

日米欧発明者サーベイからの日本調査結果

技術分野別集計表

Research Institute of Economy, Trade and Industry (RIETI)

経済産業研究所

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説明

本統計資料は、経済産業研究所の国際共同研究プロジェクトとして2010年から2011年にかけて行った日米欧発明者調査の、日本の発明者からの回答の技術分野別集計結果である。

調査対象は、日本特許庁と欧州特許庁の両特許庁に出願された優先権主張年が2003年から2005年の発明から、ランダム・サンプリングによって抽出した。質問票の最終ページまで回答したサンプルは3,306件であり、以下の集計表は、このサンプルを対象としている。ただし、各設問には無回答もあり、設問によって回答数は異なる。

技術分野としては、各特許に付されている先頭のIPC(国際特許分類)コードに対応するISI技術分類を利用している。ほとんどの設問はISIの詳細分類(29分類)で集計しているが、回答数が少ない設問についてはその大分類(6分類)で集計した。

調査の目的、サンプルの設計、集計結果の分析、日米欧の比較等については「発明者から見た2000年代初頭の日本のイノベーション過程：イノベーション力強化への課題」(経済産業研究所，ディスカッション・ペーパー，2012)を参照されたい。

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目次

ページ	設問番号	設問内容
1	A1	「当該発明」時点の最終学歴
2	A2_1*	A1で回答した学位の取得年(西暦)
3	A4	博士号を取得した国は、修士号または学士号を取得した国と別の国でしたか？
4	A4a	博士号は論文博士でしたか？
5	B1	「当該発明」時点での雇用・勤務状況
6	B2	「当該発明」時点での所属組織あるいは雇用主の類型
7	B2a	所属企業に過半数株主がいる場合、その投資家のカテゴリー
8	B2b	これらの私人もしくは家族は、当該企業の経営に参加していますか？
9	B3	「当該発明」時点で貴方が所属していた企業/機関の従業員数
11	B8	所属企業/機関はスピンオフして設立されましたか？
12	B9	所属企業/機関はどういう組織からスピンオフしましたか？
13	B10	日本以外の国の子会社・関連会社の有無
14	B11*	研究活動の開始年(西暦)
15	B12*	最初の発明をした年(西暦)
16	B13*	現在までの発明件数(概数)
17	B14*	特許出願した発明件数の割合
18	B15*	現在までに学術雑誌に発表した論文数
19	B16*	「当該発明」を生み出す前の5年間に勤務先を変えた回数
20	B17*	「当該発明」より前で最も最近の勤務先変更年(西暦)
21	B18*	前の問いの勤務先変更理由
22	B20*	「当該発明」時点の組織に勤務する前で最も最近勤務していた組織の形態
23	B22_1*	新しい勤務先では経験が適用できなかった
24	B22_2*	新しい勤務先では新たな専門知識の習得に多大な時間を費やさなければならなかった
25	B22_3*	新しい勤務先での発明活動に過去の経験が大きく貢献した
26	B22_4*	新しい勤務先での同僚との交流が発明活動に豊かなインプットをもたらした
27	C1	勤務時間全体のうち、発明活動に費やす時間の割合
28	C2	部下の人数
29	C3	発明活動の組織形態
30	C6m	研究開発プロジェクトの管理に関する記述についての同意の程度
36	C7	貴方の勤務先・所属組織以外の組織に所属していた共同発明者の存在
37	C9	本特許の特許出願人として登録されていない組織に勤務していた共同発明者の存在
38	C10	外部の提携・パートナーとの正式・非公式な協力関係
46	C11	以下のような人たちとの非公式な交流が果たした役割の重要度
50	C12	他の企業・機関に所属する人たちとの交流に関して
52	C13	同じ企業・機関に所属する人たちのうち、海外勤務経験者と重要な交流があったか
53	C14	発明プロセスにおける知識源としての以下の外部組織の重要性
61	C15	貴方が勤務していた部署・職能の類型、「当該発明」が生み出された部署・職能の類型
63	C16	コミュニケーションの頻度
70	C18	最強の競合相手の所在場所
71	C19	当該特許の獲得を目指す競合相手の存在の認識
72	C20	競合相手との競争の激しさ
73	C21	他の組織と競争していると知ったことで行動に影響を受けたか
74	C22	競合相手が活動していた業界・地域
77	C23	以下の情報源の重要性
85	C24*	特許文献の知識がなかった場合、「当該発明」に到達するまでに追加的にかかった時間
86	C27	論文・研究成果を発表したか
87	C28*	学術論文の発表件数
88	C29	他者の科学研究を学ぶ手段として、以下の方法の重要性
94	C31*	研究の開始時期(何年何月)
95	C32	発明者の所要時間における合計人月
96	C34	研究の資金源
97	C35	アイデアの起源(人)
98	C36	アイデアの起源(時間)
99	C37	以下で当該特許発明の創造プロセスをもっとよく表現しているもの
100	D1	「当該発明」を生み出した結果得たもの
101	D2*	発明による追加報酬
102	D3	「当該発明」をする上での動機
115	D4*	一週間の平均仕事時間
116	D5*	仕事時間全体のうちルーティンワークの割合
117	D6	勤務時間外に本特許のことを考えた頻度
118	D7	自由裁量度

ページ	設問番号	設問内容
124	D8	勤務上の自由裁量性の有無
125	D9	組織の環境
130	E1	「当該発明」の特許化を求める理由
140	E2	当該発明の商業目的での使用の有無
141	E2a	技術標準を活用・それに依拠したものか
142	E2b	発明者の中でこれらの技術標準の開発に参画した者が存在
143	E3	本特許の所有権の売却があったか
144	E4	本特許のライセンスがあったか
145	E5	クロスライセンス契約であったか
146	E6	数はどれくらいか
147	E7	発明者・出願者のうち新会社設立のために本特許を使用した人の存在
148	E8	新会社を設立した・しようとしている人
149	E10	新会社への出資者について
150	E11	特許ファミリーの一部であるか
151	E11a	特許ファミリーに含まれるJPO特許件数
152	E12	特許ファミリーの中で本特許の果たす役割
153	E13	本特許はすでに付与されているか
154	E14a	出願日における本特許・関連特許一式の妥当な最低売却価格
155	E14b	本特許が今日付与された場合の、出願日における本特許・関連特許一式の妥当な最低売却価格
156	E14c	出願日における本特許の妥当な最低売却価格
157	E14d	本特許が今日付与された場合の、出願日における本特許の妥当な最低売却価格
158	E15*	本特許だけが付与されなかった場合の、推定売却価格からの減額見積もり
160	E16	本特許の経済価値
161	F1	「当該発明」の進捗度合い
162	F2*	特許出願のうち早期に特許付与を望む割合
166	G2*	出生年(西暦)
167	G4	性別
168	G5	「当該発明」時点での居住形態
169	G6*	子供の数
170	G7*	「当該発明」時点で、子供のうち12歳未満の人数
171	G8	保育サービスの利用の有無
172	G9	家族と仕事の両立の難しさ
173	G10	「当該発明」時点での週当たり余暇活動時間
174	G11	余暇活動の過ごし方
191	G12	本特許を出願した年度における年間総収入
192	G13	貴方が20歳になるまでの期間のご両親・兄弟姉妹いずれかの方による自営業の有無
193	G14	リスクを取ることをいとわないか、全く取りたくないか

注: 設問番号の * 印はクリーンアップしたデータを使って集計

		中学校・ それ以下	高校	高専・短 大	学士号	修士号	博士号	無回答	Total
ElecEng	Electr/Energy	0	12	22	104	109	34	2	283
	Audiovisual	1	11	8	50	78	12	2	162
	Telecom	0	4	10	74	92	14	1	195
	IT	0	7	8	67	71	14	0	167
	Semiconductors	0	4	1	46	63	29	1	144
Instrumen	Optical	1	5	5	49	71	26	0	157
	Analysis/Measurement/ControlTech	0	4	12	99	91	37	3	246
	MedicalTechn	1	1	6	47	51	23	1	130
	NuclearTechn	0	0	0	5	3	6	0	14
Chemistry	OrganicChem	0	1	2	16	71	65	1	156
	Polymers	1	5	7	24	78	14	2	131
	Pharmaceuticals/Cosmetics	0	0	3	14	46	54	1	118
	Biotechnology	0	1	0	8	28	52	0	89
	Agric&Foods	0	1	0	5	9	4	1	20
	PetrolChem/MaterialsChem	0	2	3	18	28	19	1	71
	SurfaceTechn	0	2	1	17	31	8	1	60
ProcEng	Materials	0	4	2	20	46	31	0	103
	ChemEngineering	0	4	2	16	34	14	0	70
	Matprocessing/Textiles/Paper	0	6	12	40	58	13	0	129
	Handl/Printing	0	5	7	53	53	6	3	127
	Agric&FoodProcess-Machines	0	2	0	3	1	3	0	9
MechEng	Environment	0	3	0	15	11	3	0	32
	MachineTools	0	5	4	32	21	8	1	71
	Motors	1	14	7	68	60	6	0	156
	ThermProcesses	0	1	2	20	16	2	1	42
	MechElements	0	9	6	67	43	5	0	130
ConsConst	Transportation	0	12	14	111	42	7	5	191
	ConsGoods	0	4	5	48	16	4	3	80
	ConstrTechn	0	2	3	11	6	1	0	23
Total		5	131	152	1,147	1,327	514	30	3,306

		中学校・ それ以下	高校	高専・短 大	学士号	修士号	博士号	Total	N
ElecEng	Electr/Energy	0.00%	4.27%	7.83%	37.01%	38.79%	12.10%	100%	281
	Audiovisual	0.63%	6.88%	5.00%	31.25%	48.75%	7.50%	100%	160
	Telecom	0.00%	2.06%	5.15%	38.14%	47.42%	7.22%	100%	194
	IT	0.00%	4.19%	4.79%	40.12%	42.51%	8.38%	100%	167
	Semiconductors	0.00%	2.80%	0.70%	32.17%	44.06%	20.28%	100%	143
Instrumen	Optical	0.64%	3.18%	3.18%	31.21%	45.22%	16.56%	100%	157
	Analysis/Measurement/ControlTech	0.00%	1.65%	4.94%	40.74%	37.45%	15.23%	100%	243
	MedicalTechn	0.78%	0.78%	4.65%	36.43%	39.53%	17.83%	100%	129
	NuclearTechn	0.00%	0.00%	0.00%	35.71%	21.43%	42.86%	100%	14
Chemistry	OrganicChem	0.00%	0.65%	1.29%	10.32%	45.81%	41.94%	100%	155
	Polymers	0.78%	3.88%	5.43%	18.60%	60.47%	10.85%	100%	129
	Pharmaceuticals/Cosmetics	0.00%	0.00%	2.56%	11.97%	39.32%	46.15%	100%	117
	Biotechnology	0.00%	1.12%	0.00%	8.99%	31.46%	58.43%	100%	89
	Agric&Foods	0.00%	5.26%	0.00%	26.32%	47.37%	21.05%	100%	19
	PetrolChem/MaterialsChem	0.00%	2.86%	4.29%	25.71%	40.00%	27.14%	100%	70
	SurfaceTechn	0.00%	3.39%	1.69%	28.81%	52.54%	13.56%	100%	59
ProcEng	Materials	0.00%	3.88%	1.94%	19.42%	44.66%	30.10%	100%	103
	ChemEngineering	0.00%	5.71%	2.86%	22.86%	48.57%	20.00%	100%	70
	Matprocessing/Textiles/Paper	0.00%	4.65%	9.30%	31.01%	44.96%	10.08%	100%	129
	Handl/Printing	0.00%	4.03%	5.65%	42.74%	42.74%	4.84%	100%	124
	Agric&FoodProcess-Machines	0.00%	22.22%	0.00%	33.33%	11.11%	33.33%	100%	9
MechEng	Environment	0.00%	9.38%	0.00%	46.88%	34.38%	9.38%	100%	32
	MachineTools	0.00%	7.14%	5.71%	45.71%	30.00%	11.43%	100%	70
	Motors	0.64%	8.97%	4.49%	43.59%	38.46%	3.85%	100%	156
	ThermProcesses	0.00%	2.44%	4.88%	48.78%	39.02%	4.88%	100%	41
	MechElements	0.00%	6.92%	4.62%	51.54%	33.08%	3.85%	100%	130
ConsConst	Transportation	0.00%	6.45%	7.53%	59.68%	22.58%	3.76%	100%	186
	ConsGoods	0.00%	5.19%	6.49%	62.34%	20.78%	5.19%	100%	77
	ConstrTechn	0.00%	8.70%	13.04%	47.83%	26.09%	4.35%	100%	23
All		0.15%	4.00%	4.64%	35.01%	40.51%	15.69%	100%	3,276

A2.1 A1で回答した学位の取得年(西暦)

		N	min	median	max	mean	sd
ElecEng	Electr/Energy	276	1958	1990	2010	1989.9	8.99
	Audiovisual	156	1964	1990	2004	1990.2	8.17
	Telecom	187	1967	1992	2006	1991.4	8.52
	IT	164	1971	1991.5	2010	1991.7	8.25
	Semiconductors	138	1963	1993	2010	1991.5	8.47
Instruments	Optical	154	1960	1992	2008	1991.0	8.26
	Analysis/Measurement/ControlTech	234	1965	1990	2009	1989.5	8.30
	MedicalTechn	125	1970	1991	2010	1990.8	8.04
	NuclearTechn	14	1980	1993	2002	1991.6	7.10
Chemistry	OrganicChem	155	1967	1993	2010	1993.0	9.30
	Polymers	124	1954	1992	2007	1990.7	8.99
	Pharmaceuticals/Cosmetics	116	1965	1992	2008	1991.7	7.84
	Biotechnology	89	1966	1994	2006	1992.3	8.29
	Agric&Foods	19	1967	1990	2004	1989.9	10.01
	PetrolChem/MaterialsChem	65	1972	1992	2007	1991.2	8.85
	SurfaceTechn	58	1970	1990	2006	1989.9	8.65
	Materials	100	1971	1992	2010	1991.7	8.43
ProcEng	ChemEngineering	70	1965	1993	2009	1990.6	9.54
	Matprocessing/Textiles/Paper	123	1964	1989	2008	1988.7	8.49
	Handl/Printing	122	1973	1989	2004	1989.1	7.98
	Agric&FoodProcess-Machines	8	1966	1984	2000	1984.4	14.01
	Environment	30	1967	1986.5	2010	1987.4	10.21
MechEng	MachineTools	69	1949	1987	2004	1986.1	10.40
	Motors	151	1957	1990	2009	1989.6	8.98
	ThermProcesses	40	1971	1992.5	2003	1991.1	8.26
	MechElements	126	1964	1988	2004	1988.9	8.78
	Transportation	175	1970	1990	2009	1989.1	8.33
ConsConst	ConsGoods	76	1958	1987	2005	1986.3	8.96
	ConstrTechn	22	1962	1992	2004	1988.6	11.73
All		3186	1949	1991	2010	1990.3	8.75

A4

(A1で「博士号」と回答した人のみ)

博士号を取得した国は、修士号または学士号を取得した国と別の国でしたか？

		はい	いいえ	無回答	Total
ElecEng	Electr/Energy	2	32	0	34
	Audiovisual	1	11	0	12
	Telecom	1	13	0	14
	IT	5	9	0	14
	Semiconductors	7	22	0	29
Instruments	Optical	6	20	0	26
	Analysis/Masurement/ControlTech	8	29	0	37
	MedicalTechn	4	19	0	23
	NuclearTechn	2	4	0	6
Chemistry	OrganicChem	9	56	0	65
	Polymers	2	12	0	14
	Pharmaceuticals/Cosmetics	5	49	0	54
	Biotechnology	5	47	0	52
	Agric&Foods	1	3	0	4
	PetrolChem/MaterialsChem	1	18	0	19
	SurfaceTechn	1	7	0	8
	Materials	5	25	1	31
ProcEng	ChemEngineering	2	12	0	14
	Matprocessing/Textiles/Paper	0	13	0	13
	Handl/Printing	1	5	0	6
	Agric&FoodProcess-Machines	1	2	0	3
	Environment	0	3	0	3
MechEng	MachineTools	2	6	0	8
	Motors	1	5	0	6
	ThermProcesses	1	1	0	2
	MechElements	0	5	0	5
	Transportation	3	4	0	7
ConsConst	ConsGoods	1	3	0	4
	ConstrTechn	0	1	0	1
Total		77	436	1	514

		はい	いいえ	Total	N
ElecEng	Electr/Energy	5.88%	94.12%	100%	34
	Audiovisual	8.33%	91.67%	100%	12
	Telecom	7.14%	92.86%	100%	14
	IT	35.71%	64.29%	100%	14
	Semiconductors	24.14%	75.86%	100%	29
Instruments	Optical	23.08%	76.92%	100%	26
	Analysis/Masurement/ControlTech	21.62%	78.38%	100%	37
	MedicalTechn	17.39%	82.61%	100%	23
	NuclearTechn	33.33%	66.67%	100%	6
Chemistry	OrganicChem	13.85%	86.15%	100%	65
	Polymers	14.29%	85.71%	100%	14
	Pharmaceuticals/Cosmetics	9.26%	90.74%	100%	54
	Biotechnology	9.62%	90.38%	100%	52
	Agric&Foods	25.00%	75.00%	100%	4
	PetrolChem/MaterialsChem	5.26%	94.74%	100%	19
	SurfaceTechn	12.50%	87.50%	100%	8
	Materials	16.67%	83.33%	100%	30
ProcEng	ChemEngineering	14.29%	85.71%	100%	14
	Matprocessing/Textiles/Paper	0.00%	100.00%	100%	13
	Handl/Printing	16.67%	83.33%	100%	6
	Agric&FoodProcess-Machines	33.33%	66.67%	100%	3
	Environment	0.00%	100.00%	100%	3
MechEng	MachineTools	25.00%	75.00%	100%	8
	Motors	16.67%	83.33%	100%	6
	ThermProcesses	50.00%	50.00%	100%	2
	MechElements	0.00%	100.00%	100%	5
	Transportation	42.86%	57.14%	100%	7
ConsConst	ConsGoods	25.00%	75.00%	100%	4
	ConstrTechn	0.00%	100.00%	100%	1
All		15.01%	84.99%	100%	513

A4 (A1で「博士号」と回答した人のみ)
博士号は論文博士でしたか？

		はい	いいえ	無回答	Total
ElecEng	Electr/Energy	15	19	0	34
	Audiovisual	6	6	0	12
	Telecom	4	10	0	14
	IT	5	8	1	14
	Semiconductors	10	19	0	29
Instruments	Optical	7	19	0	26
	Analysis/Masurement/ControlTech	15	22	0	37
	MedicalTechn	11	12	0	23
	NuclearTechn	4	2	0	6
Chemistry	OrganicChem	35	30	0	65
	Polymers	3	11	0	14
	Pharmaceuticals/Cosmetics	30	24	0	54
	Biotechnology	20	32	0	52
	Agric&Foods	2	2	0	4
	PetrolChem/MaterialsChem	11	8	0	19
	SurfaceTechn	2	6	0	8
	Materials	19	11	1	31
ProcEng	ChemEngineering	2	12	0	14
	Matprocessing/Textiles/Paper	5	8	0	13
	Handl/Printing	2	4	0	6
	Agric&FoodProcess-Machines	2	1	0	3
	Environment	2	1	0	3
MechEng	MachineTools	4	4	0	8
	Motors	1	5	0	6
	ThermProcesses	1	1	0	2
	MechElements	1	4	0	5
	Transportation	2	5	0	7
ConsConst	ConsGoods	0	4	0	4
	ConstrTechn	1	0	0	1
Total		222	290	2	514

		はい	いいえ	Total	N
ElecEng	Electr/Energy	44.12%	55.88%	100%	34
	Audiovisual	50.00%	50.00%	100%	12
	Telecom	28.57%	71.43%	100%	14
	IT	38.46%	61.54%	100%	13
	Semiconductors	34.48%	65.52%	100%	29
Instruments	Optical	26.92%	73.08%	100%	26
	Analysis/Masurement/ControlTech	40.54%	59.46%	100%	37
	MedicalTechn	47.83%	52.17%	100%	23
	NuclearTechn	66.67%	33.33%	100%	6
Chemistry	OrganicChem	53.85%	46.15%	100%	65
	Polymers	21.43%	78.57%	100%	14
	Pharmaceuticals/Cosmetics	55.56%	44.44%	100%	54
	Biotechnology	38.46%	61.54%	100%	52
	Agric&Foods	50.00%	50.00%	100%	4
	PetrolChem/MaterialsChem	57.89%	42.11%	100%	19
	SurfaceTechn	25.00%	75.00%	100%	8
	Materials	63.33%	36.67%	100%	30
ProcEng	ChemEngineering	14.29%	85.71%	100%	14
	Matprocessing/Textiles/Paper	38.46%	61.54%	100%	13
	Handl/Printing	33.33%	66.67%	100%	6
	Agric&FoodProcess-Machines	66.67%	33.33%	100%	3
	Environment	66.67%	33.33%	100%	3
MechEng	MachineTools	50.00%	50.00%	100%	8
	Motors	16.67%	83.33%	100%	6
	ThermProcesses	50.00%	50.00%	100%	2
	MechElements	20.00%	80.00%	100%	5
	Transportation	28.57%	71.43%	100%	7
ConsConst	ConsGoods	0.00%	100.00%	100%	4
	ConstrTechn	100.00%	0.00%	100%	1
All		43.36%	56.64%	100%	512

		企業等の 組織に雇 用され、 その組織 で勤務	雇用され ていた が、別組 織に派 遣・出向	自営	無職	学生	その他	無回答	Total
ElecEng	Electr/Energy	278	2	0	0	1	0	2	283
	Audiovisual	154	1	0	0	4	3	0	162
	Telecom	183	4	0	1	2	4	1	195
	IT	158	4	0	0	2	3	0	167
	Semiconductors	133	0	0	1	3	7	0	144
Instruments	Optical	154	0	0	0	1	2	0	157
	Analysis/Measurement/ControlTech	231	4	0	0	5	6	0	246
	MedicalTechn	124	1	0	1	2	2	0	130
	NuclearTechn	12	1	0	0	1	0	0	14
Chemistry	OrganicChem	147	0	0	2	4	2	1	156
	Polymers	124	1	0	1	2	1	2	131
	Pharmaceuticals/Cosmetics	110	2	0	0	6	0	0	118
	Biotechnology	80	2	0	3	3	1	0	89
	Agric&Foods	17	2	0	0	0	0	1	20
	PetrolChem/MaterialsChem	67	1	0	0	1	2	0	71
	SurfaceTechn	58	0	0	0	0	2	0	60
	Materials	98	1	0	0	3	1	0	103
ProcEng	ChemEngineering	68	1	0	0	0	1	0	70
	Matprocessing/Textiles/Paper	124	1	0	0	2	2	0	129
	Handl/Printing	125	0	0	0	0	2	0	127
	Agric&FoodProcess-Machines	7	2	0	0	0	0	0	9
	Environment	28	3	0	0	1	0	0	32
MechEng	MachineTools	68	1	0	0	1	1	0	71
	Motors	152	0	0	0	2	2	0	156
	ThermProcesses	40	0	0	0	0	1	1	42
	MechElements	125	1	0	0	1	3	0	130
	Transportation	182	0	0	0	1	4	4	191
ConsConst	ConsGoods	76	1	0	0	2	1	0	80
	ConstrTechn	20	1	0	0	1	1	0	23
Total		3,143	37	0	9	51	54	12	3,306

		企業等の 組織に雇 用され、 その組織 で勤務	雇用され ていた が、別組 織に派 遣・出向	自営	無職	学生	その他	Total	N
ElecEng	Electr/Energy	98.93%	0.71%	0.00%	0.00%	0.36%	0.00%	100%	281
	Audiovisual	95.06%	0.62%	0.00%	0.00%	2.47%	1.85%	100%	162
	Telecom	94.33%	2.06%	0.00%	0.52%	1.03%	2.06%	100%	194
	IT	94.61%	2.40%	0.00%	0.00%	1.20%	1.80%	100%	167
	Semiconductors	92.36%	0.00%	0.00%	0.69%	2.08%	4.86%	100%	144
Instruments	Optical	98.09%	0.00%	0.00%	0.00%	0.64%	1.27%	100%	157
	Analysis/Measurement/ControlTech	93.90%	1.63%	0.00%	0.00%	2.03%	2.44%	100%	246
	MedicalTechn	95.38%	0.77%	0.00%	0.77%	1.54%	1.54%	100%	130
	NuclearTechn	85.71%	7.14%	0.00%	0.00%	7.14%	0.00%	100%	14
Chemistry	OrganicChem	94.84%	0.00%	0.00%	1.29%	2.58%	1.29%	100%	155
	Polymers	96.12%	0.78%	0.00%	0.78%	1.55%	0.78%	100%	129
	Pharmaceuticals/Cosmetics	93.22%	1.69%	0.00%	0.00%	5.08%	0.00%	100%	118
	Biotechnology	89.89%	2.25%	0.00%	3.37%	3.37%	1.12%	100%	89
	Agric&Foods	89.47%	10.53%	0.00%	0.00%	0.00%	0.00%	100%	19
	PetrolChem/MaterialsChem	94.37%	1.41%	0.00%	0.00%	1.41%	2.82%	100%	71
	SurfaceTechn	96.67%	0.00%	0.00%	0.00%	0.00%	3.33%	100%	60
	Materials	95.15%	0.97%	0.00%	0.00%	2.91%	0.97%	100%	103
ProcEng	ChemEngineering	97.14%	1.43%	0.00%	0.00%	0.00%	1.43%	100%	70
	Matprocessing/Textiles/Paper	96.12%	0.78%	0.00%	0.00%	1.55%	1.55%	100%	129
	Handl/Printing	98.43%	0.00%	0.00%	0.00%	0.00%	1.57%	100%	127
	Agric&FoodProcess-Machines	77.78%	22.22%	0.00%	0.00%	0.00%	0.00%	100%	9
	Environment	87.50%	9.38%	0.00%	0.00%	3.13%	0.00%	100%	32
MechEng	MachineTools	95.77%	1.41%	0.00%	0.00%	1.41%	1.41%	100%	71
	Motors	97.44%	0.00%	0.00%	0.00%	1.28%	1.28%	100%	156
	ThermProcesses	97.56%	0.00%	0.00%	0.00%	0.00%	2.44%	100%	41
	MechElements	96.15%	0.77%	0.00%	0.00%	0.77%	2.31%	100%	130
	Transportation	97.33%	0.00%	0.00%	0.00%	0.53%	2.14%	100%	187
ConsConst	ConsGoods	95.00%	1.25%	0.00%	0.00%	2.50%	1.25%	100%	80
	ConstrTechn	86.96%	4.35%	0.00%	0.00%	4.35%	4.35%	100%	23
All		95.42%	1.12%	0.00%	0.27%	1.55%	1.64%	100%	3,294

		民間企業	政府系研究機関	大学・その他の教育機関	その他の政府機関	民間病院・非営利民間研究所・財団法	その他	分からない	無回答	Total
ElecEng	Electr/Energy	272	1	7	0	0	1	1	1	283
	Audiovisual	159	2	0	0	0	1	0	0	162
	Telecom	190	2	1	0	0	1	1	0	195
	IT	163	0	3	0	0	1	0	0	167
	Semiconductors	129	5	8	0	1	0	0	1	144
Instruments	Optical	148	4	4	0	1	0	0	0	157
	Analysis/Measurement/ControlTech	223	7	10	0	2	3	0	1	246
	MedicalTechn	117	3	7	0	3	0	0	0	130
	NuclearTechn	11	2	1	0	0	0	0	0	14
Chemistry	OrganicChem	134	4	14	0	3	0	0	1	156
	Polymers	124	0	4	0	0	0	0	3	131
	Pharmaceuticals/Cosmetics	97	5	13	1	2	0	0	0	118
	Biotechnology	58	9	16	1	5	0	0	0	89
	Agric&Foods	18	0	0	0	0	1	1	0	20
	PetrolChem/MaterialsChem	67	3	1	0	0	0	0	0	71
	SurfaceTechn	55	2	2	0	1	0	0	0	60
	Materials	94	3	4	0	0	1	0	1	103
ProcEng	ChemEngineering	65	0	5	0	0	0	0	0	70
	Matprocessing/Textiles/Paper	124	1	2	0	0	1	0	1	129
	Handl/Printing	127	0	0	0	0	0	0	0	127
	Agric&FoodProcess-Machines	7	1	0	0	0	1	0	0	9
	Environment	31	0	1	0	0	0	0	0	32
MechEng	MachineTools	68	1	1	0	0	0	1	0	71
	Motors	156	0	0	0	0	0	0	0	156
	ThermProcesses	41	0	0	0	0	0	0	1	42
	MechElements	128	0	0	1	0	1	0	0	130
	Transportation	187	0	1	0	0	0	1	2	191
ConsConst	ConsGoods	79	0	0	0	0	1	0	0	80
	ConstrTechn	22	0	1	0	0	0	0	0	23
Total		3,094	55	106	3	18	13	5	12	3,306

		民間企業	政府系研究機関	大学・その他の教育機関	その他の政府機関	民間病院・非営利民間研究所・財団法	その他	Total	N
ElecEng	Electr/Energy	96.80%	0.36%	2.49%	0.00%	0.00%	0.36%	100%	281
	Audiovisual	98.15%	1.23%	0.00%	0.00%	0.00%	0.62%	100%	162
	Telecom	97.94%	1.03%	0.52%	0.00%	0.00%	0.52%	100%	194
	IT	97.60%	0.00%	1.80%	0.00%	0.00%	0.60%	100%	167
	Semiconductors	90.21%	3.50%	5.59%	0.00%	0.70%	0.00%	100%	143
Instruments	Optical	94.27%	2.55%	2.55%	0.00%	0.64%	0.00%	100%	157
	Analysis/Measurement/ControlTech	91.02%	2.86%	4.08%	0.00%	0.82%	1.22%	100%	245
	MedicalTechn	90.00%	2.31%	5.38%	0.00%	2.31%	0.00%	100%	130
	NuclearTechn	78.57%	14.29%	7.14%	0.00%	0.00%	0.00%	100%	14
Chemistry	OrganicChem	86.45%	2.58%	9.03%	0.00%	1.94%	0.00%	100%	155
	Polymers	96.88%	0.00%	3.13%	0.00%	0.00%	0.00%	100%	128
	Pharmaceuticals/Cosmetics	82.20%	4.24%	11.02%	0.85%	1.69%	0.00%	100%	118
	Biotechnology	65.17%	10.11%	17.98%	1.12%	5.62%	0.00%	100%	89
	Agric&Foods	94.74%	0.00%	0.00%	0.00%	0.00%	5.26%	100%	19
	PetrolChem/MaterialsChem	94.37%	4.23%	1.41%	0.00%	0.00%	0.00%	100%	71
	SurfaceTechn	91.67%	3.33%	3.33%	0.00%	1.67%	0.00%	100%	60
	Materials	92.16%	2.94%	3.92%	0.00%	0.00%	0.98%	100%	102
ProcEng	ChemEngineering	92.86%	0.00%	7.14%	0.00%	0.00%	0.00%	100%	70
	Matprocessing/Textiles/Paper	96.88%	0.78%	1.56%	0.00%	0.00%	0.78%	100%	128
	Handl/Printing	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	127
	Agric&FoodProcess-Machines	77.78%	11.11%	0.00%	0.00%	0.00%	11.11%	100%	9
	Environment	96.88%	0.00%	3.13%	0.00%	0.00%	0.00%	100%	32
MechEng	MachineTools	97.14%	1.43%	1.43%	0.00%	0.00%	0.00%	100%	70
	Motors	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	156
	ThermProcesses	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%	41
	MechElements	98.46%	0.00%	0.00%	0.77%	0.00%	0.77%	100%	130
	Transportation	99.47%	0.00%	0.53%	0.00%	0.00%	0.00%	100%	188
ConsConst	ConsGoods	98.75%	0.00%	0.00%	0.00%	0.00%	1.25%	100%	80
	ConstrTechn	95.65%	0.00%	4.35%	0.00%	0.00%	0.00%	100%	23
All		94.07%	1.67%	3.22%	0.09%	0.55%	0.40%	100%	3289

【複数回答可】

		一人/数 人の私人	単一/複 数の家族	民間投資 会社	日系親会 社	外資系親 会社	その他	無回答	サンプル 数
ElecEng	Electr/Energy	14	9	12	55	10	10	180	283
	Audiovisual	11	5	11	31	0	4	101	162
	Telecom	10	6	10	57	10	7	98	195
	IT	9	2	6	41	2	6	104	167
	Semiconductors	10	1	12	27	5	6	87	144
Instruments	Optical	4	3	11	22	4	6	109	157
	Analysis/Measurement/ControlTech	23	17	12	45	5	5	139	246
	MedicalTechn	10	7	5	26	5	4	76	130
	NuclearTechn	1	0	2	3	0	1	8	14
Chemistry	OrganicChem	4	6	6	20	7	5	109	156
	Polymers	4	3	6	27	4	4	84	131
	Pharmaceuticals/Cosmetics	8	5	4	12	4	12	73	118
	Biotechnology	2	6	5	13	1	5	57	89
	Agric&Foods	2	2	1	2	0	1	12	20
	PetrolChem/MaterialsChem	5	3	3	7	2	2	50	71
	SurfaceTechn	5	2	2	10	1	0	40	60
	Materials	4	5	5	10	1	2	77	103
ProcEng	ChemEngineering	5	3	3	11	2	0	47	70
	Matprocessing/Textiles/Paper	7	12	9	28	3	3	73	129
	Handl/Printing	10	9	3	19	1	3	83	127
	Agric&FoodProcess-Machines	4	0	0	0	0	0	5	9
	Environment	4	3	2	3	6	1	13	32
MechEng	MachineTools	7	10	4	10	0	3	39	71
	Motors	7	4	10	35	5	5	95	156
	ThermProcesses	3	4	1	5	2	0	29	42
	MechElements	10	9	2	22	4	2	83	130
	Transportation	10	5	10	37	4	5	122	191
ConsConst	ConsGoods	7	7	1	14	1	1	50	80
	ConstrTechn	1	1	2	6	1	1	12	23
Total		201	149	160	598	90	104	2055	3,306

		一人/数 人の私人	単一/複 数の家族	民間投資 会社	日系親会 社	外資系親 会社	その他	N
ElecEng	Electr/Energy	13.59%	8.74%	11.65%	53.40%	9.71%	9.71%	103
	Audiovisual	18.03%	8.20%	18.03%	50.82%	0.00%	6.56%	61
	Telecom	10.31%	6.19%	10.31%	58.76%	10.31%	7.22%	97
	IT	14.29%	3.17%	9.52%	65.08%	3.17%	9.52%	63
	Semiconductors	17.54%	1.75%	21.05%	47.37%	8.77%	10.53%	57
Instruments	Optical	8.33%	6.25%	22.92%	45.83%	8.33%	12.50%	48
	Analysis/Measurement/ControlTech	21.50%	15.89%	11.21%	42.06%	4.67%	4.67%	107
	MedicalTechn	18.52%	12.96%	9.26%	48.15%	9.26%	7.41%	54
	NuclearTechn	16.67%	0.00%	33.33%	50.00%	0.00%	16.67%	6
Chemistry	OrganicChem	8.51%	12.77%	12.77%	42.55%	14.89%	10.64%	47
	Polymers	8.51%	6.38%	12.77%	57.45%	8.51%	8.51%	47
	Pharmaceuticals/Cosmetics	17.78%	11.11%	8.89%	26.67%	8.89%	26.67%	45
	Biotechnology	6.25%	18.75%	15.63%	40.63%	3.13%	15.63%	32
	Agric&Foods	25.00%	25.00%	12.50%	25.00%	0.00%	12.50%	8
	PetrolChem/MaterialsChem	23.81%	14.29%	14.29%	33.33%	9.52%	9.52%	21
	SurfaceTechn	25.00%	10.00%	10.00%	50.00%	5.00%	0.00%	20
	Materials	15.38%	19.23%	19.23%	38.46%	3.85%	7.69%	26
ProcEng	ChemEngineering	21.74%	13.04%	13.04%	47.83%	8.70%	0.00%	23
	Matprocessing/Textiles/Paper	12.50%	21.43%	16.07%	50.00%	5.36%	5.36%	56
	Handl/Printing	22.73%	20.45%	6.82%	43.18%	2.27%	6.82%	44
	Agric&FoodProcess-Machines	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4
	Environment	21.05%	15.79%	10.53%	15.79%	31.58%	5.26%	19
MechEng	MachineTools	21.88%	31.25%	12.50%	31.25%	0.00%	9.38%	32
	Motors	11.48%	6.56%	16.39%	57.38%	8.20%	8.20%	61
	ThermProcesses	23.08%	30.77%	7.69%	38.46%	15.38%	0.00%	13
	MechElements	21.28%	19.15%	4.26%	46.81%	8.51%	4.26%	47
	Transportation	14.49%	7.25%	14.49%	53.62%	5.80%	7.25%	69
ConsConst	ConsGoods	23.33%	23.33%	3.33%	46.67%	3.33%	3.33%	30
	ConstrTechn	9.09%	9.09%	18.18%	54.55%	9.09%	9.09%	11
All		16.07%	11.91%	12.79%	47.80%	7.19%	8.31%	1,251

B2b (B2aで「一人/数人の私人」または「単一/複数の家族」を選択した回答者のみ)
これらの私人もしくは家族は、当該企業の経営に参加していますか？

		はい	いいえ	分からない	無回答	Total
ElecEng	Electr/Energy	18	3	1	0	22
	Audiovisual	12	3	1	0	16
	Telecom	11	1	3	0	15
	IT	6	3	1	0	10
	Semiconductors	8	2	1	0	11
Instruments	Optical	6	0	1	0	7
	Analysis/Masurement/ControlTech	31	6	2	1	40
	MedicalTechn	12	4	0	0	16
	NuclearTechn	1	0	0	0	1
Chemistry	OrganicChem	8	1	1	0	10
	Polymers	4	3	0	0	7
	Pharmaceuticals/Cosmetics	11	2	0	0	13
	Biotechnology	7	0	1	0	8
	Agric&Foods	4	0	0	0	4
	PetrolChem/MaterialsChem	7	0	0	0	7
	SurfaceTechn	4	3	0	0	7
	Materials	7	1	1	0	9
ProcEng	ChemEngineering	7	1	0	0	8
	Matprocessing/Textiles/Paper	13	2	1	0	16
	Handl/Printing	16	1	2	0	19
	Agric&FoodProcess-Machines	3	1	0	0	4
	Environment	5	2	0	0	7
MechEng	MachineTools	15	1	0	0	16
	Motors	8	2	1	0	11
	ThermProcesses	5	2	0	0	7
	MechElements	15	2	0	0	17
	Transportation	8	5	2	0	15
ConsConst	ConsGoods	12	2	0	0	14
	ConstrTechn	2	0	0	0	2
Total		266	53	19	1	339

		はい	いいえ	Total	N
ElecEng	Electr/Energy	85.71%	14.29%	100%	22
	Audiovisual	80.00%	20.00%	100%	16
	Telecom	91.67%	8.33%	100%	15
	IT	66.67%	33.33%	100%	10
	Semiconductors	80.00%	20.00%	100%	11
Instruments	Optical	100.00%	0.00%	100%	7
	Analysis/Masurement/ControlTech	83.78%	16.22%	100%	39
	MedicalTechn	75.00%	25.00%	100%	16
	NuclearTechn	100.00%	0.00%	100%	1
Chemistry	OrganicChem	88.89%	11.11%	100%	10
	Polymers	57.14%	42.86%	100%	7
	Pharmaceuticals/Cosmetics	84.62%	15.38%	100%	13
	Biotechnology	100.00%	0.00%	100%	8
	Agric&Foods	100.00%	0.00%	100%	4
	PetrolChem/MaterialsChem	100.00%	0.00%	100%	7
	SurfaceTechn	57.14%	42.86%	100%	7
	Materials	87.50%	12.50%	100%	9
ProcEng	ChemEngineering	87.50%	12.50%	100%	8
	Matprocessing/Textiles/Paper	86.67%	13.33%	100%	16
	Handl/Printing	94.12%	5.88%	100%	19
	Agric&FoodProcess-Machines	75.00%	25.00%	100%	4
	Environment	71.43%	28.57%	100%	7
MechEng	MachineTools	93.75%	6.25%	100%	16
	Motors	80.00%	20.00%	100%	11
	ThermProcesses	71.43%	28.57%	100%	7
	MechElements	88.24%	11.76%	100%	17
	Transportation	61.54%	38.46%	100%	15
ConsConst	ConsGoods	85.71%	14.29%	100%	14
	ConstrTechn	100.00%	0.00%	100%	2
All		83.39%	16.61%	100%	338

B3 「当該発明」時点で貴方が所属していた企業/機関の従業員数

【注】 回答データは、回答者が所属している事業所や部署の従業員数を答えていると思われるケースが多かった。そのため、回答データの代わりに、「当該発明」の出願人数が一社のケースを対象として、帝国データバンクの企業情報から抽出した従業員数について集計した。中小企業のサンプル数が少ないことに注意。

		1-99人	100-200人	250-499人	500-999人	1000-4999人	5000人以上	不明	Total
ElecEng	Electr/Energy	5	3	9	16	98	116	2	249
	Audiovisual	1	4	10	2	31	90	6	144
	Telecom	1	1	1	10	29	130	11	183
	IT	6	3	6	3	29	107	5	159
	Semiconductors	4	7	6	7	52	42	3	121
Instruments	Optical	0	6	12	9	55	65	2	149
	Analysis/Measurement/ControlTech	8	4	12	13	90	79	11	217
	MedicalTechn	4	3	15	8	46	23	9	108
	NuclearTechn	1	0	1	0	2	4	0	8
Chemistry	OrganicChem	4	6	7	12	81	32	6	148
	Polymers	2	5	14	9	61	21	3	115
	Pharmaceuticals/Cosmetics	4	0	4	5	50	23	13	99
	Biotechnology	1	3	7	5	36	8	6	66
	Agric&Foods	0	0	1	1	10	3	4	19
	PetrolChem/MaterialsChem	4	5	4	2	29	12	2	58
	SurfaceTechn	0	1	3	4	21	16	1	46
	Materials	1	1	6	11	28	35	3	85
ProcEng	ChemEngineering	1	2	4	5	24	23	2	61
	Matprocessing/Textiles/Paper	4	3	7	22	49	29	1	115
	Handl/Printing	1	3	5	8	49	50	3	119
	Agric&FoodProcess-Machines	0	1	0	2	1	3	2	9
	Environment	2	0	1	0	19	6	3	31
MechEng	MachineTools	3	6	1	7	24	22	0	63
	Motors	0	2	3	6	17	109	1	138
	ThermProcesses	0	0	6	1	10	20	0	37
	MechElements	3	4	4	17	23	61	1	113
	Transportation	2	4	2	11	34	117	2	172
ConsConst	ConsGoods	2	2	4	13	19	29	3	72
	ConstrTechn	3	0	1	1	5	9	2	21
Total		67	79	156	210	1,022	1,284	107	2,925

		1-99人	100-200人	250-499人	500-999人	1000-4999人	5000人以上	Total	N
ElecEng	Electr/Energy	2.02%	1.21%	3.64%	6.48%	39.68%	46.96%	100%	247
	Audiovisual	0.72%	2.90%	7.25%	1.45%	22.46%	65.22%	100%	138
	Telecom	0.58%	0.58%	0.58%	5.81%	16.86%	75.58%	100%	172
	IT	3.90%	1.95%	3.90%	1.95%	18.83%	69.48%	100%	154
	Semiconductors	3.39%	5.93%	5.08%	5.93%	44.07%	35.59%	100%	118
Instruments	Optical	0.00%	4.08%	8.16%	6.12%	37.41%	44.22%	100%	147
	Analysis/Measurement/ControlTech	3.88%	1.94%	5.83%	6.31%	43.69%	38.35%	100%	206
	MedicalTechn	4.04%	3.03%	15.15%	8.08%	46.46%	23.23%	100%	99
	NuclearTechn	12.50%	0.00%	12.50%	0.00%	25.00%	50.00%	100%	8
Chemistry	OrganicChem	2.82%	4.23%	4.93%	8.45%	57.04%	22.54%	100%	142
	Polymers	1.79%	4.46%	12.50%	8.04%	54.46%	18.75%	100%	112
	Pharmaceuticals/Cosmetics	4.65%	0.00%	4.65%	5.81%	58.14%	26.74%	100%	86
	Biotechnology	1.67%	5.00%	11.67%	8.33%	60.00%	13.33%	100%	60
	Agric&Foods	0.00%	0.00%	6.67%	6.67%	66.67%	20.00%	100%	15
	PetrolChem/MaterialsChem	7.14%	8.93%	7.14%	3.57%	51.79%	21.43%	100%	56
	SurfaceTechn	0.00%	2.22%	6.67%	8.89%	46.67%	35.56%	100%	45
	Materials	1.22%	1.22%	7.32%	13.41%	34.15%	42.68%	100%	82
ProcEng	ChemEngineering	1.69%	3.39%	6.78%	8.47%	40.68%	38.98%	100%	59
	Matprocessing/Textiles/Paper	3.51%	2.63%	6.14%	19.30%	42.98%	25.44%	100%	114
	Handl/Printing	0.86%	2.59%	4.31%	6.90%	42.24%	43.10%	100%	116
	Agric&FoodProcess-Machines	0.00%	14.29%	0.00%	28.57%	14.29%	42.86%	100%	7
	Environment	7.14%	0.00%	3.57%	0.00%	67.86%	21.43%	100%	28
MechEng	MachineTools	4.76%	9.52%	1.59%	11.11%	38.10%	34.92%	100%	63
	Motors	0.00%	1.46%	2.19%	4.38%	12.41%	79.56%	100%	137
	ThermProcesses	0.00%	0.00%	16.22%	2.70%	27.03%	54.05%	100%	37
	MechElements	2.68%	3.57%	3.57%	15.18%	20.54%	54.46%	100%	112
	Transportation	1.18%	2.35%	1.18%	6.47%	20.00%	68.82%	100%	170
ConsConst	ConsGoods	2.90%	2.90%	5.80%	18.84%	27.54%	42.03%	100%	69
	ConstrTechn	15.79%	0.00%	5.26%	5.26%	26.32%	47.37%	100%	19
All		2.38%	2.80%	5.54%	7.45%	36.27%	45.56%	100%	2818

【参考】出願人数の分布

		1人	2人	3人	4人	6人	7人	Total
ElecEng	Electr/Energy	249	31	2	1	0	0	283
	Audiovisual	144	17	1	0	0	0	162
	Telecom	183	9	2	1	0	0	195
	IT	159	8	0	0	0	0	167
	Semiconductors	121	20	0	3	0	0	144
Instruments	Optical	149	7	1	0	0	0	157
	Analysis/Masurement/ControlTech	217	27	2	0	0	0	246
	MedicalTechn	108	17	4	0	1	0	130
	NuclearTechn	8	5	1	0	0	0	14
Chemistry	OrganicChem	148	7	1	0	0	0	156
	Polymers	115	14	2	0	0	0	131
	Pharmaceuticals/Cosmetics	99	17	2	0	0	0	118
	Biotechnology	66	17	6	0	0	0	89
	Agric&Foods	19	1	0	0	0	0	20
	PetrolChem/MaterialsChem	58	12	0	1	0	0	71
	SurfaceTechn	46	13	1	0	0	0	60
	Materials	85	14	2	1	0	1	103
ProcEng	ChemEngineering	61	7	2	0	0	0	70
	Matprocessing/Textiles/Paper	115	14	0	0	0	0	129
	Handl/Printing	119	7	1	0	0	0	127
	Agric&FoodProcess-Machines	9	0	0	0	0	0	9
	Environment	31	1	0	0	0	0	32
MechEng	MachineTools	63	7	1	0	0	0	71
	Motors	138	18	0	0	0	0	156
	ThermProcesses	37	4	1	0	0	0	42
	MechElements	113	16	1	0	0	0	130
	Transportation	172	17	2	0	0	0	191
ConsConst	ConsGoods	72	8	0	0	0	0	80
	ConstrTechn	21	1	1	0	0	0	23
Total		2,925	336	36	7	1	1	3,306

B8 (B7で「1」、「2」、「3」、つまり10年以下を選択した回答者のみ)
 所属企業/機関はスピンオフして設立されましたか？

		はい	いいえ	分からない	無回答	Total
ElecEng	Electr/Energy	7	9	2	0	18
	Audiovisual	7	10	1	0	18
	Telecom	13	17	1	0	31
	IT	9	9	3	0	21
	Semiconductors	7	7	0	0	14
Instruments	Optical	5	8	1	0	14
	Analysis/Measurement/ControlTech	8	17	3	0	28
	MedicalTechn	1	6	1	0	8
	NuclearTechn	1	0	0	0	1
Chemistry	OrganicChem	1	5	0	0	6
	Polymers	3	7	0	0	10
	Pharmaceuticals/Cosmetics	2	6	0	0	8
	Biotechnology	1	7	0	0	8
	Agric&Foods	0	2	0	0	2
	PetrolChem/MaterialsChem	1	4	1	0	6
	SurfaceTechn	4	3	0	0	7
	Materials	0	6	0	0	6
ProcEng	ChemEngineering	1	2	0	0	3
	Matprocessing/Textiles/Paper	3	6	3	0	12
	Handl/Printing	1	2	0	0	3
	Agric&FoodProcess-Machines	0	2	0	0	2
	Environment	1	2	0	0	3
MechEng	MachineTools	2	2	1	0	5
	Motors	1	4	1	0	6
	ThermProcesses	3	2	1	0	6
	MechElements	4	4	1	0	9
	Transportation	3	8	1	0	12
ConsConst	ConsGoods	2	4	1	0	7
	ConstrTechn	0	0	1	0	1
Total		91	161	23	0	275

		はい	いいえ	分からない	Total	N
ElecEng	Electr/Energy	39%	50%	11.1%	100%	18
	Audiovisual	39%	56%	5.6%	100%	18
	Telecom	42%	55%	3.2%	100%	31
	IT	43%	43%	14.3%	100%	21
	Semiconductors	50%	50%	0.0%	100%	14
Instruments	Optical	36%	57%	7.1%	100%	14
	Analysis/Measurement/ControlTech	29%	61%	10.7%	100%	28
	MedicalTechn	13%	75%	12.5%	100%	8
	NuclearTechn	100%	0%	0.0%	100%	1
Chemistry	OrganicChem	17%	83%	0.0%	100%	6
	Polymers	30%	70%	0.0%	100%	10
	Pharmaceuticals/Cosmetics	25%	75%	0.0%	100%	8
	Biotechnology	13%	88%	0.0%	100%	8
	Agric&Foods	0%	100%	0.0%	100%	2
	PetrolChem/MaterialsChem	17%	67%	16.7%	100%	6
	SurfaceTechn	57%	43%	0.0%	100%	7
	Materials	0%	100%	0.0%	100%	6
ProcEng	ChemEngineering	33%	67%	0.0%	100%	3
	Matprocessing/Textiles/Paper	25%	50%	25.0%	100%	12
	Handl/Printing	33%	67%	0.0%	100%	3
	Agric&FoodProcess-Machines	0%	100%	0.0%	100%	2
	Environment	33%	67%	0.0%	100%	3
MechEng	MachineTools	40%	40%	20.0%	100%	5
	Motors	17%	67%	16.7%	100%	6
	ThermProcesses	50%	33%	16.7%	100%	6
	MechElements	44%	44%	11.1%	100%	9
	Transportation	25%	67%	8.3%	100%	12
ConsConst	ConsGoods	29%	57%	14.3%	100%	7
	ConstrTechn	0%	0%	100.0%	100%	1
All		33%	59%	8.4%	100%	275

B9

(B8で「はい」を選択した回答者のみ)

所属企業/機関はどのような組織からスピンオフしましたか？

		民間企業	政府系研究機関	大学・その他の教育機関	その他の政府機関	民間病院・民間研究機関・財団法人	その他	分からない	Total
ElecEng	Electr/Energy	7	0	0	0	0	0	0	7
	Audiovisual	7	0	0	0	0	0	0	7
	Telecom	13	0	0	0	0	0	0	13
	IT	8	0	0	0	0	0	1	9
	Semiconductors	6	0	1	0	0	0	0	7
Instruments	Optical	5	0	0	0	0	0	0	5
	Analysis/Measurement/ControlTech	8	0	0	0	0	0	0	8
	MedicalTechn	1	0	0	0	0	0	0	1
	NuclearTechn	1	0	0	0	0	0	0	1
Chemistry	OrganicChem	1	0	0	0	0	0	0	1
	Polymers	3	0	0	0	0	0	0	3
	Pharmaceuticals/Cosmetics	2	0	0	0	0	0	0	2
	Biotechnology	1	0	0	0	0	0	0	1
	Agric&Foods								0
	PetrolChem/MaterialsChem	1	0	0	0	0	0	0	1
	SurfaceTechn	3	1	0	0	0	0	0	4
	Materials								0
ProcEng	ChemEngineering	1	0	0	0	0	0	0	1
	Matprocessing/Textiles/Paper	3	0	0	0	0	0	0	3
	Handl/Printing	1	0	0	0	0	0	0	1
	Agric&FoodProcess-Machines								0
	Environment	1	0	0	0	0	0	0	1
MechEng	MachineTools	2	0	0	0	0	0	0	2
	Motors	1	0	0	0	0	0	0	1
	ThermProcesses	3	0	0	0	0	0	0	3
	MechElements	4	0	0	0	0	0	0	4
	Transportation	3	0	0	0	0	0	0	3
ConsConst	ConsGoods	2	0	0	0	0	0	0	2
	ConstrTechn								0
Total		88	1	1	0	0	0	1	91

		民間企業	政府系研究機関	大学・その他の教育機関	その他の政府機関	民間病院・民間研究機関・財団法人	その他	Total	N
ElecEng	Electr/Energy	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	7
	Audiovisual	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	7
	Telecom	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	13
	IT	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	8
	Semiconductors	85.7%	0.0%	14.3%	0.0%	0.0%	0.0%	100%	7
Instruments	Optical	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	Analysis/Measurement/ControlTech	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	8
	MedicalTechn	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	NuclearTechn	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
Chemistry	OrganicChem	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Polymers	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
	Pharmaceuticals/Cosmetics	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	Biotechnology	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Agric&Foods	-	-	-	-	-	-	-	0
	PetrolChem/MaterialsChem	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	SurfaceTechn	75.0%	25.0%	0.0%	0.0%	0.0%	0.0%	100%	4
	Materials	-	-	-	-	-	-	-	0
ProcEng	ChemEngineering	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Matprocessing/Textiles/Paper	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
	Handl/Printing	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Agric&FoodProcess-Machines	-	-	-	-	-	-	-	0
	Environment	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
MechEng	MachineTools	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	Motors	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	ThermProcesses	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
	MechElements	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	4
	Transportation	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
ConsConst	ConsGoods	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	ConstrTechn	-	-	-	-	-	-	-	0
All		97.8%	1.1%	1.1%	0.0%	0.0%	0.0%	100%	90

		はい	いいえ	分からない	Total
ElecEng	Electr/Energy	257	21	5	283
	Audiovisual	149	12	1	162
	Telecom	176	16	3	195
	IT	154	13	0	167
	Semiconductors	118	25	1	144
Instruments	Optical	140	16	1	157
	Analysis/Masurement/ControlTech	194	43	9	246
	MedicalTechn	109	19	2	130
	NuclearTechn	10	4	0	14
Chemistry	OrganicChem	124	27	5	156
	Polymers	115	14	2	131
	Pharmaceuticals/Cosmetics	85	30	3	118
	Biotechnology	49	37	3	89
	Agric&Foods	16	3	1	20
	PetrolChem/MaterialsChem	58	12	1	71
	SurfaceTechn	51	9	0	60
	Materials	90	12	1	103
ProcEng	ChemEngineering	59	11	0	70
	Matprocessing/Textiles/Paper	106	19	4	129
	Handl/Printing	119	7	1	127
	Agric&FoodProcess-Machines	6	3	0	9
	Environment	26	5	1	32
MechEng	MachineTools	61	8	2	71
	Motors	143	9	4	156
	ThermProcesses	37	4	1	42
	MechElements	117	8	5	130
	Transportation	179	7	5	191
ConsConst	ConsGoods	71	9	0	80
	ConstrTechn	18	4	1	23
Total		2,837	407	62	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	92.4%	7.6%	100%	278
	Audiovisual	92.5%	7.5%	100%	161
	Telecom	91.7%	8.3%	100%	192
	IT	92.2%	7.8%	100%	167
	Semiconductors	82.5%	17.5%	100%	143
Instruments	Optical	89.7%	10.3%	100%	156
	Analysis/Masurement/ControlTech	81.9%	18.1%	100%	237
	MedicalTechn	85.2%	14.8%	100%	128
	NuclearTechn	71.4%	28.6%	100%	14
Chemistry	OrganicChem	82.1%	17.9%	100%	151
	Polymers	89.1%	10.9%	100%	129
	Pharmaceuticals/Cosmetics	73.9%	26.1%	100%	115
	Biotechnology	57.0%	43.0%	100%	86
	Agric&Foods	84.2%	15.8%	100%	19
	PetrolChem/MaterialsChem	82.9%	17.1%	100%	70
	SurfaceTechn	85.0%	15.0%	100%	60
	Materials	88.2%	11.8%	100%	102
ProcEng	ChemEngineering	84.3%	15.7%	100%	70
	Matprocessing/Textiles/Paper	84.8%	15.2%	100%	125
	Handl/Printing	94.4%	5.6%	100%	126
	Agric&FoodProcess-Machines	66.7%	33.3%	100%	9
	Environment	83.9%	16.1%	100%	31
MechEng	MachineTools	88.4%	11.6%	100%	69
	Motors	94.1%	5.9%	100%	152
	ThermProcesses	90.2%	9.8%	100%	41
	MechElements	93.6%	6.4%	100%	125
	Transportation	96.2%	3.8%	100%	186
ConsConst	ConsGoods	88.8%	11.3%	100%	80
	ConstrTechn	81.8%	18.2%	100%	22
All		87.5%	12.5%	100%	3244

		-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-	無回答	Total
ElecEng	Electr/Energy	3	8	10	38	69	47	51	47	3	7	283
	Audiovisual	2	1	11	24	37	26	31	27	0	3	162
	Telecom	2	6	8	20	35	42	34	42	1	5	195
	IT	0	2	6	19	20	38	31	43	2	6	167
	Semiconductors	2	1	6	23	21	25	41	21	2	2	144
Instruments	Optical	0	6	5	15	32	36	31	25	0	7	157
	Analysis/Measurement/ControlTech	7	9	12	32	44	61	34	36	1	10	246
	MedicalTechn	3	2	4	17	25	33	22	21	0	3	130
	NuclearTechn	0	2	2	4	1	2	2	0	1	0	14
Chemistry	OrganicChem	5	5	11	29	31	34	22	16	1	2	156
	Polymers	2	3	8	16	19	39	15	25	0	4	131
	Pharmaceuticals/Cosmetics	2	7	8	22	31	24	12	11	0	1	118
	Biotechnology	3	6	6	18	10	25	14	7	0	0	89
	Agric&Foods	1	0	2	5	3	5	0	3	0	1	20
	PetrolChem/MaterialsChem	3	2	7	7	8	17	16	8	0	3	71
	SurfaceTechn	0	3	4	9	16	11	7	8	0	2	60
	Materials	1	3	8	11	21	24	21	12	0	2	103
ProcEng	ChemEngineering	0	2	4	9	15	12	17	9	1	1	70
	Matprocessing/Textiles/Paper	1	8	6	16	23	31	23	14	1	6	129
	Handl/Printing	0	2	3	27	18	25	25	19	2	6	127
	Agric&FoodProcess-Machines	1	1	1	3	1	0	0	0	2	0	9
	Environment	0	3	2	4	5	5	6	5	0	2	32
MechEng	MachineTools	3	3	3	14	13	8	12	12	2	1	71
	Motors	2	3	8	20	33	35	23	30	0	2	156
	ThermProcesses	0	1	2	4	4	12	12	5	0	2	42
	MechElements	1	4	9	13	29	15	25	29	1	4	130
	Transportation	0	5	8	29	37	43	23	36	3	7	191
ConsConst	ConsGoods	0	2	6	14	22	16	17	1	0	2	80
	ConstrTechn	2	2	0	2	2	8	3	4	0	0	23
Total		46	102	170	464	625	699	570	516	23	91	3,306

		-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-	Total	N
ElecEng	Electr/Energy	1.1%	2.9%	3.6%	13.8%	25.0%	17.0%	18.5%	17.0%	1.1%	100%	276
	Audiovisual	1.3%	0.6%	6.9%	15.1%	23.3%	16.4%	19.5%	17.0%	0.0%	100%	159
	Telecom	1.1%	3.2%	4.2%	10.5%	18.4%	22.1%	17.9%	22.1%	0.5%	100%	190
	IT	0.0%	1.2%	3.7%	11.8%	12.4%	23.6%	19.3%	26.7%	1.2%	100%	161
	Semiconductors	1.4%	0.7%	4.2%	16.2%	14.8%	17.6%	28.9%	14.8%	1.4%	100%	142
Instruments	Optical	0.0%	4.0%	3.3%	10.0%	21.3%	24.0%	20.7%	16.7%	0.0%	100%	150
	Analysis/Measurement/ControlTech	3.0%	3.8%	5.1%	13.6%	18.6%	25.8%	14.4%	15.3%	0.4%	100%	236
	MedicalTechn	2.4%	1.6%	3.1%	13.4%	19.7%	26.0%	17.3%	16.5%	0.0%	100%	127
	NuclearTechn	0.0%	14.3%	14.3%	28.6%	7.1%	14.3%	14.3%	0.0%	7.1%	100%	14
Chemistry	OrganicChem	3.2%	3.2%	7.1%	18.8%	20.1%	22.1%	14.3%	10.4%	0.6%	100%	154
	Polymers	1.6%	2.4%	6.3%	12.6%	15.0%	30.7%	11.8%	19.7%	0.0%	100%	127
	Pharmaceuticals/Cosmetics	1.7%	6.0%	6.8%	18.8%	26.5%	20.5%	10.3%	9.4%	0.0%	100%	117
	Biotechnology	3.4%	6.7%	6.7%	20.2%	11.2%	28.1%	15.7%	7.9%	0.0%	100%	89
	Agric&Foods	5.3%	0.0%	10.5%	26.3%	15.8%	26.3%	0.0%	15.8%	0.0%	100%	19
	PetrolChem/MaterialsChem	4.4%	2.9%	10.3%	10.3%	11.8%	25.0%	23.5%	11.8%	0.0%	100%	68
	SurfaceTechn	0.0%	5.2%	6.9%	15.5%	27.6%	19.0%	12.1%	13.8%	0.0%	100%	58
	Materials	1.0%	3.0%	7.9%	10.9%	20.8%	23.8%	20.8%	11.9%	0.0%	100%	101
ProcEng	ChemEngineering	0.0%	2.9%	5.8%	13.0%	21.7%	17.4%	24.6%	13.0%	1.4%	100%	69
	Matprocessing/Textiles/Paper	0.8%	6.5%	4.9%	13.0%	18.7%	25.2%	18.7%	11.4%	0.8%	100%	123
	Handl/Printing	0.0%	1.7%	2.5%	22.3%	14.9%	20.7%	20.7%	15.7%	1.7%	100%	121
	Agric&FoodProcess-Machines	11.1%	11.1%	11.1%	33.3%	11.1%	0.0%	0.0%	0.0%	22.2%	100%	9
	Environment	0.0%	10.0%	6.7%	13.3%	16.7%	16.7%	20.0%	16.7%	0.0%	100%	30
MechEng	MachineTools	4.3%	4.3%	4.3%	20.0%	18.6%	11.4%	17.1%	17.1%	2.9%	100%	70
	Motors	1.3%	1.9%	5.2%	13.0%	21.4%	22.7%	14.9%	19.5%	0.0%	100%	154
	ThermProcesses	0.0%	2.5%	5.0%	10.0%	10.0%	30.0%	30.0%	12.5%	0.0%	100%	40
	MechElements	0.8%	3.2%	7.1%	10.3%	23.0%	11.9%	19.8%	23.0%	0.8%	100%	126
	Transportation	0.0%	2.7%	4.3%	15.8%	20.1%	23.4%	12.5%	19.6%	1.6%	100%	184
ConsConst	ConsGoods	0.0%	2.6%	7.7%	17.9%	28.2%	20.5%	21.8%	1.3%	0.0%	100%	78
	ConstrTechn	8.7%	8.7%	0.0%	8.7%	8.7%	34.8%	13.0%	17.4%	0.0%	100%	23
All		1.4%	3.2%	5.3%	14.4%	19.4%	21.7%	17.7%	16.0%	0.7%	100%	3215

		-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-	無回答	Total
ElecEng	Electr/Energy	2	3	13	27	47	59	48	71	7	6	283
	Audiovisual	1	0	7	23	25	28	28	42	4	4	162
	Telecom	2	3	3	19	28	42	40	50	3	5	195
	IT	0	1	2	16	21	29	31	54	7	6	167
	Semiconductors	2	0	6	16	17	28	31	36	5	3	144
Instruments	Optical	0	3	4	13	26	36	27	35	4	9	157
	Analysis/Measurement/ControlTech	0	4	10	22	38	60	36	53	8	15	246
	MedicalTechn	2	2	3	13	23	21	25	34	3	4	130
	NuclearTechn	0	0	1	3	5	2	0	2	1	0	14
Chemistry	OrganicChem	3	4	5	14	29	27	28	37	6	3	156
	Polymers	1	2	3	13	18	31	29	28	1	5	131
	Pharmaceuticals/Cosmetics	1	3	1	3	25	28	16	31	7	3	118
	Biotechnology	0	3	3	6	10	15	22	21	7	2	89
	Agric&Foods	0	0	0	1	3	4	5	5	0	2	20
	PetrolChem/MaterialsChem	3	1	1	7	7	20	11	17	1	3	71
	SurfaceTechn	0	0	3	3	15	15	11	10	1	2	60
	Materials	0	1	4	11	19	22	18	21	2	5	103
ProcEng	ChemEngineering	1	1	0	8	9	10	17	22	1	1	70
	Matprocessing/Textiles/Paper	2	2	6	9	21	26	31	22	3	7	129
	Handl/Printing	0	0	5	15	17	20	26	31	5	8	127
	Agric&FoodProcess-Machines	0	1	0	1	4	1	0	1	1	0	9
	Environment	1	1	3	1	5	4	6	8	3	0	32
MechEng	MachineTools	2	0	2	3	16	17	9	16	5	1	71
	Motors	1	3	3	16	25	28	29	41	5	5	156
	ThermProcesses	0	0	3	1	4	9	13	8	1	3	42
	MechElements	1	2	5	10	23	21	25	33	5	5	130
	Transportation	0	3	5	18	36	48	23	40	12	6	191
ConsConst	ConsGoods	0	1	3	13	14	18	11	14	1	5	80
	ConstrTechn	1	0	1	1	1	6	7	5	1	0	23
Total		26	44	105	306	531	675	603	788	110	118	3,306

		-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-	Total	N
ElecEng	Electr/Energy	0.7%	1.1%	4.7%	9.7%	17.0%	21.3%	17.3%	25.6%	2.5%	100%	277
	Audiovisual	0.6%	0.0%	4.4%	14.6%	15.8%	17.7%	17.7%	26.6%	2.5%	100%	158
	Telecom	1.1%	1.6%	1.6%	10.0%	14.7%	22.1%	21.1%	26.3%	1.6%	100%	190
	IT	0.0%	0.6%	1.2%	9.9%	13.0%	18.0%	19.3%	33.5%	4.3%	100%	161
	Semiconductors	1.4%	0.0%	4.3%	11.3%	12.1%	19.9%	22.0%	25.5%	3.5%	100%	141
Instruments	Optical	0.0%	2.0%	2.7%	8.8%	17.6%	24.3%	18.2%	23.6%	2.7%	100%	148
	Analysis/Measurement/ControlTech	0.0%	1.7%	4.3%	9.5%	16.5%	26.0%	15.6%	22.9%	3.5%	100%	231
	MedicalTechn	1.6%	1.6%	2.4%	10.3%	18.3%	16.7%	19.8%	27.0%	2.4%	100%	126
	NuclearTechn	0.0%	0.0%	7.1%	21.4%	35.7%	14.3%	0.0%	14.3%	7.1%	100%	14
Chemistry	OrganicChem	2.0%	2.6%	3.3%	9.2%	19.0%	17.6%	18.3%	24.2%	3.9%	100%	153
	Polymers	0.8%	1.6%	2.4%	10.3%	14.3%	24.6%	23.0%	22.2%	0.8%	100%	126
	Pharmaceuticals/Cosmetics	0.9%	2.6%	0.9%	2.6%	21.7%	24.3%	13.9%	27.0%	6.1%	100%	115
	Biotechnology	0.0%	3.4%	3.4%	6.9%	11.5%	17.2%	25.3%	24.1%	8.0%	100%	87
	Agric&Foods	0.0%	0.0%	0.0%	5.6%	16.7%	22.2%	27.8%	27.8%	0.0%	100%	18
	PetrolChem/MaterialsChem	4.4%	1.5%	1.5%	10.3%	10.3%	29.4%	16.2%	25.0%	1.5%	100%	68
	SurfaceTechn	0.0%	0.0%	5.2%	5.2%	25.9%	25.9%	19.0%	17.2%	1.7%	100%	58
	Materials	0.0%	1.0%	4.1%	11.2%	19.4%	22.4%	18.4%	21.4%	2.0%	100%	98
ProcEng	ChemEngineering	1.4%	1.4%	0.0%	11.6%	13.0%	14.5%	24.6%	31.9%	1.4%	100%	69
	Matprocessing/Textiles/Paper	1.6%	1.6%	4.9%	7.4%	17.2%	21.3%	25.4%	18.0%	2.5%	100%	122
	Handl/Printing	0.0%	0.0%	4.2%	12.6%	14.3%	16.8%	21.8%	26.1%	4.2%	100%	119
	Agric&FoodProcess-Machines	0.0%	11.1%	0.0%	11.1%	44.4%	11.1%	0.0%	11.1%	11.1%	100%	9
	Environment	3.1%	3.1%	9.4%	3.1%	15.6%	12.5%	18.8%	25.0%	9.4%	100%	32
MechEng	MachineTools	2.9%	0.0%	2.9%	4.3%	22.9%	24.3%	12.9%	22.9%	7.1%	100%	70
	Motors	0.7%	2.0%	2.0%	10.6%	16.6%	18.5%	19.2%	27.2%	3.3%	100%	151
	ThermProcesses	0.0%	0.0%	7.7%	2.6%	10.3%	23.1%	33.3%	20.5%	2.6%	100%	39
	MechElements	0.8%	1.6%	4.0%	8.0%	18.4%	16.8%	20.0%	26.4%	4.0%	100%	125
	Transportation	0.0%	1.6%	2.7%	9.7%	19.5%	25.9%	12.4%	21.6%	6.5%	100%	185
ConsConst	ConsGoods	0.0%	1.3%	4.0%	17.3%	18.7%	24.0%	14.7%	18.7%	1.3%	100%	75
	ConstrTechn	4.3%	0.0%	4.3%	4.3%	4.3%	26.1%	30.4%	21.7%	4.3%	100%	23
All		0.8%	1.4%	3.3%	9.6%	16.7%	21.2%	18.9%	24.7%	3.5%	100%	3188

		N	mean	p50	sd	min	max
ElecEng	Electr/Energy	274	64.1	30.0	85.2	1	528
	Audiovisual	158	76.5	40.0	98.5	1	600
	Telecom	184	49.1	26.0	73.0	1	500
	IT	157	41.0	20.0	56.9	1	300
	Semiconductors	140	68.0	30.0	174.8	1	2000
Instruments	Optical	145	75.2	40.0	92.6	1	500
	Analysis/Measurement/ControlTech	233	46.8	25.0	63.2	1	400
	MedicalTechn	126	59.7	30.0	74.7	1	500
	NuclearTechn	14	64.6	30.5	102.2	5	400
Chemistry	OrganicChem	151	39.3	20.0	55.2	1	400
	Polymers	125	55.9	40.0	53.9	1	300
	Pharmaceuticals/Cosmetics	113	23.9	10.0	30.2	1	150
	Biotechnology	83	38.9	15.0	64.5	1	450
	Agric&Foods	18	34.0	30.0	27.8	3	100
	PetrolChem/MaterialsChem	68	47.6	33.0	48.6	1	233
	SurfaceTechn	58	41.3	30.0	39.3	2	200
	Materials	96	70.0	50.0	81.8	1	500
ProcEng	ChemEngineering	68	50.8	30.0	66.6	1	400
	Matprocessing/Textiles/Paper	120	51.5	36.0	51.9	1	300
	Handl/Printing	119	69.7	30.0	93.9	1	500
	Agric&FoodProcess-Machines	9	29.7	20.0	26.4	2	90
	Environment	32	79.9	30.0	175.8	5	1000
MechEng	MachineTools	69	43.4	20.0	70.2	1	400
	Motors	149	56.5	20.0	86.5	1	500
	ThermProcesses	38	82.2	40.0	163.9	4	1000
	MechElements	122	47.5	20.0	74.0	1	550
	Transportation	179	53.7	30.0	72.3	1	500
ConsConst	ConsGoods	73	62.2	40.0	65.8	1	330
	ConstrTechn	22	58.3	37.5	74.4	3	350
All		3143	55.1	30	83.7	1	2000

		N	mean	p50	sd	min	max
ElecEng	Electr/Energy	273	63.9	60	28.7	1	100
	Audiovisual	156	64.4	70	27.3	2	100
	Telecom	186	69.9	80	28.9	4	100
	IT	155	71.3	80	29.0	5	100
	Semiconductors	140	70.7	77.5	25.9	1	100
Instruments	Optical	141	69.0	80	27.5	2	100
	Analysis/Measurement/ControlTech	234	64.4	70	30.3	1	100
	MedicalTechn	123	68.3	70	28.1	0.9	100
	NuclearTechn	14	74.1	90	31.4	10	100
Chemistry	OrganicChem	148	66.6	70	30.3	1	100
	Polymers	124	64.0	70	31.7	0.1	100
	Pharmaceuticals/Cosmetics	113	67.2	80	32.4	1	100
	Biotechnology	83	75.3	80	29.2	1	100
	Agric&Foods	17	70.9	75	20.1	20	100
	PetrolChem/MaterialsChem	67	64.9	80	32.8	1	100
	SurfaceTechn	58	66.5	77.5	29.3	5	100
	Materials	96	69.5	77.5	28.3	5	100
ProcEng	ChemEngineering	68	69.6	80	29.8	5	100
	Matprocessing/Textiles/Paper	118	66.2	70	29.2	5	100
	Handl/Printing	115	61.9	60	31.5	3	100
	Agric&FoodProcess-Machines	8	62.5	60	21.9	30	100
	Environment	32	59.5	50	32.5	0.05	100
MechEng	MachineTools	68	70.3	70	24.8	10	100
	Motors	148	58.5	53	31.7	1.8	100
	ThermProcesses	38	58.4	55	30.8	10	100
	MechElements	119	59.5	60	30.1	2	100
	Transportation	179	62.4	70	29.2	1	100
ConsConst	ConsGoods	73	63.0	70	29.4	5	100
	ConstrTechn	20	73.1	80	31.6	5	100
All		3114	66.0	70	29.5	0.05	100

		N	mean	p50	sd	min	max
ElecEng	Electr/Energy	275	8.5	1	34.6	0	410
	Audiovisual	160	4.2	1	8.5	0	50
	Telecom	184	5.0	1	15.2	0	170
	IT	159	3.9	0	17.0	0	200
	Semiconductors	142	26.0	2	146.9	0	1600
Instruments	Optical	148	9.1	1	22.6	0	150
	Analysis/Measurement/ControlTech	237	11.6	2	38.4	0	385
	MedicalTechn	123	15.1	1	43.7	0	271
	NuclearTechn	14	30.7	12.5	42.2	0	130
Chemistry	OrganicChem	152	20.4	4	49.5	0	300
	Polymers	125	7.2	2	26.1	0	248
	Pharmaceuticals/Cosmetics	116	38.2	8	80.5	0	500
	Biotechnology	85	38.4	12	59.1	0	300
	Agric&Foods	18	4.8	2.5	5.5	0	16
	PetrolChem/MaterialsChem	69	6.5	2	11.6	0	71
	SurfaceTechn	60	11.7	2	30.4	0	200
	Materials	98	22.5	5	59.7	0	350
ProcEng	ChemEngineering	69	9.5	2	22.7	0	150
	Matprocessing/Textiles/Paper	123	6.5	0	30.7	0	300
	Handl/Printing	120	1.4	0	3.1	0	20
	Agric&FoodProcess-Machines	8	61.6	2.5	151.0	0	433
	Environment	32	3.8	3	4.3	0	15
MechEng	MachineTools	68	9.0	0	38.7	0	300
	Motors	150	2.2	0	4.9	0	40
	ThermProcesses	40	2.6	1	4.6	0	20
	MechElements	125	1.5	0	4.1	0	40
	Transportation	182	3.9	0	29.8	0	400
ConsConst	ConsGoods	76	1.1	0	2.5	0	15
	ConstrTechn	22	6.3	0	21.9	0	100
All		3180	10.7	1	46.8	0	1600

B16 「当該発明」を生み出す前の5年間に勤務先を変った回数

	N	mean	p50	sd	min	max
ElecEng	755	0.14	0	0.50	0	6
Instruments	421	0.09	0	0.37	0	3
Chemistry	593	0.15	0	0.50	0	4
ProcEng	290	0.07	0	0.33	0	3
MechEng	469	0.10	0	0.42	0	5
ConsConst	85	0.09	0	0.33	0	2
All	2613	0.12	0	0.45	0	6

B17 「当該発明」より前で最も最近の勤務先変更年(西暦)

	1998	1999	2000	2001	2002	2003	2004	2005	Total
ElecEng	4	8	11	15	20	14	8	0	80
Instruments	3	2	8	3	6	4	1	2	29
Chemistry	2	3	17	15	8	10	5	1	61
ProcEng	1	0	0	4	5	5	1	0	16
MechEng	3	6	7	5	8	5	3	0	37
ConsConst	0	1	0	4	0	1	1	0	7
Total	13	20	43	46	47	39	19	3	230

	1998	1999	2000	2001	2002	2003	2004	2005	Total	N
ElecEng	5%	10%	14%	19%	25%	18%	10%	0%	100%	80
Instruments	10%	7%	28%	10%	21%	14%	3%	7%	100%	29
Chemistry	3%	5%	28%	25%	13%	16%	8%	2%	100%	61
ProcEng	6%	0%	0%	25%	31%	31%	6%	0%	100%	16
MechEng	8%	16%	19%	14%	22%	14%	8%	0%	100%	37
ConsConst	0%	14%	0%	57%	0%	14%	14%	0%	100%	7
All	6%	9%	19%	20%	20%	17%	8%	1%	100%	230

【複数回答可】

	家庭の事情	昇進	高い給与水準	以前の勤務先の倒産・清算・売却	起業するため	新しい勤務先の研究活動・発明活動が魅力的	その他	無回答	All
ElecEng	8	3	15	8	4	34	20	0	80
Instruments	6	3	2	2	0	15	3	0	29
Chemistry	7	1	2	3	0	30	21	0	61
ProcEng	0	1	2	2	0	6	8	0	16
MechEng	3	2	6	0	0	15	15	0	37
ConsConst	2	0	1	0	0	3	2	0	7
Total	26	10	28	15	4	103	69	0	230

	家庭の事情	昇進	高い給与水準	以前の勤務先の倒産・清算・売却	起業するため	新しい勤務先の研究活動・発明活動が魅力的	その他	N
ElecEng	10.0%	3.8%	18.8%	10.0%	5.0%	42.5%	25.0%	80
Instruments	20.7%	10.3%	6.9%	6.9%	0.0%	51.7%	10.3%	29
Chemistry	11.5%	1.6%	3.3%	4.9%	0.0%	49.2%	34.4%	61
ProcEng	0.0%	6.3%	12.5%	12.5%	0.0%	37.5%	50.0%	16
MechEng	8.1%	5.4%	16.2%	0.0%	0.0%	40.5%	40.5%	37
ConsConst	28.6%	0.0%	14.3%	0.0%	0.0%	42.9%	28.6%	7
All	11.3%	4.3%	12.2%	6.5%	1.7%	44.8%	30.0%	230

	民間企業	政府系研究機関	大学・その他の研究機関	その他の政府機関	民間病院・民間研究機関・財団法人	その他	無回答	Total
ElecEng	70	2	6	0	1	1	0	80
Instruments	22	0	6	0	0	0	1	29
Chemistry	45	3	9	0	3	1	0	61
ProcEng	14	0	1	0	1	0	0	16
MechEng	37	0	0	0	0	0	0	37
ConsConst	7	0	0	0	0	0	0	7
Total	195	5	22	0	5	2	1	230

	民間企業	政府系研究機関	大学・その他の教育機関	その他の政府機関	民間病院・民間研究機関・財団法人	その他	Total	N
ElecEng	87.5%	2.5%	7.5%	0.0%	1.3%	1.3%	100.0%	80
Instruments	78.6%	0.0%	21.4%	0.0%	0.0%	0.0%	100.0%	28
Chemistry	73.8%	4.9%	14.8%	0.0%	4.9%	1.6%	100.0%	61
ProcEng	87.5%	0.0%	6.3%	0.0%	6.3%	0.0%	100.0%	16
MechEng	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	37
ConsConst	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	7
All	85.2%	2.2%	9.6%	0.0%	2.2%	0.9%	100.0%	229

B22_1 新しい勤務先では経験が適用できなかった

	1	2	3	4	5	無回答	Total
ElecEng	7	5	6	11	31	20	80
Instruments	5	1	6	3	8	6	29
Chemistry	7	6	5	10	18	15	61
ProcEng	2	0	5	0	5	4	16
MechEng	4	4	3	3	13	10	37
ConsConst	1	1	0	3	2	0	7
Total	26	17	25	30	77	55	230

	1	2	3	4	5	Total	N
ElecEng	11.7%	8.3%	10.0%	18.3%	51.7%	100%	60
Instruments	21.7%	4.3%	26.1%	13.0%	34.8%	100%	23
Chemistry	15.2%	13.0%	10.9%	21.7%	39.1%	100%	46
ProcEng	16.7%	0.0%	41.7%	0.0%	41.7%	100%	12
MechEng	14.8%	14.8%	11.1%	11.1%	48.1%	100%	27
ConsConst	14.3%	14.3%	0.0%	42.9%	28.6%	100%	7
All	14.9%	9.7%	14.3%	17.1%	44.0%	100%	175

B22_2 新しい勤務先では新たな専門知識の習得に多大な時間を費やさなければならなかった

	1	2	3	4	5	無回答	Total
ElecEng	8	13	19	12	20	8	80
Instruments	3	3	6	8	5	4	29
Chemistry	9	13	12	16	4	7	61
ProcEng	2	2	3	2	5	2	16
MechEng	5	3	4	5	14	6	37
ConsConst	0	2	2	1	2	0	7
Total	27	36	46	44	50	27	230

	1	2	3	4	5	Total	N
ElecEng	11.1%	18.1%	26.4%	16.7%	27.8%	100%	72
Instruments	12.0%	12.0%	24.0%	32.0%	20.0%	100%	25
Chemistry	16.7%	24.1%	22.2%	29.6%	7.4%	100%	54
ProcEng	14.3%	14.3%	21.4%	14.3%	35.7%	100%	14
MechEng	16.1%	9.7%	12.9%	16.1%	45.2%	100%	31
ConsConst	0.0%	28.6%	28.6%	14.3%	28.6%	100%	7
All	13.3%	17.7%	22.7%	21.7%	24.6%	100%	203

	1	2	3	4	5	無回答	Total
ElecEng	26	28	9	4	5	8	80
Instruments	9	7	3	4	2	4	29
Chemistry	22	11	15	5	4	4	61
ProcEng	7	3	3	1	2	0	16
MechEng	11	13	5	4	1	3	37
ConsConst	3	3	0	1	0	0	7
Total	78	65	35	19	14	19	230

	1	2	3	4	5	Total	N
ElecEng	36.1%	38.9%	12.5%	5.6%	6.9%	100%	72
Instruments	36.0%	28.0%	12.0%	16.0%	8.0%	100%	25
Chemistry	38.6%	19.3%	26.3%	8.8%	7.0%	100%	57
ProcEng	43.8%	18.8%	18.8%	6.3%	12.5%	100%	16
MechEng	32.4%	38.2%	14.7%	11.8%	2.9%	100%	34
ConsConst	42.9%	42.9%	0.0%	14.3%	0.0%	100%	7
All	37.0%	30.8%	16.6%	9.0%	6.6%	100%	211

	1	2	3	4	5	無回答	Total
ElecEng	22	23	15	7	5	8	80
Instruments	7	6	5	4	4	3	29
Chemistry	14	19	13	7	3	5	61
ProcEng	7	3	6	0	0	0	16
MechEng	4	14	9	3	3	4	37
ConsConst	4	2	0	0	1	0	7
Total	58	67	48	21	16	20	230

	1	2	3	4	5	Total	N
ElecEng	30.6%	31.9%	20.8%	9.7%	6.9%	100%	72
Instruments	26.9%	23.1%	19.2%	15.4%	15.4%	100%	26
Chemistry	25.0%	33.9%	23.2%	12.5%	5.4%	100%	56
ProcEng	43.8%	18.8%	37.5%	0.0%	0.0%	100%	16
MechEng	12.1%	42.4%	27.3%	9.1%	9.1%	100%	33
ConsConst	57.1%	28.6%	0.0%	0.0%	14.3%	100%	7
All	27.6%	31.9%	22.9%	10.0%	7.6%	100%	210

		less than 1%	1-less than 10%	10-less than 20%	20-less than 30%	30-less than 40%	40-less than 50%	50-less than 60%	60-less than 70%	70-less than 80%	80-less than 90%	90-less than	100%	無回答	Total
ElecEng	Electr/Energy	1	62	41	33	24	5	19	7	20	18	4	7	42	283
	Audiovisual	0	43	33	17	10	2	12	3	2	2	4	0	34	162
	Telecom	0	48	46	16	8	3	14	0	10	4	2	1	43	195
	IT	1	45	26	12	15	1	7	7	1	4	3	2	43	167
	Semiconductors	0	27	30	14	11	1	17	2	9	7	5	2	19	144
Instruments	Optical	1	27	38	14	9	1	15	2	6	12	5	4	23	157
	Analysis/Measurement/ControlTech	1	41	35	25	12	3	28	12	13	14	3	5	54	246
	MedicalTechn	0	27	19	13	9	1	17	3	6	4	0	1	30	130
	NuclearTechn	0	2	3	3	0	0	3	0	1	1	0	0	1	14
	OrganicChem	0	4	4	9	9	2	20	6	14	27	19	16	26	156
Chemistry	Polymers	1	9	7	4	9	0	32	8	12	22	5	5	17	131
	Pharmaceuticals/Cosmetics	0	5	10	13	5	3	12	4	19	16	7	4	20	118
	Biotechnology	0	5	10	4	8	1	13	5	4	7	6	8	18	89
	Agric&Foods	1	0	2	2	1	1	2	4	3	1	0	0	3	20
	PetrolChem/MaterialsChem	1	4	5	8	6	1	11	4	7	13	2	1	8	71
ProcEng	SurfaceTechn	0	3	7	7	3	1	9	4	2	6	5	3	10	60
	Materials	0	11	11	10	7	1	15	4	5	9	6	3	21	103
	ChemEngineering	0	5	6	8	8	1	10	3	4	8	1	3	13	70
	Matprocessing/Textiles/Paper	0	11	10	10	9	2	20	9	10	6	5	2	35	129
	Handl/Printing	0	20	22	13	8	0	7	7	3	10	3	0	34	127
MechEng	Agric&FoodProcess-Machines	0	0	3	1	1	0	2	0	0	0	0	0	2	9
	Environment	0	12	4	5	1	1	0	1	3	0	0	1	4	32
	MachineTools	0	10	9	5	7	3	6	1	2	5	2	0	21	71
	Motors	1	50	18	14	8	1	10	4	3	3	2	3	39	156
	ThermProcesses	0	12	5	2	0	0	3	1	2	4	0	1	12	42
ConsConst	MechElements	0	25	27	10	12	2	4	4	5	6	0	1	34	130
	Transportation	0	44	26	20	13	5	16	3	4	4	2	2	52	191
	ConsGoods	0	12	8	15	7	0	4	2	2	4	0	2	24	80
	ConstrTechn	1	3	5	3	1	0	3	0	1	0	2	0	4	23
	Total	9	567	470	310	221	42	331	110	173	217	93	77	686	3306

		less than 1%	1-less than 10%	10-less than 20%	20-less than 30%	30-less than 40%	40-less than 50%	50-less than 60%	60-less than 70%	70-less than 80%	80-less than 90%	90-less than	100%	Total	N
ElecEng	Electr/Energy	0.4%	25.7%	17.0%	13.7%	10.0%	2.1%	7.9%	2.9%	8.3%	7.5%	1.7%	2.9%	100%	241
	Audiovisual	0.0%	33.6%	25.8%	13.3%	7.8%	1.6%	9.4%	2.3%	1.6%	1.6%	3.1%	0.0%	100%	128
	Telecom	0.0%	31.6%	30.3%	10.5%	5.3%	2.0%	9.2%	0.0%	6.6%	2.6%	1.3%	0.7%	100%	152
	IT	0.8%	36.3%	21.0%	9.7%	12.1%	0.8%	5.6%	5.6%	0.8%	3.2%	2.4%	1.6%	100%	124
	Semiconductors	0.0%	21.6%	24.0%	11.2%	8.8%	0.8%	13.6%	1.6%	7.2%	5.6%	4.0%	1.6%	100%	125
Instruments	Optical	0.7%	20.1%	28.4%	10.4%	6.7%	0.7%	11.2%	1.5%	4.5%	9.0%	3.7%	3.0%	100%	134
	Analysis/Measurement/ControlTech	0.5%	21.4%	18.2%	13.0%	6.3%	1.6%	14.6%	6.3%	6.8%	7.3%	1.6%	2.6%	100%	192
	MedicalTechn	0.0%	27.0%	19.0%	13.0%	9.0%	1.0%	17.0%	3.0%	6.0%	4.0%	0.0%	1.0%	100%	100
	NuclearTechn	0.0%	15.4%	23.1%	23.1%	0.0%	0.0%	23.1%	0.0%	7.7%	7.7%	0.0%	0.0%	100%	13
	OrganicChem	0.0%	3.1%	3.1%	6.9%	6.9%	1.5%	15.4%	4.6%	10.8%	20.8%	14.6%	12.3%	100%	130
Chemistry	Polymers	0.9%	7.9%	6.1%	3.5%	7.9%	0.0%	28.1%	7.0%	10.5%	19.3%	4.4%	4.4%	100%	114
	Pharmaceuticals/Cosmetics	0.0%	5.1%	10.2%	13.3%	5.1%	3.1%	12.2%	4.1%	19.4%	16.3%	7.1%	4.1%	100%	98
	Biotechnology	0.0%	7.0%	14.1%	5.6%	11.3%	1.4%	18.3%	7.0%	5.6%	9.9%	8.5%	11.3%	100%	71
	Agric&Foods	5.9%	0.0%	11.8%	11.8%	5.9%	5.9%	11.8%	23.5%	17.6%	5.9%	0.0%	0.0%	100%	17
	PetrolChem/MaterialsChem	1.6%	6.3%	7.9%	12.7%	9.5%	1.6%	17.5%	6.3%	11.1%	20.6%	3.2%	1.6%	100%	63
ProcEng	SurfaceTechn	0.0%	6.0%	14.0%	14.0%	6.0%	2.0%	18.0%	8.0%	4.0%	12.0%	10.0%	6.0%	100%	50
	Materials	0.0%	13.4%	13.4%	12.2%	8.5%	1.2%	18.3%	4.9%	6.1%	11.0%	7.3%	3.7%	100%	82
	ChemEngineering	0.0%	8.8%	10.5%	14.0%	14.0%	1.8%	17.5%	5.3%	7.0%	14.0%	1.8%	5.3%	100%	57
	Matprocessing/Textiles/Paper	0.0%	11.7%	10.6%	10.6%	9.6%	2.1%	21.3%	9.6%	10.6%	6.4%	5.3%	2.1%	100%	94
	Handl/Printing	0.0%	21.5%	23.7%	14.0%	8.6%	0.0%	7.5%	7.5%	3.2%	10.8%	3.2%	0.0%	100%	93
MechEng	Agric&FoodProcess-Machines	0.0%	0.0%	42.9%	14.3%	14.3%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	7
	Environment	0.0%	42.9%	14.3%	17.9%	3.6%	3.6%	0.0%	3.6%	10.7%	0.0%	0.0%	3.6%	100%	28
	MachineTools	0.0%	20.0%	18.0%	10.0%	14.0%	6.0%	12.0%	2.0%	4.0%	10.0%	4.0%	0.0%	100%	50
	Motors	0.9%	42.7%	15.4%	12.0%	6.8%	0.9%	8.5%	3.4%	2.6%	2.6%	1.7%	2.6%	100%	117
	ThermProcesses	0.0%	40.0%	16.7%	6.7%	0.0%	0.0%	10.0%	3.3%	6.7%	13.3%	0.0%	3.3%	100%	30
ConsConst	MechElements	0.0%	26.0%	28.1%	10.4%	12.5%	2.1%	4.2%	4.2%	5.2%	6.3%	0.0%	1.0%	100%	96
	Transportation	0.0%	31.7%	18.7%	14.4%	9.4%	3.6%	11.5%	2.2%	2.9%	2.9%	1.4%	1.4%	100%	139
	ConsGoods	0.0%	21.4%	14.3%	26.8%	12.5%	0.0%	7.1%	3.6%	3.6%	7.1%	0.0%	3.6%	100%	56
	ConstrTechn	5.3%	15.8%	26.3%	15.8%	5.3%	0.0%	15.8%	0.0%	5.3%	0.0%	10.5%	0.0%	100%	19
	All	0.3%	21.6%	17.9%	11.8%	8.4%	1.6%	12.6%	4.2%	6.6%	8.3%	3.5%	2.9%	100%	2620

		0	1	2	3	4	5	6-10	more than 10	無回答	Total
ElecEng	Electr/Energy	102	21	28	19	15	48	7	24	19	283
	Audiovisual	76	4	13	15	10	12	7	13	12	162
	Telecom	83	22	18	10	6	29	7	7	13	195
	IT	70	14	12	12	0	16	7	19	17	167
	Semiconductors	62	16	8	9	4	16	3	19	7	144
Instruments	Optical	64	16	12	12	4	13	10	8	18	157
	Analysis/Measurement/ControlTech	106	17	20	20	8	28	7	19	21	246
	MedicalTechn	52	15	15	5	6	14	3	7	13	130
	NuclearTechn	4	1	2	0	0	4	0	2	1	14
Chemistry	OrganicChem	59	11	13	9	9	29	0	14	12	156
	Polymers	39	12	16	15	3	23	3	10	10	131
	Pharmaceuticals/Cosmetics	45	9	12	14	4	16	1	10	7	118
	Biotechnology	27	9	8	15	4	12	0	10	4	89
	Agric&Foods	6	3	2	3	1	3	1	0	1	20
	PetrolChem/MaterialsChem	24	12	8	3	3	10	2	4	5	71
	SurfaceTechn	19	9	5	6	3	11	1	2	4	60
	Materials	32	12	13	9	2	20	3	7	5	103
ProcEng	ChemEngineering	26	5	7	7	0	13	2	6	4	70
	Matprocessing/Textiles/Paper	41	18	10	23	2	12	3	14	6	129
	Handl/Printing	48	9	15	6	4	18	6	6	15	127
	Agric&FoodProcess-Machines	3	0	0	0	1	2	1	2	0	9
	Environment	13	2	2	4	0	4	0	5	2	32
MechEng	MachineTools	22	4	4	12	3	13	2	7	4	71
	Motors	60	16	8	8	8	18	8	12	18	156
	ThermProcesses	22	4	5	3	0	2	2	1	3	42
	MechElements	46	13	6	12	2	20	7	11	13	130
	Transportation	75	14	16	13	5	32	7	14	15	191
ConsConst	ConsGoods	34	6	3	10	3	9	2	3	10	80
	ConstrTechn	9	2	3	2	0	2	1	4	0	23
Total		1,269	296	284	276	110	449	103	260	259	3,306

		0	1	2	3	4	5	6-10	more than 10	無回答	Total
ElecEng	Electr/Energy	38.6%	8.0%	10.6%	7.2%	5.7%	18.2%	2.7%	9.1%	100%	264
	Audiovisual	50.7%	2.7%	8.7%	10.0%	6.7%	8.0%	4.7%	8.7%	100%	150
	Telecom	45.6%	12.1%	9.9%	5.5%	3.3%	15.9%	3.8%	3.8%	100%	182
	IT	46.7%	9.3%	8.0%	8.0%	0.0%	10.7%	4.7%	12.7%	100%	150
	Semiconductors	45.3%	11.7%	5.8%	6.6%	2.9%	11.7%	2.2%	13.9%	100%	137
Instruments	Optical	46.0%	11.5%	8.6%	8.6%	2.9%	9.4%	7.2%	5.8%	100%	139
	Analysis/Measurement/ControlTech	47.1%	7.6%	8.9%	8.9%	3.6%	12.4%	3.1%	8.4%	100%	225
	MedicalTechn	44.4%	12.8%	12.8%	4.3%	5.1%	12.0%	2.6%	6.0%	100%	117
	NuclearTechn	30.8%	7.7%	15.4%	0.0%	0.0%	30.8%	0.0%	15.4%	100%	13
Chemistry	OrganicChem	41.0%	7.6%	9.0%	6.3%	6.3%	20.1%	0.0%	9.7%	100%	144
	Polymers	32.2%	9.9%	13.2%	12.4%	2.5%	19.0%	2.5%	8.3%	100%	121
	Pharmaceuticals/Cosmetics	40.5%	8.1%	10.8%	12.6%	3.6%	14.4%	0.9%	9.0%	100%	111
	Biotechnology	31.8%	10.6%	9.4%	17.6%	4.7%	14.1%	0.0%	11.8%	100%	85
	Agric&Foods	31.6%	15.8%	10.5%	15.8%	5.3%	15.8%	5.3%	0.0%	100%	19
	PetrolChem/MaterialsChem	36.4%	18.2%	12.1%	4.5%	4.5%	15.2%	3.0%	6.1%	100%	66
	SurfaceTechn	33.9%	16.1%	8.9%	10.7%	5.4%	19.6%	1.8%	3.6%	100%	56
	Materials	32.7%	12.2%	13.3%	9.2%	2.0%	20.4%	3.1%	7.1%	100%	98
	ChemEngineering	39.4%	7.6%	10.6%	10.6%	0.0%	19.7%	3.0%	9.1%	100%	66
ProcEng	Matprocessing/Textiles/Paper	33.3%	14.6%	8.1%	18.7%	1.6%	9.8%	2.4%	11.4%	100%	123
	Handl/Printing	42.9%	8.0%	13.4%	5.4%	3.6%	16.1%	5.4%	5.4%	100%	112
	Agric&FoodProcess-Machines	33.3%	0.0%	0.0%	0.0%	11.1%	22.2%	11.1%	22.2%	100%	9
	Environment	43.3%	6.7%	6.7%	13.3%	0.0%	13.3%	0.0%	16.7%	100%	30
	MachineTools	32.8%	6.0%	6.0%	17.9%	4.5%	19.4%	3.0%	10.4%	100%	67
MechEng	Motors	43.5%	11.6%	5.8%	5.8%	5.8%	13.0%	5.8%	8.7%	100%	138
	ThermProcesses	56.4%	10.3%	12.8%	7.7%	0.0%	5.1%	5.1%	2.6%	100%	39
	MechElements	39.3%	11.1%	5.1%	10.3%	1.7%	17.1%	6.0%	9.4%	100%	117
	Transportation	42.6%	8.0%	9.1%	7.4%	2.8%	18.2%	4.0%	8.0%	100%	176
ConsConst	ConsGoods	48.6%	8.6%	4.3%	14.3%	4.3%	12.9%	2.9%	4.3%	100%	70
	ConstrTechn	39.1%	8.7%	13.0%	8.7%	0.0%	8.7%	4.3%	17.4%	100%	23
All		41.6%	9.7%	9.3%	9.1%	3.6%	14.7%	3.4%	8.5%	100%	3047

		チーム ワーク	個人での 研究活動	分からな い	Total
ElecEng	Electr/Energy	185	88	10	283
	Audiovisual	106	47	9	162
	Telecom	127	62	6	195
	IT	105	59	3	167
	Semiconductors	99	43	2	144
Instruments	Optical	105	41	11	157
	Analysis/Measurement/ControlTech	155	82	9	246
	MedicalTechn	81	45	4	130
	NuclearTechn	11	2	1	14
Chemistry	OrganicChem	129	24	3	156
	Polymers	101	24	6	131
	Pharmaceuticals/Cosmetics	87	29	2	118
	Biotechnology	63	24	2	89
	Agric&Foods	14	5	1	20
	PetrolChem/MaterialsChem	55	15	1	71
	SurfaceTechn	40	20	0	60
	Materials	69	33	1	103
ProcEng	ChemEngineering	59	10	1	70
	Matprocessing/Textiles/Paper	90	33	6	129
	Handl/Printing	93	28	6	127
	Agric&FoodProcess-Machines	6	3	0	9
	Environment	25	7	0	32
MechEng	MachineTools	48	21	2	71
	Motors	118	32	6	156
	ThermProcesses	35	5	2	42
	MechElements	85	38	7	130
	Transportation	138	44	9	191
ConsConst	ConsGoods	41	30	9	80
	ConstrTechn	15	7	1	23
Total		2,285	901	120	3,306

		チーム ワーク	個人での 研究活動	分からな い	Total
ElecEng	Electr/Energy	67.8%	32.2%	100%	273
	Audiovisual	69.3%	30.7%	100%	153
	Telecom	67.2%	32.8%	100%	189
	IT	64.0%	36.0%	100%	164
	Semiconductors	69.7%	30.3%	100%	142
Instruments	Optical	71.9%	28.1%	100%	146
	Analysis/Measurement/ControlTech	65.4%	34.6%	100%	237
	MedicalTechn	64.3%	35.7%	100%	126
	NuclearTechn	84.6%	15.4%	100%	13
Chemistry	OrganicChem	84.3%	15.7%	100%	153
	Polymers	80.8%	19.2%	100%	125
	Pharmaceuticals/Cosmetics	75.0%	25.0%	100%	116
	Biotechnology	72.4%	27.6%	100%	87
	Agric&Foods	73.7%	26.3%	100%	19
	PetrolChem/MaterialsChem	78.6%	21.4%	100%	70
	SurfaceTechn	66.7%	33.3%	100%	60
	Materials	67.6%	32.4%	100%	102
ProcEng	ChemEngineering	85.5%	14.5%	100%	69
	Matprocessing/Textiles/Paper	73.2%	26.8%	100%	123
	Handl/Printing	76.9%	23.1%	100%	121
	Agric&FoodProcess-Machines	66.7%	33.3%	100%	9
	Environment	78.1%	21.9%	100%	32
MechEng	MachineTools	69.6%	30.4%	100%	69
	Motors	78.7%	21.3%	100%	150
	ThermProcesses	87.5%	12.5%	100%	40
	MechElements	69.1%	30.9%	100%	123
	Transportation	75.8%	24.2%	100%	182
ConsConst	ConsGoods	57.7%	42.3%	100%	71
	ConstrTechn	68.2%	31.8%	100%	22
All		71.7%	28.3%	100%	3186

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 重要事項は全て1人の人が単独で決定

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	7	54	39	51	22	11	1	185
	Audiovisual	3	36	24	19	16	8	0	106
	Telecom	4	43	35	25	14	6	0	127
	IT	6	35	24	21	11	8	0	105
	Semiconductors	1	37	17	18	18	8	0	99
Instruments	Optical	3	28	22	31	15	4	2	105
	Analysis/Measurement/ControlTech	5	43	41	42	16	6	2	155
	MedicalTechn	6	25	16	19	7	7	1	81
	NuclearTechn	0	6	3	1	0	1	0	11
Chemistry	OrganicChem	3	33	27	43	16	4	3	129
	Polymers	4	26	17	36	13	4	1	101
	Pharmaceuticals/Cosmetics	6	30	15	19	11	6	0	87
	Biotechnology	1	18	9	21	6	8	0	63
	Agric&Foods	0	4	3	6	1	0	0	14
	PetrolChem/MaterialsChem	4	20	9	12	7	3	0	55
	SurfaceTechn	5	11	12	9	1	2	0	40
	Materials	4	20	13	17	10	4	1	69
ProcEng	ChemEngineering	4	17	13	13	9	2	1	59
	Matprocessing/Textiles/Paper	2	25	9	24	21	7	2	90
	Handl/Printing	1	27	20	29	16	0	0	93
	Agric&FoodProcess-Machines	1	3	0	1	1	0	0	6
	Environment	2	7	5	3	7	1	0	25
MechEng	MachineTools	5	12	10	13	7	1	0	48
	Motors	10	40	24	28	11	3	2	118
	ThermProcesses	3	14	8	6	4	0	0	35
	MechElements	3	24	16	29	8	5	0	85
	Transportation	10	46	26	37	14	4	1	138
ConsConst	ConsGoods	2	7	10	9	12	0	1	41
	ConstrTechn	2	7	1	4	0	1	0	15
Total		107	698	468	586	294	114	18	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	3.8%	29.3%	21.2%	27.7%	12.0%	6.0%	100%	184
	Audiovisual	2.8%	34.0%	22.6%	17.9%	15.1%	7.5%	100%	106
	Telecom	3.1%	33.9%	27.6%	19.7%	11.0%	4.7%	100%	127
	IT	5.7%	33.3%	22.9%	20.0%	10.5%	7.6%	100%	105
	Semiconductors	1.0%	37.4%	17.2%	18.2%	18.2%	8.1%	100%	99
Instruments	Optical	2.9%	27.2%	21.4%	30.1%	14.6%	3.9%	100%	103
	Analysis/Measurement/ControlTech	3.3%	28.1%	26.8%	27.5%	10.5%	3.9%	100%	153
	MedicalTechn	7.5%	31.3%	20.0%	23.8%	8.8%	8.8%	100%	80
	NuclearTechn	0.0%	54.5%	27.3%	9.1%	0.0%	9.1%	100%	11
Chemistry	OrganicChem	2.4%	26.2%	21.4%	34.1%	12.7%	3.2%	100%	126
	Polymers	4.0%	26.0%	17.0%	36.0%	13.0%	4.0%	100%	100
	Pharmaceuticals/Cosmetics	6.9%	34.5%	17.2%	21.8%	12.6%	6.9%	100%	87
	Biotechnology	1.6%	28.6%	14.3%	33.3%	9.5%	12.7%	100%	63
	Agric&Foods	0.0%	28.6%	21.4%	42.9%	7.1%	0.0%	100%	14
	PetrolChem/MaterialsChem	7.3%	36.4%	16.4%	21.8%	12.7%	5.5%	100%	55
	SurfaceTechn	12.5%	27.5%	30.0%	22.5%	2.5%	5.0%	100%	40
	Materials	5.9%	29.4%	19.1%	25.0%	14.7%	5.9%	100%	68
ProcEng	ChemEngineering	6.9%	29.3%	22.4%	22.4%	15.5%	3.4%	100%	58
	Matprocessing/Textiles/Paper	2.3%	28.4%	10.2%	27.3%	23.9%	8.0%	100%	88
	Handl/Printing	1.1%	29.0%	21.5%	31.2%	17.2%	0.0%	100%	93
	Agric&FoodProcess-Machines	16.7%	50.0%	0.0%	16.7%	16.7%	0.0%	100%	6
	Environment	8.0%	28.0%	20.0%	12.0%	28.0%	4.0%	100%	25
MechEng	MachineTools	10.4%	25.0%	20.8%	27.1%	14.6%	2.1%	100%	48
	Motors	8.6%	34.5%	20.7%	24.1%	9.5%	2.6%	100%	116
	ThermProcesses	8.6%	40.0%	22.9%	17.1%	11.4%	0.0%	100%	35
	MechElements	3.5%	28.2%	18.8%	34.1%	9.4%	5.9%	100%	85
	Transportation	7.3%	33.6%	19.0%	27.0%	10.2%	2.9%	100%	137
ConsConst	ConsGoods	5.0%	17.5%	25.0%	22.5%	30.0%	0.0%	100%	40
	ConstrTechn	13.3%	46.7%	6.7%	26.7%	0.0%	6.7%	100%	15
All		4.7%	30.8%	20.6%	25.8%	13.0%	5.0%	100%	2267

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 上層部の意思決定の内容がよく周知され、説明も十分

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	7	4	27	61	57	27	2	185
	Audiovisual	4	1	14	34	39	14	0	106
	Telecom	5	4	24	37	48	9	0	127
	IT	6	8	18	32	32	7	2	105
	Semiconductors	3	8	14	32	31	10	1	99
Instruments	Optical	1	3	17	33	39	11	1	105
	Analysis/Measurement/ControlTech	4	6	23	48	50	22	2	155
	MedicalTechn	4	6	8	25	30	7	1	81
	NuclearTechn	0	0	4	1	2	4	0	11
Chemistry	OrganicChem	4	0	21	34	49	19	2	129
	Polymers	1	3	14	39	34	9	1	101
	Pharmaceuticals/Cosmetics	4	5	10	33	22	13	0	87
	Biotechnology	4	2	10	18	21	8	0	63
	Agric&Foods	0	1	3	5	4	1	0	14
	PetrolChem/MaterialsChem	2	2	2	20	21	8	0	55
	SurfaceTechn	1	1	4	9	16	8	1	40
ProcEng	Materials	2	2	7	18	28	12	0	69
	ChemEngineering	0	1	9	17	17	15	0	59
	Matprocessing/Textiles/Paper	5	1	12	36	27	9	0	90
	Handl/Printing	2	3	15	36	29	7	1	93
	Agric&FoodProcess-Machines	0	0	2	1	1	2	0	6
MechEng	Environment	3	0	1	9	9	3	0	25
	MachineTools	0	2	6	15	19	6	0	48
	Motors	4	3	15	43	42	10	1	118
	ThermProcesses	2	2	6	14	7	3	1	35
	MechElements	5	4	15	26	27	7	1	85
	Transportation	3	7	18	54	48	7	1	138
ConsConst	ConsGoods	1	1	5	10	22	1	1	41
	ConstrTechn	2	0	4	2	4	3	0	15
Total		79	80	328	742	775	262	19	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	3.8%	2.2%	14.8%	33.3%	31.1%	14.8%	100%	183
	Audiovisual	3.8%	0.9%	13.2%	32.1%	36.8%	13.2%	100%	106
	Telecom	3.9%	3.1%	18.9%	29.1%	37.8%	7.1%	100%	127
	IT	5.8%	7.8%	17.5%	31.1%	31.1%	6.8%	100%	103
	Semiconductors	3.1%	8.2%	14.3%	32.7%	31.6%	10.2%	100%	98
Instruments	Optical	1.0%	2.9%	16.3%	31.7%	37.5%	10.6%	100%	104
	Analysis/Measurement/ControlTech	2.6%	3.9%	15.0%	31.4%	32.7%	14.4%	100%	153
	MedicalTechn	5.0%	7.5%	10.0%	31.3%	37.5%	8.8%	100%	80
	NuclearTechn	0.0%	0.0%	36.4%	9.1%	18.2%	36.4%	100%	11
Chemistry	OrganicChem	3.1%	0.0%	16.5%	26.8%	38.6%	15.0%	100%	127
	Polymers	1.0%	3.0%	14.0%	39.0%	34.0%	9.0%	100%	100
	Pharmaceuticals/Cosmetics	4.6%	5.7%	11.5%	37.9%	25.3%	14.9%	100%	87
	Biotechnology	6.3%	3.2%	15.9%	28.6%	33.3%	12.7%	100%	63
	Agric&Foods	0.0%	7.1%	21.4%	35.7%	28.6%	7.1%	100%	14
	PetrolChem/MaterialsChem	3.6%	3.6%	3.6%	36.4%	38.2%	14.5%	100%	55
	SurfaceTechn	2.6%	2.6%	10.3%	23.1%	41.0%	20.5%	100%	39
ProcEng	Materials	2.9%	2.9%	10.1%	26.1%	40.6%	17.4%	100%	69
	ChemEngineering	0.0%	1.7%	15.3%	28.8%	28.8%	25.4%	100%	59
	Matprocessing/Textiles/Paper	5.6%	1.1%	13.3%	40.0%	30.0%	10.0%	100%	90
	Handl/Printing	2.2%	3.3%	16.3%	39.1%	31.5%	7.6%	100%	92
	Agric&FoodProcess-Machines	0.0%	0.0%	33.3%	16.7%	16.7%	33.3%	100%	6
MechEng	Environment	12.0%	0.0%	4.0%	36.0%	36.0%	12.0%	100%	25
	MachineTools	0.0%	4.2%	12.5%	31.3%	39.6%	12.5%	100%	48
	Motors	3.4%	2.6%	12.8%	36.8%	35.9%	8.5%	100%	117
	ThermProcesses	5.9%	5.9%	17.6%	41.2%	20.6%	8.8%	100%	34
	MechElements	6.0%	4.8%	17.9%	31.0%	32.1%	8.3%	100%	84
ConsConst	Transportation	2.2%	5.1%	13.1%	39.4%	35.0%	5.1%	100%	137
	ConsGoods	2.5%	2.5%	12.5%	25.0%	55.0%	2.5%	100%	40
ConsConst	ConstrTechn	13.3%	0.0%	26.7%	13.3%	26.7%	20.0%	100%	15
All		3.5%	3.5%	14.5%	32.7%	34.2%	11.6%	100%	2266

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 全てのチームメンバーから、チームリーダーの信望が厚かった

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	4	5	25	59	63	29	0	185
	Audiovisual	1	1	7	35	52	10	0	106
	Telecom	2	2	10	42	59	12	0	127
	IT	3	2	5	35	41	19	0	105
	Semiconductors	3	5	7	35	37	12	0	99
Instruments	Optical	1	1	7	38	49	9	0	105
	Analysis/Measurement/ControlTech	2	1	11	51	64	24	2	155
	MedicalTechn	4	2	7	26	29	12	1	81
	NuclearTechn	0	0	2	2	4	3	0	11
Chemistry	OrganicChem	1	2	10	35	53	26	2	129
	Polymers	4	1	5	40	37	13	1	101
	Pharmaceuticals/Cosmetics	4	3	6	18	39	17	0	87
	Biotechnology	1	2	2	23	25	10	0	63
	Agric&Foods	1	1	2	3	6	1	0	14
	PetrolChem/MaterialsChem	3	0	1	17	23	11	0	55
	SurfaceTechn	1	1	1	10	17	10	0	40
ProcEng	Materials	2	1	1	23	29	13	0	69
	ChemEngineering	3	0	4	12	26	13	1	59
	Matprocessing/Textiles/Paper	3	1	6	28	36	14	2	90
	Handl/Printing	1	3	5	43	34	7	0	93
	Agric&FoodProcess-Machines	1	0	0	1	3	1	0	6
MechEng	Environment	0	0	1	9	11	4	0	25
	MachineTools	2	0	5	16	21	4	0	48
	Motors	4	2	6	38	45	23	0	118
	ThermProcesses	1	1	4	17	8	4	0	35
	MechElements	2	2	4	29	33	15	0	85
	Transportation	4	3	9	46	61	15	0	138
ConsConst	ConsGoods	1	1	4	12	19	2	2	41
	ConstrTechn	1	1	1	5	6	1	0	15
Total		60	44	158	748	930	334	11	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	2.2%	2.7%	13.5%	31.9%	34.1%	15.7%	100%	185
	Audiovisual	0.9%	0.9%	6.6%	33.0%	49.1%	9.4%	100%	106
	Telecom	1.6%	1.6%	7.9%	33.1%	46.5%	9.4%	100%	127
	IT	2.9%	1.9%	4.8%	33.3%	39.0%	18.1%	100%	105
	Semiconductors	3.0%	5.1%	7.1%	35.4%	37.4%	12.1%	100%	99
Instruments	Optical	1.0%	1.0%	6.7%	36.2%	46.7%	8.6%	100%	105
	Analysis/Measurement/ControlTech	1.3%	0.7%	7.2%	33.3%	41.8%	15.7%	100%	153
	MedicalTechn	5.0%	2.5%	8.8%	32.5%	36.3%	15.0%	100%	80
	NuclearTechn	0.0%	0.0%	18.2%	18.2%	36.4%	27.3%	100%	11
Chemistry	OrganicChem	0.8%	1.6%	7.9%	27.6%	41.7%	20.5%	100%	127
	Polymers	4.0%	1.0%	5.0%	40.0%	37.0%	13.0%	100%	100
	Pharmaceuticals/Cosmetics	4.6%	3.4%	6.9%	20.7%	44.8%	19.5%	100%	87
	Biotechnology	1.6%	3.2%	3.2%	36.5%	39.7%	15.9%	100%	63
	Agric&Foods	7.1%	7.1%	14.3%	21.4%	42.9%	7.1%	100%	14
	PetrolChem/MaterialsChem	5.5%	0.0%	1.8%	30.9%	41.8%	20.0%	100%	55
	SurfaceTechn	2.5%	2.5%	2.5%	25.0%	42.5%	25.0%	100%	40
ProcEng	Materials	2.9%	1.4%	1.4%	33.3%	42.0%	18.8%	100%	69
	ChemEngineering	5.2%	0.0%	6.9%	20.7%	44.8%	22.4%	100%	58
	Matprocessing/Textiles/Paper	3.4%	1.1%	6.8%	31.8%	40.9%	15.9%	100%	88
	Handl/Printing	1.1%	3.2%	5.4%	46.2%	36.6%	7.5%	100%	93
	Agric&FoodProcess-Machines	16.7%	0.0%	0.0%	16.7%	50.0%	16.7%	100%	6
MechEng	Environment	0.0%	0.0%	4.0%	36.0%	44.0%	16.0%	100%	25
	MachineTools	4.2%	0.0%	10.4%	33.3%	43.8%	8.3%	100%	48
	Motors	3.4%	1.7%	5.1%	32.2%	38.1%	19.5%	100%	118
	ThermProcesses	2.9%	2.9%	11.4%	48.6%	22.9%	11.4%	100%	35
	MechElements	2.4%	2.4%	4.7%	34.1%	38.8%	17.6%	100%	85
ConsConst	Transportation	2.9%	2.2%	6.5%	33.3%	44.2%	10.9%	100%	138
	ConsGoods	2.6%	2.6%	10.3%	30.8%	48.7%	5.1%	100%	39
ConsConst	ConstrTechn	6.7%	6.7%	6.7%	33.3%	40.0%	6.7%	100%	15
All		2.6%	1.9%	6.9%	32.7%	40.7%	14.6%	100%	2274

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 チームメンバーは、個別の意思決定に関してかなり自由裁量権があった

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	3	1	18	43	87	32	1	185
	Audiovisual	1	1	11	16	57	20	0	106
	Telecom	2	4	5	34	66	16	0	127
	IT	3	2	6	23	46	25	0	105
	Semiconductors	0	2	9	17	50	21	0	99
Instruments	Optical	0	0	9	24	49	23	0	105
	Analysis/Measurement/ControlTech	0	1	19	37	67	29	2	155
	MedicalTechn	5	1	6	19	39	10	1	81
	NuclearTechn	0	1	0	4	5	1	0	11
Chemistry	OrganicChem	0	1	6	29	68	24	1	129
	Polymers	1	0	8	24	49	18	1	101
	Pharmaceuticals/Cosmetics	2	1	8	28	38	10	0	87
	Biotechnology	0	3	6	14	25	15	0	63
	Agric&Foods	0	1	1	4	7	1	0	14
	PetrolChem/MaterialsChem	2	0	3	17	24	9	0	55
	SurfaceTechn	1	0	3	10	21	5	0	40
	Materials	2	2	4	15	29	17	0	69
ProcEng	ChemEngineering	0	0	2	9	34	14	0	59
	Matprocessing/Textiles/Paper	1	1	5	19	47	16	1	90
	Handl/Printing	0	1	10	17	50	14	1	93
	Agric&FoodProcess-Machines	0	0	1	0	3	2	0	6
	Environment	0	1	1	7	9	7	0	25
MechEng	MachineTools	0	0	1	12	26	9	0	48
	Motors	3	0	6	23	56	29	1	118
	ThermProcesses	0	1	3	12	12	7	0	35
	MechElements	1	3	8	22	43	8	0	85
	Transportation	1	5	8	30	71	23	0	138
ConsConst	ConsGoods	1	0	4	14	17	4	1	41
	ConstrTechn	1	0	1	6	7	0	0	15
Total		30	33	172	529	1,102	409	10	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	1.6%	0.5%	9.8%	23.4%	47.3%	17.4%	100%	184
	Audiovisual	0.9%	0.9%	10.4%	15.1%	53.8%	18.9%	100%	106
	Telecom	1.6%	3.1%	3.9%	26.8%	52.0%	12.6%	100%	127
	IT	2.9%	1.9%	5.7%	21.9%	43.8%	23.8%	100%	105
	Semiconductors	0.0%	2.0%	9.1%	17.2%	50.5%	21.2%	100%	99
Instruments	Optical	0.0%	0.0%	8.6%	22.9%	46.7%	21.9%	100%	105
	Analysis/Measurement/ControlTech	0.0%	0.7%	12.4%	24.2%	43.8%	19.0%	100%	153
	MedicalTechn	6.3%	1.3%	7.5%	23.8%	48.8%	12.5%	100%	80
	NuclearTechn	0.0%	9.1%	0.0%	36.4%	45.5%	9.1%	100%	11
Chemistry	OrganicChem	0.0%	0.8%	4.7%	22.7%	53.1%	18.8%	100%	128
	Polymers	1.0%	0.0%	8.0%	24.0%	49.0%	18.0%	100%	100
	Pharmaceuticals/Cosmetics	2.3%	1.1%	9.2%	32.2%	43.7%	11.5%	100%	87
	Biotechnology	0.0%	4.8%	9.5%	22.2%	39.7%	23.8%	100%	63
	Agric&Foods	0.0%	7.1%	7.1%	28.6%	50.0%	7.1%	100%	14
	PetrolChem/MaterialsChem	3.6%	0.0%	5.5%	30.9%	43.6%	16.4%	100%	55
	SurfaceTechn	2.5%	0.0%	7.5%	25.0%	52.5%	12.5%	100%	40
	Materials	2.9%	2.9%	5.8%	21.7%	42.0%	24.6%	100%	69
ProcEng	ChemEngineering	0.0%	0.0%	3.4%	15.3%	57.6%	23.7%	100%	59
	Matprocessing/Textiles/Paper	1.1%	1.1%	5.6%	21.3%	52.8%	18.0%	100%	89
	Handl/Printing	0.0%	1.1%	10.9%	18.5%	54.3%	15.2%	100%	92
	Agric&FoodProcess-Machines	0.0%	0.0%	16.7%	0.0%	50.0%	33.3%	100%	6
	Environment	0.0%	4.0%	4.0%	28.0%	36.0%	28.0%	100%	25
MechEng	MachineTools	0.0%	0.0%	2.1%	25.0%	54.2%	18.8%	100%	48
	Motors	2.6%	0.0%	5.1%	19.7%	47.9%	24.8%	100%	117
	ThermProcesses	0.0%	2.9%	8.6%	34.3%	34.3%	20.0%	100%	35
	MechElements	1.2%	3.5%	9.4%	25.9%	50.6%	9.4%	100%	85
	Transportation	0.7%	3.6%	5.8%	21.7%	51.4%	16.7%	100%	138
ConsConst	ConsGoods	2.5%	0.0%	10.0%	35.0%	42.5%	10.0%	100%	40
	ConstrTechn	6.7%	0.0%	6.7%	40.0%	46.7%	0.0%	100%	15
All		1.3%	1.5%	7.6%	23.3%	48.4%	18.0%	100%	2275

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 意思決定の際、チーム内で議論され、多数決に基づいて決定

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	7	22	38	51	52	15	0	185
	Audiovisual	6	7	21	22	38	12	0	106
	Telecom	3	11	27	37	40	9	0	127
	IT	5	7	21	30	30	12	0	105
	Semiconductors	0	12	25	26	30	6	0	99
Instruments	Optical	2	12	22	21	41	7	0	105
	Analysis/Measurement/ControlTech	1	12	35	54	29	22	2	155
	MedicalTechn	7	8	15	24	20	6	1	81
	NuclearTechn	1	2	2	2	1	3	0	11
Chemistry	OrganicChem	3	18	30	32	33	12	1	129
	Polymers	2	11	23	31	25	9	0	101
	Pharmaceuticals/Cosmetics	4	17	15	26	18	7	0	87
	Biotechnology	3	11	16	17	9	7	0	63
	Agric&Foods	0	2	4	4	3	1	0	14
	PetrolChem/MaterialsChem	4	3	10	21	12	5	0	55
	SurfaceTechn	4	2	10	14	8	2	0	40
	Materials	3	7	15	17	19	8	0	69
ProcEng	ChemEngineering	1	4	8	19	19	8	0	59
	Matprocessing/Textiles/Paper	4	12	26	24	14	9	1	90
	Handl/Printing	1	11	20	30	27	4	0	93
	Agric&FoodProcess-Machines	0	1	2	2	0	1	0	6
	Environment	2	0	3	13	6	1	0	25
MechEng	MachineTools	2	5	6	11	21	3	0	48
	Motors	6	8	18	39	37	10	0	118
	ThermProcesses	1	6	4	14	8	2	0	35
	MechElements	4	14	16	22	23	6	0	85
	Transportation	5	20	33	41	31	8	0	138
ConsConst	ConsGoods	1	3	10	14	11	1	1	41
	ConstrTechn	2	1	5	4	2	1	0	15
Total		84	249	480	662	607	197	6	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	3.8%	11.9%	20.5%	27.6%	28.1%	8.1%	100%	185
	Audiovisual	5.7%	6.6%	19.8%	20.8%	35.8%	11.3%	100%	106
	Telecom	2.4%	8.7%	21.3%	29.1%	31.5%	7.1%	100%	127
	IT	4.8%	6.7%	20.0%	28.6%	28.6%	11.4%	100%	105
	Semiconductors	0.0%	12.1%	25.3%	26.3%	30.3%	6.1%	100%	99
Instruments	Optical	1.9%	11.4%	21.0%	20.0%	39.0%	6.7%	100%	105
	Analysis/Measurement/ControlTech	0.7%	7.8%	22.9%	35.3%	19.0%	14.4%	100%	153
	MedicalTechn	8.8%	10.0%	18.8%	30.0%	25.0%	7.5%	100%	80
	NuclearTechn	9.1%	18.2%	18.2%	18.2%	9.1%	27.3%	100%	11
Chemistry	OrganicChem	2.3%	14.1%	23.4%	25.0%	25.8%	9.4%	100%	128
	Polymers	2.0%	10.9%	22.8%	30.7%	24.8%	8.9%	100%	101
	Pharmaceuticals/Cosmetics	4.6%	19.5%	17.2%	29.9%	20.7%	8.0%	100%	87
	Biotechnology	4.8%	17.5%	25.4%	27.0%	14.3%	11.1%	100%	63
	Agric&Foods	0.0%	14.3%	28.6%	28.6%	21.4%	7.1%	100%	14
	PetrolChem/MaterialsChem	7.3%	5.5%	18.2%	38.2%	21.8%	9.1%	100%	55
	SurfaceTechn	10.0%	5.0%	25.0%	35.0%	20.0%	5.0%	100%	40
	Materials	4.3%	10.1%	21.7%	24.6%	27.5%	11.6%	100%	69
ProcEng	ChemEngineering	1.7%	6.8%	13.6%	32.2%	32.2%	13.6%	100%	59
	Matprocessing/Textiles/Paper	4.5%	13.5%	29.2%	27.0%	15.7%	10.1%	100%	89
	Handl/Printing	1.1%	11.8%	21.5%	32.3%	29.0%	4.3%	100%	93
	Agric&FoodProcess-Machines	0.0%	16.7%	33.3%	33.3%	0.0%	16.7%	100%	6
	Environment	8.0%	0.0%	12.0%	52.0%	24.0%	4.0%	100%	25
MechEng	MachineTools	4.2%	10.4%	12.5%	22.9%	43.8%	6.3%	100%	48
	Motors	5.1%	6.8%	15.3%	33.1%	31.4%	8.5%	100%	118
	ThermProcesses	2.9%	17.1%	11.4%	40.0%	22.9%	5.7%	100%	35
	MechElements	4.7%	16.5%	18.8%	25.9%	27.1%	7.1%	100%	85
	Transportation	3.6%	14.5%	23.9%	29.7%	22.5%	5.8%	100%	138
ConsConst	ConsGoods	2.5%	7.5%	25.0%	35.0%	27.5%	2.5%	100%	40
	ConstrTechn	13.3%	6.7%	33.3%	26.7%	13.3%	6.7%	100%	15
All		3.7%	10.9%	21.1%	29.0%	26.6%	8.6%	100%	2279

C6m (C3で「チームワーク」を選択した回答者のみ)
 研究開発プロジェクトの管理に関する記述についての同意の程度
 チームメンバー間の仕事の役割分担が明確

		該当せず	全く当てはまらない				全くその通り	無回答	Total
ElecEng	Electr/Energy	3	2	17	40	85	38	0	185
	Audiovisual	2	1	11	21	44	27	0	106
	Telecom	2	1	13	34	58	19	0	127
	IT	2	1	7	28	44	23	0	105
	Semiconductors	0	1	10	24	44	20	0	99
Instruments	Optical	0	1	7	26	43	28	0	105
	Analysis/Measurement/ControlTech	0	5	18	33	66	31	2	155
	MedicalTechn	4	1	13	18	33	11	1	81
	NuclearTechn	0	0	1	1	6	3	0	11
Chemistry	OrganicChem	0	0	4	28	70	26	1	129
	Polymers	1	2	5	30	48	15	0	101
	Pharmaceuticals/Cosmetics	2	1	7	20	36	21	0	87
	Biotechnology	1	0	5	14	28	15	0	63
	Agric&Foods	0	0	3	2	7	2	0	14
	PetrolChem/MaterialsChem	2	0	6	16	19	12	0	55
	SurfaceTechn	1	1	1	6	17	14	0	40
	Materials	1	1	8	15	33	11	0	69
ProcEng	ChemEngineering	0	1	4	8	30	16	0	59
	Matprocessing/Textiles/Paper	1	0	7	17	46	17	2	90
	Handl/Printing	0	1	13	25	36	18	0	93
	Agric&FoodProcess-Machines	0	0	1	0	2	3	0	6
	Environment	0	0	2	8	11	4	0	25
MechEng	MachineTools	0	0	5	6	27	10	0	48
	Motors	1	1	8	28	52	28	0	118
	ThermProcesses	1	0	4	11	15	4	0	35
	MechElements	1	2	11	22	35	14	0	85
	Transportation	2	4	17	23	67	25	0	138
ConsConst	ConsGoods	0	0	3	7	25	5	1	41
	ConstrTechn	1	1	4	2	5	2	0	15
Total		28	28	215	513	1,032	462	7	2,285

		該当せず	全く当てはまらない				全くその通り	Total	N
ElecEng	Electr/Energy	1.6%	1.1%	9.2%	21.6%	45.9%	20.5%	100%	185
	Audiovisual	1.9%	0.9%	10.4%	19.8%	41.5%	25.5%	100%	106
	Telecom	1.6%	0.8%	10.2%	26.8%	45.7%	15.0%	100%	127
	IT	1.9%	1.0%	6.7%	26.7%	41.9%	21.9%	100%	105
	Semiconductors	0.0%	1.0%	10.1%	24.2%	44.4%	20.2%	100%	99
Instruments	Optical	0.0%	1.0%	6.7%	24.8%	41.0%	26.7%	100%	105
	Analysis/Measurement/ControlTech	0.0%	3.3%	11.8%	21.6%	43.1%	20.3%	100%	153
	MedicalTechn	5.0%	1.3%	16.3%	22.5%	41.3%	13.8%	100%	80
	NuclearTechn	0.0%	0.0%	9.1%	9.1%	54.5%	27.3%	100%	11
Chemistry	OrganicChem	0.0%	0.0%	3.1%	21.9%	54.7%	20.3%	100%	128
	Polymers	1.0%	2.0%	5.0%	29.7%	47.5%	14.9%	100%	101
	Pharmaceuticals/Cosmetics	2.3%	1.1%	8.0%	23.0%	41.4%	24.1%	100%	87
	Biotechnology	1.6%	0.0%	7.9%	22.2%	44.4%	23.8%	100%	63
	Agric&Foods	0.0%	0.0%	21.4%	14.3%	50.0%	14.3%	100%	14
	PetrolChem/MaterialsChem	3.6%	0.0%	10.9%	29.1%	34.5%	21.8%	100%	55
	SurfaceTechn	2.5%	2.5%	2.5%	15.0%	42.5%	35.0%	100%	40
	Materials	1.4%	1.4%	11.6%	21.7%	47.8%	15.9%	100%	69
ProcEng	ChemEngineering	0.0%	1.7%	6.8%	13.6%	50.8%	27.1%	100%	59
	Matprocessing/Textiles/Paper	1.1%	0.0%	8.0%	19.3%	52.3%	19.3%	100%	88
	Handl/Printing	0.0%	1.1%	14.0%	26.9%	38.7%	19.4%	100%	93
	Agric&FoodProcess-Machines	0.0%	0.0%	16.7%	0.0%	33.3%	50.0%	100%	6
	Environment	0.0%	0.0%	8.0%	32.0%	44.0%	16.0%	100%	25
MechEng	MachineTools	0.0%	0.0%	10.4%	12.5%	56.3%	20.8%	100%	48
	Motors	0.8%	0.8%	6.8%	23.7%	44.1%	23.7%	100%	118
	ThermProcesses	2.9%	0.0%	11.4%	31.4%	42.9%	11.4%	100%	35
	MechElements	1.2%	2.4%	12.9%	25.9%	41.2%	16.5%	100%	85
	Transportation	1.4%	2.9%	12.3%	16.7%	48.6%	18.1%	100%	138
ConsConst	ConsGoods	0.0%	0.0%	7.5%	17.5%	62.5%	12.5%	100%	40
	ConstrTechn	6.7%	6.7%	26.7%	13.3%	33.3%	13.3%	100%	15
All		1.2%	1.2%	9.4%	22.5%	45.3%	20.3%	100%	2,278

		本特許に登録されているのは私だけ	全員同じ勤務先	別の組織に所属する者が存在	分からない	Total
ElecEng	Electr/Energy	52	178	42	11	283
	Audiovisual	53	86	16	7	162
	Telecom	61	107	23	4	195
	IT	42	102	21	2	167
	Semiconductors	31	86	24	3	144
Instruments	Optical	34	98	16	9	157
	Analysis/Measurement/ControlTech	54	140	50	2	246
	MedicalTechn	37	63	26	4	130
	NuclearTechn	1	6	7	0	14
Chemistry	OrganicChem	4	132	15	5	156
	Polymers	10	96	20	5	131
	Pharmaceuticals/Cosmetics	7	83	26	2	118
	Biotechnology	5	54	30	0	89
	Agric&Foods	4	14	1	1	20
	PetrolChem/MaterialsChem	8	46	17	0	71
	SurfaceTechn	6	40	13	1	60
	Materials	13	62	26	2	103
ProcEng	ChemEngineering	11	43	15	1	70
	Matprocessing/Textiles/Paper	18	89	17	5	129
	Handl/Printing	24	82	13	8	127
	Agric&FoodProcess-Machines	2	5	2	0	9
	Environment	3	24	5	0	32
MechEng	MachineTools	18	41	11	1	71
	Motors	25	102	26	3	156
	ThermProcesses	4	31	5	2	42
	MechElements	27	73	26	4	130
	Transportation	39	116	25	11	191
ConsConst	ConsGoods	27	42	7	4	80
	ConstrTechn	5	13	5	0	23
Total		625	2,054	530	97	3,306

		本特許に登録されているのは私だけ	全員同じ勤務先	別の組織に所属する者が存在	Total	N
ElecEng	Electr/Energy	19.1%	65.4%	15.4%	100%	272
	Audiovisual	34.2%	55.5%	10.3%	100%	155
	Telecom	31.9%	56.0%	12.0%	100%	191
	IT	25.5%	61.8%	12.7%	100%	165
	Semiconductors	22.0%	61.0%	17.0%	100%	141
Instruments	Optical	23.0%	66.2%	10.8%	100%	148
	Analysis/Measurement/ControlTech	22.1%	57.4%	20.5%	100%	244
	MedicalTechn	29.4%	50.0%	20.6%	100%	126
	NuclearTechn	7.1%	42.9%	50.0%	100%	14
Chemistry	OrganicChem	2.6%	87.4%	9.9%	100%	151
	Polymers	7.9%	76.2%	15.9%	100%	126
	Pharmaceuticals/Cosmetics	6.0%	71.6%	22.4%	100%	116
	Biotechnology	5.6%	60.7%	33.7%	100%	89
	Agric&Foods	21.1%	73.7%	5.3%	100%	19
	PetrolChem/MaterialsChem	11.3%	64.8%	23.9%	100%	71
	SurfaceTechn	10.2%	67.8%	22.0%	100%	59
	Materials	12.9%	61.4%	25.7%	100%	101
ProcEng	ChemEngineering	15.9%	62.3%	21.7%	100%	69
	Matprocessing/Textiles/Paper	14.5%	71.8%	13.7%	100%	124
	Handl/Printing	20.2%	68.9%	10.9%	100%	119
	Agric&FoodProcess-Machines	22.2%	55.6%	22.2%	100%	9
	Environment	9.4%	75.0%	15.6%	100%	32
MechEng	MachineTools	25.7%	58.6%	15.7%	100%	70
	Motors	16.3%	66.7%	17.0%	100%	153
	ThermProcesses	10.0%	77.5%	12.5%	100%	40
	MechElements	21.4%	57.9%	20.6%	100%	126
	Transportation	21.7%	64.4%	13.9%	100%	180
ConsConst	ConsGoods	35.5%	55.3%	9.2%	100%	76
	ConstrTechn	21.7%	56.5%	21.7%	100%	23
All		19.5%	64.0%	16.5%	100%	3209

C9

(C7で「はい」を選択した回答者のみ)

本特許の特許出願人として登録されていない組織に勤務していた共同発明者の存在

		はい	いいえ	分からない	Total
ElecEng	Electr/Energy	6	35	1	42
	Audiovisual	1	15	0	16
	Telecom	4	18	1	23
	IT	5	14	2	21
	Semiconductors	5	18	1	24
Instruments	Optical	3	13	0	16
	Analysis/Measurement/ControlTech	12	36	2	50
	MedicalTechn	5	17	4	26
	NuclearTechn	1	5	1	7
Chemistry	OrganicChem	5	10	0	15
	Polymers	4	15	1	20
	Pharmaceuticals/Cosmetics	5	18	3	26
	Biotechnology	9	18	3	30
	Agric&Foods	0	1	0	1
	PetrolChem/MaterialsChem	3	13	1	17
	SurfaceTechn	1	11	1	13
	Materials	6	19	1	26
ProcEng	ChemEngineering	2	12	1	15
	Matprocessing/Textiles/Paper	4	13	0	17
	Handl/Printing	3	10	0	13
	Agric&FoodProcess-Machines	1	1	0	2
	Environment	1	4	0	5
MechEng	MachineTools	4	6	1	11
	Motors	5	20	1	26
	ThermProcesses	2	3	0	5
	MechElements	2	21	3	26
	Transportation	5	19	1	25
ConsConst	ConsGoods	2	4	1	7
	ConstrTechn	1	4	0	5
Total		107	393	30	530

		N	はい	いいえ	Total
ElecEng	Electr/Energy	41	14.63%	85.37%	100%
	Audiovisual	16	6.25%	93.75%	100%
	Telecom	22	18.18%	81.82%	100%
	IT	19	26.32%	73.68%	100%
	Semiconductors	23	21.74%	78.26%	100%
Instruments	Optical	16	18.75%	81.25%	100%
	Analysis/Measurement/ControlTech	48	25.00%	75.00%	100%
	MedicalTechn	22	22.73%	77.27%	100%
	NuclearTechn	6	16.67%	83.33%	100%
Chemistry	OrganicChem	15	33.33%	66.67%	100%
	Polymers	19	21.05%	78.95%	100%
	Pharmaceuticals/Cosmetics	23	21.74%	78.26%	100%
	Biotechnology	27	33.33%	66.67%	100%
	Agric&Foods	1	0.00%	100.00%	100%
	PetrolChem/MaterialsChem	16	18.75%	81.25%	100%
	SurfaceTechn	12	8.33%	91.67%	100%
	Materials	25	24.00%	76.00%	100%
ProcEng	ChemEngineering	14	14.29%	85.71%	100%
	Matprocessing/Textiles/Paper	17	23.53%	76.47%	100%
	Handl/Printing	13	23.08%	76.92%	100%
	Agric&FoodProcess-Machines	2	50.00%	50.00%	100%
	Environment	5	20.00%	80.00%	100%
MechEng	MachineTools	10	40.00%	60.00%	100%
	Motors	25	20.00%	80.00%	100%
	ThermProcesses	5	40.00%	60.00%	100%
	MechElements	23	8.70%	91.30%	100%
	Transportation	24	20.83%	79.17%	100%
ConsConst	ConsGoods	6	33.33%	66.67%	100%
	ConstrTechn	5	20.00%	80.00%	100%
All		500	21.40%	78.60%	100%

部品・資材・装置等のサプライヤー

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	190	43	29	9	14	283
	Audiovisual	117	21	10	8	7	162
	Telecom	149	17	14	7	8	195
	IT	125	20	4	10	8	167
	Semiconductors	101	22	12	3	7	144
Instruments	Optical	104	20	22	6	5	157
	Analysis/Masurement/ControlTech	179	26	18	11	13	246
	MedicalTechn	87	15	16	7	8	130
	NuclearTechn	7	4	2	0	1	14
Chemistry	OrganicChem	127	6	6	12	7	156
	Polymers	85	22	14	6	5	131
	Pharmaceuticals/Cosmetics	83	15	10	4	7	118
	Biotechnology	66	7	3	6	7	89
	Agric&Foods	11	4	3	0	2	20
	PetrolChem/MaterialsChem	49	8	9	3	3	71
	SurfaceTechn	41	9	6	2	2	60
	Materials	69	15	8	4	8	103
ProcEng	ChemEngineering	47	8	10	3	2	70
	Matprocessing/Textiles/Paper	84	18	15	10	3	129
	Handl/Printing	80	18	15	6	8	127
	Agric&FoodProcess-Machines	5	2	1	0	1	9
	Environment	19	8	2	1	2	32
MechEng	MachineTools	43	11	10	2	5	71
	Motors	96	35	11	9	6	156
	ThermProcesses	28	9	3	1	2	42
	MechElements	75	35	8	8	6	130
	Transportation	118	34	17	13	9	191
ConsConst	ConsGoods	51	14	10	3	3	80
	ConstrTechn	18	2	1	1	1	23
Total		2254	468	289	155	160	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	70.63%	15.99%	10.78%	3.35%	269
	Audiovisual	75.48%	13.55%	6.45%	5.16%	155
	Telecom	79.68%	9.09%	7.49%	3.74%	187
	IT	78.62%	12.58%	2.52%	6.29%	159
	Semiconductors	73.72%	16.06%	8.76%	2.19%	137
Instruments	Optical	68.42%	13.16%	14.47%	3.95%	152
	Analysis/Masurement/ControlTech	76.82%	11.16%	7.73%	4.72%	233
	MedicalTechn	71.31%	12.30%	13.11%	5.74%	122
	NuclearTechn	53.85%	30.77%	15.38%	0.00%	13
Chemistry	OrganicChem	85.23%	4.03%	4.03%	8.05%	149
	Polymers	67.46%	17.46%	11.11%	4.76%	126
	Pharmaceuticals/Cosmetics	74.77%	13.51%	9.01%	3.60%	111
	Biotechnology	80.49%	8.54%	3.66%	7.32%	82
	Agric&Foods	61.11%	22.22%	16.67%	0.00%	18
	PetrolChem/MaterialsChem	72.06%	11.76%	13.24%	4.41%	68
	SurfaceTechn	70.69%	15.52%	10.34%	3.45%	58
	Materials	72.63%	15.79%	8.42%	4.21%	95
ProcEng	ChemEngineering	69.12%	11.76%	14.71%	4.41%	68
	Matprocessing/Textiles/Paper	66.67%	14.29%	11.90%	7.94%	126
	Handl/Printing	67.23%	15.13%	12.61%	5.04%	119
	Agric&FoodProcess-Machines	62.50%	25.00%	12.50%	0.00%	8
	Environment	63.33%	26.67%	6.67%	3.33%	30
MechEng	MachineTools	65.15%	16.67%	15.15%	3.03%	66
	Motors	64.00%	23.33%	7.33%	6.00%	150
	ThermProcesses	70.00%	22.50%	7.50%	2.50%	40
	MechElements	60.48%	28.23%	6.45%	6.45%	124
	Transportation	64.84%	18.68%	9.34%	7.14%	182
ConsConst	ConsGoods	66.23%	18.18%	12.99%	3.90%	77
	ConstrTechn	81.82%	9.09%	4.55%	4.55%	22
All		71.65%	14.88%	9.19%	4.93%	3146

顧客・製品ユーザー

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	196	33	26	12	16	283
	Audiovisual	127	12	10	7	6	162
	Telecom	159	14	5	9	9	195
	IT	127	13	6	11	10	167
	Semiconductors	104	16	12	5	7	144
Instruments	Optical	110	20	18	8	4	157
	Analysis/Masurement/ControlTech	182	22	20	13	11	246
	MedicalTechn	87	14	11	9	9	130
	NuclearTechn	6	2	2	1	3	14
Chemistry	OrganicChem	122	12	8	11	6	156
	Polymers	83	21	13	7	8	131
	Pharmaceuticals/Cosmetics	96	5	4	4	10	118
	Biotechnology	62	9	5	6	7	89
	Agric&Foods	13	0	3	1	3	20
	PetrolChem/MaterialsChem	49	9	8	4	2	71
	SurfaceTechn	41	8	7	2	3	60
	Materials	64	15	11	5	8	103
ProcEng	ChemEngineering	51	8	7	2	3	70
	Matprocessing/Textiles/Paper	92	10	12	10	5	129
	Handl/Printing	87	17	12	4	8	127
	Agric&FoodProcess-Machines	6	1	0	1	1	9
	Environment	22	4	3	1	2	32
MechEng	MachineTools	51	8	5	3	4	71
	Motors	120	16	6	8	7	156
	ThermProcesses	33	3	3	1	2	42
	MechElements	86	26	6	6	8	130
	Transportation	136	18	16	9	12	191
ConsConst	ConsGoods	59	6	10	4	3	80
	ConstrTechn	16	4	1	1	1	23
Total		2387	346	250	165	178	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	73.41%	12.36%	9.74%	4.49%	267
	Audiovisual	81.41%	7.69%	6.41%	4.49%	156
	Telecom	85.48%	7.53%	2.69%	4.84%	186
	IT	80.89%	8.28%	3.82%	7.01%	157
	Semiconductors	75.91%	11.68%	8.76%	3.65%	137
Instruments	Optical	71.90%	13.07%	11.76%	5.23%	153
	Analysis/Masurement/ControlTech	77.45%	9.36%	8.51%	5.53%	235
	MedicalTechn	71.90%	11.57%	9.09%	7.44%	121
	NuclearTechn	54.55%	18.18%	18.18%	9.09%	11
Chemistry	OrganicChem	81.33%	8.00%	5.33%	7.33%	150
	Polymers	67.48%	17.07%	10.57%	5.69%	123
	Pharmaceuticals/Cosmetics	88.89%	4.63%	3.70%	3.70%	108
	Biotechnology	75.61%	10.98%	6.10%	7.32%	82
	Agric&Foods	76.47%	0.00%	17.65%	5.88%	17
	PetrolChem/MaterialsChem	71.01%	13.04%	11.59%	5.80%	69
	SurfaceTechn	71.93%	14.04%	12.28%	3.51%	57
	Materials	67.37%	15.79%	11.58%	5.26%	95
ProcEng	ChemEngineering	76.12%	11.94%	10.45%	2.99%	67
	Matprocessing/Textiles/Paper	74.19%	8.06%	9.68%	8.06%	124
	Handl/Printing	73.11%	14.29%	10.08%	3.36%	119
	Agric&FoodProcess-Machines	75.00%	12.50%	0.00%	12.50%	8
	Environment	73.33%	13.33%	10.00%	3.33%	30
MechEng	MachineTools	76.12%	11.94%	7.46%	4.48%	67
	Motors	80.54%	10.74%	4.03%	5.37%	149
	ThermProcesses	82.50%	7.50%	7.50%	2.50%	40
	MechElements	70.49%	21.31%	4.92%	4.92%	122
	Transportation	75.98%	10.06%	8.94%	5.03%	179
ConsConst	ConsGoods	76.62%	7.79%	12.99%	5.19%	77
	ConstrTechn	72.73%	18.18%	4.55%	4.55%	22
All		76.31%	11.06%	7.99%	5.27%	3128

競合企業

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	246	4	4	9	20	283
	Audiovisual	141	4	5	6	6	162
	Telecom	168	3	3	10	11	195
	IT	140	4	1	10	12	167
	Semiconductors	126	2	2	3	11	144
Instruments	Optical	141	0	1	8	7	157
	Analysis/Measurement/ControlTech	217	0	3	13	13	246
	MedicalTechn	107	1	2	7	13	130
	NuclearTechn	10	0	0	1	3	14
Chemistry	OrganicChem	132	7	3	11	6	156
	Polymers	110	0	1	10	10	131
	Pharmaceuticals/Cosmetics	100	1	0	8	10	118
	Biotechnology	73	0	2	7	7	89
	Agric&Foods	13	0	1	2	4	20
	PetrolChem/MaterialsChem	66	0	0	3	3	71
	SurfaceTechn	51	2	1	2	4	60
	Materials	82	3	1	4	13	103
ProcEng	ChemEngineering	61	1	0	2	6	70
	Matprocessing/Textiles/Paper	110	2	1	9	7	129
	Handl/Printing	113	0	0	6	8	127
	Agric&FoodProcess-Machines	6	0	0	2	1	9
	Environment	28	0	0	0	4	32
MechEng	MachineTools	62	0	0	1	8	71
	Motors	138	2	0	8	8	156
	ThermProcesses	38	0	0	1	3	42
	MechElements	111	2	1	6	10	130
	Transportation	153	3	6	12	17	191
ConsConst	ConsGoods	69	1	0	3	7	80
	ConstrTechn	21	0	0	1	1	23
Total		2833	42	38	165	233	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	93.54%	1.52%	1.52%	3.42%	263
	Audiovisual	90.38%	2.56%	3.21%	3.85%	156
	Telecom	91.30%	1.63%	1.63%	5.43%	184
	IT	90.32%	2.58%	0.65%	6.45%	155
	Semiconductors	94.74%	1.50%	1.50%	2.26%	133
Instruments	Optical	94.00%	0.00%	0.67%	5.33%	150
	Analysis/Measurement/ControlTech	93.13%	0.00%	1.29%	5.58%	233
	MedicalTechn	91.45%	0.85%	1.71%	5.98%	117
	NuclearTechn	90.91%	0.00%	0.00%	9.09%	11
Chemistry	OrganicChem	88.00%	4.67%	2.00%	7.33%	150
	Polymers	90.91%	0.00%	0.83%	8.26%	121
	Pharmaceuticals/Cosmetics	92.59%	0.93%	0.00%	7.41%	108
	Biotechnology	89.02%	0.00%	2.44%	8.54%	82
	Agric&Foods	81.25%	0.00%	6.25%	12.50%	16
	PetrolChem/MaterialsChem	97.06%	0.00%	0.00%	4.41%	68
	SurfaceTechn	91.07%	3.57%	1.79%	3.57%	56
	Materials	91.11%	3.33%	1.11%	4.44%	90
ProcEng	ChemEngineering	95.31%	1.56%	0.00%	3.13%	64
	Matprocessing/Textiles/Paper	90.16%	1.64%	0.82%	7.38%	122
	Handl/Printing	94.96%	0.00%	0.00%	5.04%	119
	Agric&FoodProcess-Machines	75.00%	0.00%	0.00%	25.00%	8
	Environment	100.00%	0.00%	0.00%	0.00%	28
MechEng	MachineTools	98.41%	0.00%	0.00%	1.59%	63
	Motors	93.24%	1.35%	0.00%	5.41%	148
	ThermProcesses	97.44%	0.00%	0.00%	2.56%	39
	MechElements	92.50%	1.67%	0.83%	5.00%	120
	Transportation	87.93%	1.72%	3.45%	6.90%	174
ConsConst	ConsGoods	94.52%	1.37%	0.00%	4.11%	73
	ConstrTechn	95.45%	0.00%	0.00%	4.55%	22
All		92.19%	1.37%	1.24%	5.37%	3073

その他の企業

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	233	11	7	14	18	283
	Audiovisual	126	13	8	9	6	162
	Telecom	161	6	6	12	10	195
	IT	136	12	2	10	7	167
	Semiconductors	113	16	3	3	9	144
Instruments	Optical	122	13	8	8	6	157
	Analysis/Masurement/ControlTech	192	20	8	15	11	246
	MedicalTechn	102	5	4	8	11	130
	NuclearTechn	9	1	0	1	3	14
Chemistry	OrganicChem	128	8	6	8	7	156
	Polymers	96	7	8	11	9	131
	Pharmaceuticals/Cosmetics	90	9	3	7	9	118
	Biotechnology	62	7	4	8	8	89
	Agric&Foods	14	1	1	1	3	20
	PetrolChem/MaterialsChem	62	3	2	2	2	71
	SurfaceTechn	47	4	3	3	3	60
	Materials	79	2	8	3	12	103
ProcEng	ChemEngineering	59	3	4	2	2	70
	Matprocessing/Textiles/Paper	102	5	4	11	7	129
	Handl/Printing	104	7	2	6	8	127
	Agric&FoodProcess-Machines	6	0	0	2	1	9
	Environment	26	1	0	1	4	32
MechEng	MachineTools	53	1	4	4	9	71
	Motors	129	6	3	10	8	156
	ThermProcesses	36	1	1	2	3	42
	MechElements	108	8	2	6	7	130
	Transportation	149	6	12	11	13	191
ConsConst	ConsGoods	65	1	6	3	6	80
	ConstrTechn	18	1	2	1	1	23
Total		2627	178	121	182	203	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	87.92%	4.15%	2.64%	5.28%	265
	Audiovisual	80.77%	8.33%	5.13%	5.77%	156
	Telecom	87.03%	3.24%	3.24%	6.49%	185
	IT	85.00%	7.50%	1.25%	6.25%	160
	Semiconductors	83.70%	11.85%	2.22%	2.22%	135
Instruments	Optical	80.79%	8.61%	5.30%	5.30%	151
	Analysis/Masurement/ControlTech	81.70%	8.51%	3.40%	6.38%	235
	MedicalTechn	85.71%	4.20%	3.36%	6.72%	119
	NuclearTechn	81.82%	9.09%	0.00%	9.09%	11
Chemistry	OrganicChem	85.91%	5.37%	4.03%	5.37%	149
	Polymers	78.69%	5.74%	6.56%	9.02%	122
	Pharmaceuticals/Cosmetics	82.57%	8.26%	2.75%	6.42%	109
	Biotechnology	76.54%	8.64%	4.94%	9.88%	81
	Agric&Foods	82.35%	5.88%	5.88%	5.88%	17
	PetrolChem/MaterialsChem	89.86%	4.35%	2.90%	2.90%	69
	SurfaceTechn	82.46%	7.02%	5.26%	5.26%	57
	Materials	86.81%	2.20%	8.79%	3.30%	91
ProcEng	ChemEngineering	86.76%	4.41%	5.88%	2.94%	68
	Matprocessing/Textiles/Paper	83.61%	4.10%	3.28%	9.02%	122
	Handl/Printing	87.39%	5.88%	1.68%	5.04%	119
	Agric&FoodProcess-Machines	75.00%	0.00%	0.00%	25.00%	8
	Environment	92.86%	3.57%	0.00%	3.57%	28
MechEng	MachineTools	85.48%	1.61%	6.45%	6.45%	62
	Motors	87.16%	4.05%	2.03%	6.76%	148
	ThermProcesses	92.31%	2.56%	2.56%	5.13%	39
	MechElements	87.80%	6.50%	1.63%	4.88%	123
	Transportation	83.71%	3.37%	6.74%	6.18%	178
ConsConst	ConsGoods	87.84%	1.35%	8.11%	4.05%	74
	ConstrTechn	81.82%	4.55%	9.09%	4.55%	22
All		84.66%	5.74%	3.90%	5.87%	3103

大学・教育機関

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	213	29	17	9	16	283
	Audiovisual	131	12	5	7	7	162
	Telecom	158	12	6	8	11	195
	IT	138	4	4	11	10	167
	Semiconductors	110	17	7	1	9	144
Instruments	Optical	127	11	6	7	6	157
	Analysis/Masurement/ControlTech	186	18	20	13	9	246
	MedicalTechn	89	16	11	5	11	130
	NuclearTechn	5	6	1	0	2	14
Chemistry	OrganicChem	111	20	10	11	5	156
	Polymers	101	7	6	7	10	131
	Pharmaceuticals/Cosmetics	72	25	12	4	6	118
	Biotechnology	42	32	9	4	3	89
	Agric&Foods	14	3	0	0	3	20
	PetrolChem/MaterialsChem	56	5	4	4	2	71
	SurfaceTechn	42	9	4	1	4	60
	Materials	68	12	8	3	12	103
ProcEng	ChemEngineering	47	11	8	1	3	70
	Matprocessing/Textiles/Paper	98	8	7	10	6	129
	Handl/Printing	107	5	3	4	8	127
	Agric&FoodProcess-Machines	5	2	0	1	1	9
	Environment	20	3	3	3	3	32
MechEng	MachineTools	58	5	1	1	6	71
	Motors	133	5	2	8	8	156
	ThermProcesses	36	2	0	1	3	42
	MechElements	108	4	3	5	10	130
	Transportation	152	5	10	10	14	191
ConsConst	ConsGoods	68	2	1	3	7	80
	ConstrTechn	20	0	1	1	1	23
Total		2515	290	169	143	196	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	79.78%	10.86%	6.37%	3.37%	267
	Audiovisual	84.52%	7.74%	3.23%	4.52%	155
	Telecom	85.87%	6.52%	3.26%	4.35%	184
	IT	87.90%	2.55%	2.55%	7.01%	157
	Semiconductors	81.48%	12.59%	5.19%	0.74%	135
Instruments	Optical	84.11%	7.28%	3.97%	4.64%	151
	Analysis/Masurement/ControlTech	78.48%	7.59%	8.44%	5.49%	237
	MedicalTechn	74.79%	13.45%	9.24%	4.20%	119
	NuclearTechn	41.67%	50.00%	8.33%	0.00%	12
Chemistry	OrganicChem	73.51%	13.25%	6.62%	7.28%	151
	Polymers	83.47%	5.79%	4.96%	5.79%	121
	Pharmaceuticals/Cosmetics	64.29%	22.32%	10.71%	3.57%	112
	Biotechnology	48.84%	37.21%	10.47%	4.65%	86
	Agric&Foods	82.35%	17.65%	0.00%	0.00%	17
	PetrolChem/MaterialsChem	81.16%	7.25%	5.80%	5.80%	69
	SurfaceTechn	75.00%	16.07%	7.14%	1.79%	56
	Materials	74.73%	13.19%	8.79%	3.30%	91
ProcEng	ChemEngineering	70.15%	16.42%	11.94%	1.49%	67
	Matprocessing/Textiles/Paper	79.67%	6.50%	5.69%	8.13%	123
	Handl/Printing	89.92%	4.20%	2.52%	3.36%	119
	Agric&FoodProcess-Machines	62.50%	25.00%	0.00%	12.50%	8
	Environment	68.97%	10.34%	10.34%	10.34%	29
MechEng	MachineTools	89.23%	7.69%	1.54%	1.54%	65
	Motors	89.86%	3.38%	1.35%	5.41%	148
	ThermProcesses	92.31%	5.13%	0.00%	2.56%	39
	MechElements	90.00%	3.33%	2.50%	4.17%	120
	Transportation	85.88%	2.82%	5.65%	5.65%	177
ConsConst	ConsGoods	93.15%	2.74%	1.37%	4.11%	73
	ConstrTechn	90.91%	0.00%	4.55%	4.55%	22
All		80.87%	9.32%	5.43%	4.60%	3110

政府系研究機関

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	242	8	4	10	19	283
	Audiovisual	140	2	1	12	7	162
	Telecom	169	4	2	9	12	195
	IT	139	2	3	11	12	167
	Semiconductors	117	8	8	2	9	144
Instruments	Optical	139	5	1	6	6	157
	Analysis/Masurement/ControlTech	205	7	3	15	16	246
	MedicalTechn	102	2	3	9	14	130
	NuclearTechn	8	2	1	0	3	14
Chemistry	OrganicChem	131	5	5	9	7	156
	Polymers	108	1	3	8	11	131
	Pharmaceuticals/Cosmetics	97	4	3	5	9	118
	Biotechnology	64	12	2	5	7	89
	Agric&Foods	16	0	0	1	3	20
	PetrolChem/MaterialsChem	64	0	1	3	3	71
	SurfaceTechn	49	5	1	1	4	60
	Materials	75	3	5	4	16	103
ProcEng	ChemEngineering	61	3	2	2	3	70
	Matprocessing/Textiles/Paper	105	5	2	11	6	129
	Handl/Printing	109	3	1	5	9	127
	Agric&FoodProcess-Machines	5	2	0	1	1	9
	Environment	24	0	1	3	4	32
MechEng	MachineTools	61	3	0	1	6	71
	Motors	135	1	2	9	9	156
	ThermProcesses	37	1	0	1	3	42
	MechElements	109	5	1	5	10	130
	Transportation	158	1	3	13	16	191
ConsConst	ConsGoods	69	0	1	3	7	80
	ConstrTechn	21	0	0	1	1	23
Total		2759	94	59	165	233	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	91.67%	3.03%	1.52%	3.79%	264
	Audiovisual	90.32%	1.29%	0.65%	7.74%	155
	Telecom	92.35%	2.19%	1.09%	4.92%	183
	IT	89.68%	1.29%	1.94%	7.10%	155
	Semiconductors	86.67%	5.93%	5.93%	1.48%	135
Instruments	Optical	92.05%	3.31%	0.66%	3.97%	151
	Analysis/Masurement/ControlTech	89.13%	3.04%	1.30%	6.52%	230
	MedicalTechn	87.93%	1.72%	2.59%	7.76%	116
	NuclearTechn	72.73%	18.18%	9.09%	0.00%	11
Chemistry	OrganicChem	87.92%	3.36%	3.36%	6.04%	149
	Polymers	90.00%	0.83%	2.50%	6.67%	120
	Pharmaceuticals/Cosmetics	88.99%	3.67%	2.75%	4.59%	109
	Biotechnology	78.05%	14.63%	2.44%	6.10%	82
	Agric&Foods	94.12%	0.00%	0.00%	5.88%	17
	PetrolChem/MaterialsChem	94.12%	0.00%	1.47%	4.41%	68
	SurfaceTechn	87.50%	8.93%	1.79%	1.79%	56
	Materials	86.21%	3.45%	5.75%	4.60%	87
ProcEng	ChemEngineering	91.04%	4.48%	2.99%	2.99%	67
	Matprocessing/Textiles/Paper	85.37%	4.07%	1.63%	8.94%	123
	Handl/Printing	92.37%	2.54%	0.85%	4.24%	118
	Agric&FoodProcess-Machines	62.50%	25.00%	0.00%	12.50%	8
	Environment	85.71%	0.00%	3.57%	10.71%	28
MechEng	MachineTools	93.85%	4.62%	0.00%	1.54%	65
	Motors	91.84%	0.68%	1.36%	6.12%	147
	ThermProcesses	94.87%	2.56%	0.00%	2.56%	39
	MechElements	90.83%	4.17%	0.83%	4.17%	120
	Transportation	90.29%	0.57%	1.71%	7.43%	175
ConsConst	ConsGoods	94.52%	0.00%	1.37%	4.11%	73
	ConstrTechn	95.45%	0.00%	0.00%	4.55%	22
All		89.78%	3.06%	1.92%	5.37%	3073

民間病院・財団法人・民間研究機関

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	242	3	6	12	20	283
	Audiovisual	140	1	4	10	7	162
	Telecom	171	0	3	9	12	195
	IT	140	2	2	11	12	167
	Semiconductors	123	4	4	4	9	144
Instruments	Optical	139	1	3	7	7	157
	Analysis/Masurement/ControlTech	206	6	5	15	14	246
	MedicalTechn	100	4	5	9	12	130
	NuclearTechn	9	1	0	1	3	14
Chemistry	OrganicChem	136	6	2	6	7	156
	Polymers	107	4	2	8	10	131
	Pharmaceuticals/Cosmetics	99	2	0	5	12	118
	Biotechnology	63	6	5	7	8	89
	Agric&Foods	15	0	1	1	3	20
	PetrolChem/MaterialsChem	63	2	1	2	3	71
	SurfaceTechn	49	3	3	1	4	60
	Materials	82	3	2	4	12	103
ProcEng	ChemEngineering	57	5	2	2	4	70
	Matprocessing/Textiles/Paper	111	0	2	10	6	129
	Handl/Printing	113	1	0	5	8	127
	Agric&FoodProcess-Machines	6	0	0	2	1	9
	Environment	23	2	1	2	4	32
MechEng	MachineTools	61	1	0	1	8	71
	Motors	138	1	2	8	7	156
	ThermProcesses	37	0	0	2	3	42
	MechElements	112	0	1	7	10	130
	Transportation	158	2	5	13	13	191
ConsConst	ConsGoods	68	1	1	3	7	80
	ConstrTechn	21	0	0	1	1	23
Total		2789	61	62	168	227	3,306

		c10a_7 協力関係 無し	c10b_7 正式な協 力関係	c10c_7 非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	92.02%	1.14%	2.28%	4.56%	263
	Audiovisual	90.32%	0.65%	2.58%	6.45%	155
	Telecom	93.44%	0.00%	1.64%	4.92%	183
	IT	90.32%	1.29%	1.29%	7.10%	155
	Semiconductors	91.11%	2.96%	2.96%	2.96%	135
Instruments	Optical	92.67%	0.67%	2.00%	4.67%	150
	Analysis/Masurement/ControlTech	88.79%	2.59%	2.16%	6.47%	232
	MedicalTechn	84.75%	3.39%	4.24%	7.63%	118
	NuclearTechn	81.82%	9.09%	0.00%	9.09%	11
Chemistry	OrganicChem	91.28%	4.03%	1.34%	4.03%	149
	Polymers	88.43%	3.31%	1.65%	6.61%	121
	Pharmaceuticals/Cosmetics	93.40%	1.89%	0.00%	4.72%	106
	Biotechnology	77.78%	7.41%	6.17%	8.64%	81
	Agric&Foods	88.24%	0.00%	5.88%	5.88%	17
	PetrolChem/MaterialsChem	92.65%	2.94%	1.47%	2.94%	68
	SurfaceTechn	87.50%	5.36%	5.36%	1.79%	56
	Materials	90.11%	3.30%	2.20%	4.40%	91
ProcEng	ChemEngineering	86.36%	7.58%	3.03%	3.03%	66
	Matprocessing/Textiles/Paper	90.24%	0.00%	1.63%	8.13%	123
	Handl/Printing	94.96%	0.84%	0.00%	4.20%	119
	Agric&FoodProcess-Machines	75.00%	0.00%	0.00%	25.00%	8
	Environment	82.14%	7.14%	3.57%	7.14%	28
MechEng	MachineTools	96.83%	1.59%	0.00%	1.59%	63
	Motors	92.62%	0.67%	1.34%	5.37%	149
	ThermProcesses	94.87%	0.00%	0.00%	5.13%	39
	MechElements	93.33%	0.00%	0.83%	5.83%	120
	Transportation	88.76%	1.12%	2.81%	7.30%	178
ConsConst	ConsGoods	93.15%	1.37%	1.37%	4.11%	73
	ConstrTechn	95.45%	0.00%	0.00%	4.55%	22
All		90.58%	1.98%	2.01%	5.46%	3079

その他

[Multiple choice]

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	無回答	Total
ElecEng	Electr/Energy	102	6	2	9	164	283
	Audiovisual	57	1	0	9	95	162
	Telecom	75	2	1	8	109	195
	IT	71	3	0	11	82	167
	Semiconductors	44	2	0	4	94	144
Instruments	Optical	61	2	2	12	80	157
	Analysis/Measurement/ControlTech	78	3	2	15	148	246
	MedicalTechn	40	2	1	8	79	130
	NuclearTechn	0	0	0	2	12	14
Chemistry	OrganicChem	52	2	2	8	93	156
	Polymers	32	0	0	4	95	131
	Pharmaceuticals/Cosmetics	33	1	0	7	77	118
	Biotechnology	22	1	0	5	61	89
	Agric&Foods	6	0	1	0	13	20
	PetrolChem/MaterialsChem	22	1	0	4	44	71
	SurfaceTechn	17	0	0	5	38	60
	Materials	25	0	1	2	75	103
ProcEng	ChemEngineering	21	1	0	3	45	70
	Matprocessing/Textiles/Paper	42	0	0	8	79	129
	Handl/Printing	42	0	0	6	79	127
	Agric&FoodProcess-Machines	3	1	0	0	5	9
	Environment	8	0	0	3	21	32
MechEng	MachineTools	31	1	0	1	38	71
	Motors	45	1	0	10	100	156
	ThermProcesses	17	0	0	1	24	42
	MechElements	47	0	0	6	77	130
	Transportation	66	1	2	12	110	191
ConsConst	ConsGoods	30	1	1	2	46	80
	ConstrTechn	5	0	0	1	17	23
Total		1094	32	15	166	2000	3,306

		協力関係 無し	正式な協 力関係	非公式な 協力関係	分からな い	N
ElecEng	Electr/Energy	85.71%	5.04%	1.68%	7.56%	119
	Audiovisual	85.07%	1.49%	0.00%	13.43%	67
	Telecom	87.21%	2.33%	1.16%	9.30%	86
	IT	83.53%	3.53%	0.00%	12.94%	85
	Semiconductors	88.00%	4.00%	0.00%	8.00%	50
Instruments	Optical	79.22%	2.60%	2.60%	15.58%	77
	Analysis/Measurement/ControlTech	79.59%	3.06%	2.04%	15.31%	98
	MedicalTechn	78.43%	3.92%	1.96%	15.69%	51
	NuclearTechn	0.00%	0.00%	0.00%	100.00%	2
Chemistry	OrganicChem	82.54%	3.17%	3.17%	12.70%	63
	Polymers	88.89%	0.00%	0.00%	11.11%	36
	Pharmaceuticals/Cosmetics	80.49%	2.44%	0.00%	17.07%	41
	Biotechnology	78.57%	3.57%	0.00%	17.86%	28
	Agric&Foods	85.71%	0.00%	14.29%	0.00%	7
	PetrolChem/MaterialsChem	81.48%	3.70%	0.00%	14.81%	27
	SurfaceTechn	77.27%	0.00%	0.00%	22.73%	22
	Materials	89.29%	0.00%	3.57%	7.14%	28
ProcEng	ChemEngineering	84.00%	4.00%	0.00%	12.00%	25
	Matprocessing/Textiles/Paper	84.00%	0.00%	0.00%	16.00%	50
	Handl/Printing	87.50%	0.00%	0.00%	12.50%	48
	Agric&FoodProcess-Machines	75.00%	25.00%	0.00%	0.00%	4
	Environment	72.73%	0.00%	0.00%	27.27%	11
MechEng	MachineTools	93.94%	3.03%	0.00%	3.03%	33
	Motors	80.36%	1.79%	0.00%	17.86%	56
	ThermProcesses	94.44%	0.00%	0.00%	5.56%	18
	MechElements	88.68%	0.00%	0.00%	11.32%	53
	Transportation	81.48%	1.23%	2.47%	14.81%	81
ConsConst	ConsGoods	88.24%	2.94%	2.94%	5.88%	34
	ConstrTechn	83.33%	0.00%	0.00%	16.67%	6
All		83.77%	2.45%	1.15%	12.71%	1306

同じ企業・機関に所属する人たちに関して、その人たちのオフィスや勤務場所には1時間以内で行ける

		重要でない				非常に重要	交流はなかった	Total
ElecEng	Electr/Energy	42	23	42	41	62	73	283
	Audiovisual	27	6	26	25	32	46	162
	Telecom	28	11	37	22	32	65	195
	IT	21	11	24	27	44	40	167
	Semiconductors	24	10	25	12	28	45	144
Instruments	Optical	26	16	20	27	29	39	157
	Analysis/Measurement/ControlTech	44	16	32	34	61	59	246
	MedicalTechn	33	6	15	22	22	32	130
	NuclearTechn	2	0	3	2	2	5	14
Chemistry	OrganicChem	23	11	18	20	49	35	156
	Polymers	24	13	22	18	32	22	131
	Pharmaceuticals/Cosmetics	26	6	10	18	28	30	118
	Biotechnology	16	4	17	10	19	23	89
	Agric&Foods	6	0	2	6	3	3	20
	PetrolChem/MaterialsChem	9	4	11	7	19	21	71
	SurfaceTechn	9	3	11	10	15	12	60
ProcEng	Materials	15	11	13	20	25	19	103
	ChemEngineering	15	7	10	7	12	19	70
	Matprocessing/Textiles/Paper	25	3	24	16	29	32	129
	Handl/Printing	11	9	18	21	35	33	127
	Agric&FoodProcess-Machines	3	0	0	2	0	4	9
MechEng	Environment	5	3	6	5	9	4	32
	MachineTools	15	10	8	8	14	16	71
	Motors	25	5	23	25	37	41	156
	ThermProcesses	4	0	11	8	10	9	42
	MechElements	20	9	21	24	22	34	130
ConsConst	Transportation	41	17	25	32	39	37	191
	ConsGoods	10	11	9	12	15	23	80
	ConstrTechn	6	1	3	1	2	10	23
Total		555	226	486	482	726	831	3,306

		重要でない				非常に重要	交流はなかった	Total	N
ElecEng	Electr/Energy	14.84%	8.13%	14.84%	14.49%	21.91%	25.80%	100%	283
	Audiovisual	16.67%	3.70%	16.05%	15.43%	19.75%	28.40%	100%	162
	Telecom	14.36%	5.64%	18.97%	11.28%	16.41%	33.33%	100%	195
	IT	12.57%	6.59%	14.37%	16.17%	26.35%	23.95%	100%	167
	Semiconductors	16.67%	6.94%	17.36%	8.33%	19.44%	31.25%	100%	144
Instruments	Optical	16.56%	10.19%	12.74%	17.20%	18.47%	24.84%	100%	157
	Analysis/Measurement/ControlTech	17.89%	6.50%	13.01%	13.82%	24.80%	23.98%	100%	246
	MedicalTechn	25.38%	4.62%	11.54%	16.92%	16.92%	24.62%	100%	130
	NuclearTechn	14.29%	0.00%	21.43%	14.29%	14.29%	35.71%	100%	14
Chemistry	OrganicChem	14.74%	7.05%	11.54%	12.82%	31.41%	22.44%	100%	156
	Polymers	18.32%	9.92%	16.79%	13.74%	24.43%	16.79%	100%	131
	Pharmaceuticals/Cosmetics	22.03%	5.08%	8.47%	15.25%	23.73%	25.42%	100%	118
	Biotechnology	17.98%	4.49%	19.10%	11.24%	21.35%	25.84%	100%	89
	Agric&Foods	30.00%	0.00%	10.00%	30.00%	15.00%	15.00%	100%	20
	PetrolChem/MaterialsChem	12.68%	5.63%	15.49%	9.86%	26.76%	29.58%	100%	71
	SurfaceTechn	15.00%	5.00%	18.33%	16.67%	25.00%	20.00%	100%	60
ProcEng	Materials	14.56%	10.68%	12.62%	19.42%	24.27%	18.45%	100%	103
	ChemEngineering	21.43%	10.00%	14.29%	10.00%	17.14%	27.14%	100%	70
	Matprocessing/Textiles/Paper	19.38%	2.33%	18.60%	12.40%	22.48%	24.81%	100%	129
	Handl/Printing	8.66%	7.09%	14.17%	16.54%	27.56%	25.98%	100%	127
	Agric&FoodProcess-Machines	33.33%	0.00%	0.00%	22.22%	0.00%	44.44%	100%	9
MechEng	Environment	15.63%	9.38%	18.75%	15.63%	28.13%	12.50%	100%	32
	MachineTools	21.13%	14.08%	11.27%	11.27%	19.72%	22.54%	100%	71
	Motors	16.03%	3.21%	14.74%	16.03%	23.72%	26.28%	100%	156
	ThermProcesses	9.52%	0.00%	26.19%	19.05%	23.81%	21.43%	100%	42
	MechElements	15.38%	6.92%	16.15%	18.46%	16.92%	26.15%	100%	130
ConsConst	Transportation	21.47%	8.90%	13.09%	16.75%	20.42%	19.37%	100%	191
	ConsGoods	12.50%	13.75%	11.25%	15.00%	18.75%	28.75%	100%	80
	ConstrTechn	26.09%	4.35%	13.04%	4.35%	8.70%	43.48%	100%	23
All		16.79%	6.84%	14.70%	14.58%	21.96%	25.14%	100%	3,306

同じ企業・機関に所属する人たちにに関して、その人たちのオフィスや勤務場所まで行くには1時間以上かかる

		重要でない				非常に重要	交流は無かった	Total
ElecEng	Electr/Energy	58	27	43	9	19	127	283
	Audiovisual	42	13	24	6	3	74	162
	Telecom	39	16	24	12	8	96	195
	IT	29	20	16	15	8	79	167
	Semiconductors	30	9	14	5	12	74	144
Instruments	Optical	32	23	19	13	6	64	157
	Analysis/Measurement/ControlTech	58	23	30	9	15	111	246
	MedicalTechn	33	13	15	5	12	52	130
	NuclearTechn	2	1	3	0	1	7	14
Chemistry	OrganicChem	34	17	28	10	7	60	156
	Polymers	32	13	29	13	6	38	131
	Pharmaceuticals/Cosmetics	32	11	13	4	5	53	118
	Biotechnology	19	11	20	5	4	30	89
	Agric&Foods	7	3	3	1	1	5	20
	PetrolChem/MaterialsChem	12	5	17	2	4	31	71
	SurfaceTechn	10	8	13	2	5	22	60
ProcEng	Materials	25	13	10	7	4	44	103
	ChemEngineering	22	7	5	5	5	26	70
	Matprocessing/Textiles/Paper	27	9	23	12	10	48	129
	Handl/Printing	25	9	11	11	8	63	127
	Agric&FoodProcess-Machines	4	0	1	0	0	4	9
MechEng	Environment	5	4	5	3	4	11	32
	MachineTools	20	11	6	2	5	27	71
	Motors	38	18	19	6	6	69	156
	ThermProcesses	8	4	8	2	2	18	42
	MechElements	27	20	20	6	6	51	130
	Transportation	59	14	24	5	12	77	191
ConsConst	ConsGoods	12	10	8	5	4	41	80
	ConstrTechn	8	2	1	0	0	12	23
Total		749	334	452	175	182	1,414	3,306

		重要でない				非常に重要	交流は無かった	Total	N
ElecEng	Electr/Energy	20.49%	9.54%	15.19%	3.18%	6.71%	44.88%	100%	283
	Audiovisual	25.93%	8.02%	14.81%	3.70%	1.85%	45.68%	100%	162
	Telecom	20.00%	8.21%	12.31%	6.15%	4.10%	49.23%	100%	195
	IT	17.37%	11.98%	9.58%	8.98%	4.79%	47.31%	100%	167
	Semiconductors	20.83%	6.25%	9.72%	3.47%	8.33%	51.39%	100%	144
Instruments	Optical	20.38%	14.65%	12.10%	8.28%	3.82%	40.76%	100%	157
	Analysis/Measurement/ControlTech	23.58%	9.35%	12.20%	3.66%	6.10%	45.12%	100%	246
	MedicalTechn	25.38%	10.00%	11.54%	3.85%	9.23%	40.00%	100%	130
	NuclearTechn	14.29%	7.14%	21.43%	0.00%	7.14%	50.00%	100%	14
Chemistry	OrganicChem	21.79%	10.90%	17.95%	6.41%	4.49%	38.46%	100%	156
	Polymers	24.43%	9.92%	22.14%	9.92%	4.58%	29.01%	100%	131
	Pharmaceuticals/Cosmetics	27.12%	9.32%	11.02%	3.39%	4.24%	44.92%	100%	118
	Biotechnology	21.35%	12.36%	22.47%	5.62%	4.49%	33.71%	100%	89
	Agric&Foods	35.00%	15.00%	15.00%	5.00%	5.00%	25.00%	100%	20
	PetrolChem/MaterialsChem	16.90%	7.04%	23.94%	2.82%	5.63%	43.66%	100%	71
	SurfaceTechn	16.67%	13.33%	21.67%	3.33%	8.33%	36.67%	100%	60
ProcEng	Materials	24.27%	12.62%	9.71%	6.80%	3.88%	42.72%	100%	103
	ChemEngineering	31.43%	10.00%	7.14%	7.14%	7.14%	37.14%	100%	70
	Matprocessing/Textiles/Paper	20.93%	6.98%	17.83%	9.30%	7.75%	37.21%	100%	129
	Handl/Printing	19.69%	7.09%	8.66%	8.66%	6.30%	49.61%	100%	127
	Agric&FoodProcess-Machines	44.44%	0.00%	11.11%	0.00%	0.00%	44.44%	100%	9
MechEng	Environment	15.63%	12.50%	15.63%	9.38%	12.50%	34.38%	100%	32
	MachineTools	28.17%	15.49%	8.45%	2.82%	7.04%	38.03%	100%	71
	Motors	24.36%	11.54%	12.18%	3.85%	3.85%	44.23%	100%	156
	ThermProcesses	19.05%	9.52%	19.05%	4.76%	4.76%	42.86%	100%	42
	MechElements	20.77%	15.38%	15.38%	4.62%	4.62%	39.23%	100%	130
ConsConst	Transportation	30.89%	7.33%	12.57%	2.62%	6.28%	40.31%	100%	191
	ConsGoods	15.00%	12.50%	10.00%	6.25%	5.00%	51.25%	100%	80
ConsConst	ConstrTechn	34.78%	8.70%	4.35%	0.00%	0.00%	52.17%	100%	23
All		22.66%	10.10%	13.67%	5.29%	5.51%	42.77%	100%	3,306

他の企業・機関に所属する人たちに関して、その人たちのオフィスや勤務場所には1時間以内で行ける

		重要でない				非常に重要	交流は無かった	Total
ElecEng	Electr/Energy	57	16	24	7	12	167	283
	Audiovisual	34	9	14	4	3	98	162
	Telecom	36	13	17	6	2	121	195
	IT	27	3	11	7	7	112	167
	Semiconductors	20	4	11	2	7	100	144
Instruments	Optical	24	10	10	8	5	100	157
	Analysis/Measurement/ControlTech	43	13	17	13	8	152	246
	MedicalTechn	26	2	9	3	8	82	130
	NuclearTechn	4	3	2	0	0	5	14
Chemistry	OrganicChem	32	7	11	2	2	102	156
	Polymers	33	5	14	7	3	69	131
	Pharmaceuticals/Cosmetics	31	6	6	2	4	69	118
	Biotechnology	24	5	7	3	2	48	89
	Agric&Foods	6	2	1	1	0	10	20
	PetrolChem/MaterialsChem	8	2	5	3	6	47	71
	SurfaceTechn	10	4	8	3	2	33	60
ProcEng	Materials	21	3	5	6	2	66	103
	ChemEngineering	16	3	8	1	3	39	70
	Matprocessing/Textiles/Paper	29	7	14	0	4	75	129
	Handl/Printing	18	8	6	2	4	89	127
	Agric&FoodProcess-Machines	4	0	0	1	0	4	9
MechEng	Environment	6	3	3	0	3	17	32
	MachineTools	22	4	2	3	1	39	71
	Motors	29	9	7	3	6	102	156
	ThermProcesses	8	1	5	1	3	24	42
	MechElements	21	12	10	3	4	80	130
ConsConst	Transportation	48	9	10	1	6	117	191
	ConsGoods	7	6	5	3	2	57	80
	ConstrTechn	4	0	2	0	1	16	23
Total		648	169	244	95	110	2,040	3,306

		重要でない				非常に重要	交流は無かった	Total	N
ElecEng	Electr/Energy	20.14%	5.65%	8.48%	2.47%	4.24%	59.01%	100%	283
	Audiovisual	20.99%	5.56%	8.64%	2.47%	1.85%	60.49%	100%	162
	Telecom	18.46%	6.67%	8.72%	3.08%	1.03%	62.05%	100%	195
	IT	16.17%	1.80%	6.59%	4.19%	4.19%	67.07%	100%	167
	Semiconductors	13.89%	2.78%	7.64%	1.39%	4.86%	69.44%	100%	144
Instruments	Optical	15.29%	6.37%	6.37%	5.10%	3.18%	63.69%	100%	157
	Analysis/Measurement/ControlTech	17.48%	5.28%	6.91%	5.28%	3.25%	61.79%	100%	246
	MedicalTechn	20.00%	1.54%	6.92%	2.31%	6.15%	63.08%	100%	130
	NuclearTechn	28.57%	21.43%	14.29%	0.00%	0.00%	35.71%	100%	14
Chemistry	OrganicChem	20.51%	4.49%	7.05%	1.28%	1.28%	65.38%	100%	156
	Polymers	25.19%	3.82%	10.69%	5.34%	2.29%	52.67%	100%	131
	Pharmaceuticals/Cosmetics	26.27%	5.08%	5.08%	1.69%	3.39%	58.47%	100%	118
	Biotechnology	26.97%	5.62%	7.87%	3.37%	2.25%	53.93%	100%	89
	Agric&Foods	30.00%	10.00%	5.00%	5.00%	0.00%	50.00%	100%	20
	PetrolChem/MaterialsChem	11.27%	2.82%	7.04%	4.23%	8.45%	66.20%	100%	71
	SurfaceTechn	16.67%	6.67%	13.33%	5.00%	3.33%	55.00%	100%	60
ProcEng	Materials	20.39%	2.91%	4.85%	5.83%	1.94%	64.08%	100%	103
	ChemEngineering	22.86%	4.29%	11.43%	1.43%	4.29%	55.71%	100%	70
	Matprocessing/Textiles/Paper	22.48%	5.43%	10.85%	0.00%	3.10%	58.14%	100%	129
	Handl/Printing	14.17%	6.30%	4.72%	1.57%	3.15%	70.08%	100%	127
	Agric&FoodProcess-Machines	44.44%	0.00%	0.00%	11.11%	0.00%	44.44%	100%	9
MechEng	Environment	18.75%	9.38%	9.38%	0.00%	9.38%	53.13%	100%	32
	MachineTools	30.99%	5.63%	2.82%	4.23%	1.41%	54.93%	100%	71
	Motors	18.59%	5.77%	4.49%	1.92%	3.85%	65.38%	100%	156
	ThermProcesses	19.05%	2.38%	11.90%	2.38%	7.14%	57.14%	100%	42
	MechElements	16.15%	9.23%	7.69%	2.31%	3.08%	61.54%	100%	130
ConsConst	Transportation	25.13%	4.71%	5.24%	0.52%	3.14%	61.26%	100%	191
	ConsGoods	8.75%	7.50%	6.25%	3.75%	2.50%	71.25%	100%	80
	ConstrTechn	17.39%	0.00%	8.70%	0.00%	4.35%	69.57%	100%	23
All		19.60%	5.11%	7.38%	2.87%	3.33%	61.71%	100%	3,306

他の企業・機関に所属する人たちにに関して、その人たちのオフィスや勤務場所まで行くには1時間以上かかる

		重要でない				非常に重要	交流はなかった	Total
ElecEng	Electr/Energy	56	15	37	13	17	145	283
	Audiovisual	31	14	16	2	10	89	162
	Telecom	35	14	21	6	7	112	195
	IT	27	10	10	5	3	112	167
	Semiconductors	23	4	15	7	9	86	144
Instruments	Optical	27	13	16	7	7	87	157
	Analysis/Measurement/ControlTech	44	12	22	12	15	141	246
	MedicalTechn	25	6	11	3	11	74	130
	NuclearTechn	3	1	4	0	2	4	14
Chemistry	OrganicChem	26	8	15	3	7	97	156
	Polymers	31	5	23	4	4	64	131
	Pharmaceuticals/Cosmetics	30	8	10	4	8	58	118
	Biotechnology	24	6	10	5	4	40	89
	Agric&Foods	8	1	2	0	1	8	20
	PetrolChem/MaterialsChem	8	5	6	4	5	43	71
	SurfaceTechn	13	6	8	3	5	25	60
ProcEng	Materials	20	8	10	8	4	53	103
	ChemEngineering	14	5	7	2	5	37	70
	Matprocessing/Textiles/Paper	29	6	17	5	4	68	129
	Handl/Printing	21	7	5	5	7	82	127
	Agric&FoodProcess-Machines	3	0	1	0	1	4	9
MechEng	Environment	7	2	3	2	4	14	32
	MachineTools	21	6	3	3	4	34	71
	Motors	32	11	11	4	2	96	156
	ThermProcesses	8	3	6	1	1	23	42
	MechElements	21	13	10	8	7	71	130
	Transportation	50	7	12	2	7	113	191
ConsConst	ConsGoods	8	5	6	5	4	52	80
	ConstrTechn	3	1	2	1	2	14	23
Total		648	202	319	124	167	1,846	3,306

		重要でない				非常に重要	交流はなかった	Total	N
ElecEng	Electr/Energy	19.79%	5.30%	13.07%	4.59%	6.01%	51.24%	100%	283
	Audiovisual	19.14%	8.64%	9.88%	1.23%	6.17%	54.94%	100%	162
	Telecom	17.95%	7.18%	10.77%	3.08%	3.59%	57.44%	100%	195
	IT	16.17%	5.99%	5.99%	2.99%	1.80%	67.07%	100%	167
	Semiconductors	15.97%	2.78%	10.42%	4.86%	6.25%	59.72%	100%	144
Instruments	Optical	17.20%	8.28%	10.19%	4.46%	4.46%	55.41%	100%	157
	Analysis/Measurement/ControlTech	17.89%	4.88%	8.94%	4.88%	6.10%	57.32%	100%	246
	MedicalTechn	19.23%	4.62%	8.46%	2.31%	8.46%	56.92%	100%	130
	NuclearTechn	21.43%	7.14%	28.57%	0.00%	14.29%	28.57%	100%	14
Chemistry	OrganicChem	16.67%	5.13%	9.62%	1.92%	4.49%	62.18%	100%	156
	Polymers	23.66%	3.82%	17.56%	3.05%	3.05%	48.85%	100%	131
	Pharmaceuticals/Cosmetics	25.42%	6.78%	8.47%	3.39%	6.78%	49.15%	100%	118
	Biotechnology	26.97%	6.74%	11.24%	5.62%	4.49%	44.94%	100%	89
	Agric&Foods	40.00%	5.00%	10.00%	0.00%	5.00%	40.00%	100%	20
	PetrolChem/MaterialsChem	11.27%	7.04%	8.45%	5.63%	7.04%	60.56%	100%	71
	SurfaceTechn	21.67%	10.00%	13.33%	5.00%	8.33%	41.67%	100%	60
ProcEng	Materials	19.42%	7.77%	9.71%	7.77%	3.88%	51.46%	100%	103
	ChemEngineering	20.00%	7.14%	10.00%	2.86%	7.14%	52.86%	100%	70
	Matprocessing/Textiles/Paper	22.48%	4.65%	13.18%	3.88%	3.10%	52.71%	100%	129
	Handl/Printing	16.54%	5.51%	3.94%	3.94%	5.51%	64.57%	100%	127
	Agric&FoodProcess-Machines	33.33%	0.00%	11.11%	0.00%	11.11%	44.44%	100%	9
MechEng	Environment	21.88%	6.25%	9.38%	6.25%	12.50%	43.75%	100%	32
	MachineTools	29.58%	8.45%	4.23%	4.23%	5.63%	47.89%	100%	71
	Motors	20.51%	7.05%	7.05%	2.56%	1.28%	61.54%	100%	156
	ThermProcesses	19.05%	7.14%	14.29%	2.38%	2.38%	54.76%	100%	42
	MechElements	16.15%	10.00%	7.69%	6.15%	5.38%	54.62%	100%	130
ConsConst	Transportation	26.18%	3.66%	6.28%	1.05%	3.66%	59.16%	100%	191
	ConsGoods	10.00%	6.25%	7.50%	6.25%	5.00%	65.00%	100%	80
	ConstrTechn	13.04%	4.35%	8.70%	4.35%	8.70%	60.87%	100%	23
All		19.60%	6.11%	9.65%	3.75%	5.05%	55.84%	100%	3,306

C12 (C11d)、C11e)の少なくとも一方で1以上を選択した回答者のみ)

他の企業・機関に所属する人たちとの交流に関して

その人たちのオフィスや勤務場所には1時間以内で行ける

		学生時代の クラス メート	学生時代の 指導者 や教授	かつての 同僚	私的な人 脈	その他	無回答	サンプル 数
ElecEng	Electr/Energy	12	13	31	51	6	31	116
	Audiovisual	8	7	12	25	9	17	64
	Telecom	5	4	10	21	11	33	74
	IT	8	3	13	18	8	14	55
	Semiconductors	2	5	7	21	3	14	44
Instruments	Optical	3	10	8	30	2	14	57
	Analysis/Measurement/ControlTech	8	11	17	41	9	28	94
	MedicalTechn	8	5	5	19	2	15	48
	NuclearTechn	0	1	3	1	1	3	9
Chemistry	OrganicChem	9	9	11	30	1	11	54
	Polymers	8	17	10	21	4	13	62
	Pharmaceuticals/Cosmetics	11	14	10	27	1	8	49
	Biotechnology	7	15	12	17	1	10	41
	Agric&Foods	0	2	1	4	0	4	10
	PetrolChem/MaterialsChem	3	5	6	10	3	5	24
	SurfaceTechn	3	6	9	12	2	9	27
	Materials	1	6	6	14	3	10	37
ProcEng	ChemEngineering	3	5	5	12	4	8	31
	Matprocessing/Textiles/Paper	5	10	7	21	6	20	54
	Handl/Printing	6	7	6	17	2	6	38
	Agric&FoodProcess-Machines	0	1	0	2	1	1	5
	Environment	3	3	4	8	2	3	15
MechEng	MachineTools	2	7	6	12	1	13	32
	Motors	5	9	14	18	4	23	54
	ThermProcesses	1	3	2	8	0	6	18
	MechElements	5	7	10	14	7	16	50
	Transportation	9	6	21	32	5	17	74
ConsConst	ConsGoods	3	4	5	13	3	1	23
	ConstrTechn	0	0	1	1	1	4	7
Total		138	195	252	520	102	357	1266

		N	学生時代の クラス メート	学生時代の 指導者 や教授	かつての 同僚	私的な人 脈	その他	total
ElecEng	Electr/Energy	85	38.71%	41.94%	100.00%	164.52%	19.35%	100%
	Audiovisual	47	47.06%	41.18%	70.59%	147.06%	52.94%	100%
	Telecom	41	15.15%	12.12%	30.30%	63.64%	33.33%	100%
	IT	41	57.14%	21.43%	92.86%	128.57%	57.14%	100%
	Semiconductors	30	14.29%	35.71%	50.00%	150.00%	21.43%	100%
Instruments	Optical	43	21.43%	71.43%	57.14%	214.29%	14.29%	100%
	Analysis/Measurement/ControlTech	66	28.57%	39.29%	60.71%	146.43%	32.14%	100%
	MedicalTechn	33	53.33%	33.33%	33.33%	126.67%	13.33%	100%
	NuclearTechn	6	0.00%	33.33%	100.00%	33.33%	33.33%	100%
Chemistry	OrganicChem	43	81.82%	81.82%	100.00%	272.73%	9.09%	100%
	Polymers	49	61.54%	130.77%	76.92%	161.54%	30.77%	100%
	Pharmaceuticals/Cosmetics	41	137.50%	175.00%	125.00%	337.50%	12.50%	100%
	Biotechnology	31	70.00%	150.00%	120.00%	170.00%	10.00%	100%
	Agric&Foods	6	0.00%	50.00%	25.00%	100.00%	0.00%	100%
	PetrolChem/MaterialsChem	19	60.00%	100.00%	120.00%	200.00%	60.00%	100%
	SurfaceTechn	18	33.33%	66.67%	100.00%	133.33%	22.22%	100%
	Materials	27	10.00%	60.00%	60.00%	140.00%	30.00%	100%
ProcEng	ChemEngineering	23	37.50%	62.50%	62.50%	150.00%	50.00%	100%
	Matprocessing/Textiles/Paper	34	25.00%	50.00%	35.00%	105.00%	30.00%	100%
	Handl/Printing	32	100.00%	116.67%	100.00%	283.33%	33.33%	100%
	Agric&FoodProcess-Machines	4	0.00%	100.00%	0.00%	200.00%	100.00%	100%
	Environment	12	100.00%	100.00%	133.33%	266.67%	66.67%	100%
MechEng	MachineTools	19	15.38%	53.85%	46.15%	92.31%	7.69%	100%
	Motors	31	21.74%	39.13%	60.87%	78.26%	17.39%	100%
	ThermProcesses	12	16.67%	50.00%	33.33%	133.33%	0.00%	100%
	MechElements	34	31.25%	43.75%	62.50%	87.50%	43.75%	100%
	Transportation	57	52.94%	35.29%	123.53%	188.24%	29.41%	100%
ConsConst	ConsGoods	22	300.00%	400.00%	500.00%	1300.00%	300.00%	100%
	ConstrTechn	3	0.00%	0.00%	25.00%	25.00%	25.00%	100%
All		909	38.66%	54.62%	70.59%	145.66%	28.57%	100%

C12 (C11d)、C11e)の少なくとも一方で1以上を選択した回答者のみ)

他の企業・機関に所属する人たちとの交流に関して

その人たちのオフィスや勤務場所まで行くには1時間以上かかる

		学生時代の クラス メート	学生時代の 指導者 や教授	かつての 同僚	私的な人 脈	その他	無回答	サンプル数
ElecEng	Electr/Energy	18	23	23	54	19	25	138
	Audiovisual	14	16	16	33	13	12	73
	Telecom	11	7	14	21	24	24	83
	IT	9	5	9	18	10	13	55
	Semiconductors	8	13	7	22	11	13	58
Instruments	Optical	10	15	7	37	5	13	70
	Analysis/Measurement/ControlTech	24	30	20	51	16	18	105
	MedicalTechn	8	8	8	26	5	12	56
	NuclearTechn	1	3	2	3	2	2	10
Chemistry	OrganicChem	9	14	12	28	5	9	59
	Polymers	8	18	9	19	13	12	67
	Pharmaceuticals/Cosmetics	13	26	5	27	6	9	60
	Biotechnology	8	18	9	20	8	5	49
	Agric&Foods	1	3	5	5	1	2	12
	PetrolChem/MaterialsChem	8	12	6	14	3	3	28
	SurfaceTechn	7	10	6	14	7	6	35
	Materials	2	14	1	23	11	5	50
ProcEng	ChemEngineering	7	9	7	14	5	4	33
	Matprocessing/Textiles/Paper	7	13	9	28	10	12	61
	Handl/Printing	13	7	7	20	6	5	45
	Agric&FoodProcess-Machines	0	1	0	2	1	1	5
	Environment	5	3	5	6	3	3	18
MechEng	MachineTools	4	7	7	13	8	8	37
	Motors	8	9	11	24	10	18	60
	ThermProcesses	3	3	2	7	0	5	19
	MechElements	8	10	9	17	11	13	59
	Transportation	8	13	9	30	11	20	78
ConsConst	ConsGoods	5	2	5	18	4	1	28
	ConstrTechn	0	1	1	4	3	1	9
Total		227	313	231	598	231	274	1460

		学生時代の クラス メート	学生時代の 指導者 や教授	かつての 同僚	私的な人 脈	その他	total	N
ElecEng	Electr/Energy	72.00%	92.00%	92.00%	216.00%	76.00%	100%	113
	Audiovisual	116.67%	133.33%	133.33%	275.00%	108.33%	100%	61
	Telecom	45.83%	29.17%	58.33%	87.50%	100.00%	100%	59
	IT	69.23%	38.46%	69.23%	138.46%	76.92%	100%	42
	Semiconductors	61.54%	100.00%	53.85%	169.23%	84.62%	100%	45
Instruments	Optical	76.92%	115.38%	53.85%	284.62%	38.46%	100%	57
	Analysis/Measurement/ControlTech	133.33%	166.67%	111.11%	283.33%	88.89%	100%	87
	MedicalTechn	66.67%	66.67%	66.67%	216.67%	41.67%	100%	44
	NuclearTechn	50.00%	150.00%	100.00%	150.00%	100.00%	100%	8
Chemistry	OrganicChem	100.00%	155.56%	133.33%	311.11%	55.56%	100%	50
	Polymers	66.67%	150.00%	75.00%	158.33%	108.33%	100%	55
	Pharmaceuticals/Cosmetics	144.44%	288.89%	55.56%	300.00%	66.67%	100%	51
	Biotechnology	160.00%	360.00%	180.00%	400.00%	160.00%	100%	44
	Agric&Foods	50.00%	150.00%	250.00%	250.00%	50.00%	100%	10
	PetrolChem/MaterialsChem	266.67%	400.00%	200.00%	466.67%	100.00%	100%	25
	SurfaceTechn	116.67%	166.67%	100.00%	233.33%	116.67%	100%	29
	Materials	40.00%	280.00%	20.00%	460.00%	220.00%	100%	45
ProcEng	ChemEngineering	175.00%	225.00%	175.00%	350.00%	125.00%	100%	29
	Matprocessing/Textiles/Paper	58.33%	108.33%	75.00%	233.33%	83.33%	100%	49
	Handl/Printing	260.00%	140.00%	140.00%	400.00%	120.00%	100%	40
	Agric&FoodProcess-Machines	0.00%	100.00%	0.00%	200.00%	100.00%	100%	4
	Environment	166.67%	100.00%	166.67%	200.00%	100.00%	100%	15
MechEng	MachineTools	50.00%	87.50%	87.50%	162.50%	100.00%	100%	29
	Motors	44.44%	50.00%	61.11%	133.33%	55.56%	100%	42
	ThermProcesses	60.00%	60.00%	40.00%	140.00%	0.00%	100%	14
	MechElements	61.54%	76.92%	69.23%	130.77%	84.62%	100%	46
	Transportation	40.00%	65.00%	45.00%	150.00%	55.00%	100%	58
ConsConst	ConsGoods	500.00%	200.00%	500.00%	1800.00%	400.00%	100%	27
	ConstrTechn	0.00%	100.00%	100.00%	400.00%	300.00%	100%	8
All		82.85%	114.23%	84.31%	218.25%	84.31%	100%	1186

C13 (B10で「はい」を選択した回答者のみ) c13
 同じ企業・機関に所属する人たちのうち、海外勤務経験者と重要な交流があったか

		はい	いいえ	分からない	無回答	Total
ElecEng	Electr/Energy	68	169	20	20	257
	Audiovisual	49	92	8	8	149
	Telecom	55	107	13	14	176
	IT	58	87	9	9	154
	Semiconductors	37	76	5	5	118
Instruments	Optical	51	77	10	12	140
	Analysis/Measurement/ControlTech	78	104	9	12	194
	MedicalTechn	37	62	10	10	109
	NuclearTechn	4	5	1	1	10
Chemistry	OrganicChem	47	67	10	10	124
	Polymers	38	70	6	7	115
	Pharmaceuticals/Cosmetics	40	42	3	3	85
	Biotechnology	29	15	5	5	49
	Agric&Foods	1	13	2	2	16
	PetrolChem/MaterialsChem	17	35	6	6	58
	SurfaceTechn	16	33	2	2	51
	Materials	36	47	7	7	90
ProcEng	ChemEngineering	18	35	6	6	59
	Matprocessing/Textiles/Paper	37	60	8	9	106
	Handl/Printing	39	70	10	10	119
	Agric&FoodProcess-Machines	2	3	1	1	6
	Environment	8	17	1	1	26
MechEng	MachineTools	17	40	4	4	61
	Motors	49	77	17	17	143
	ThermProcesses	12	20	5	5	37
	MechElements	38	74	5	5	117
	Transportation	69	102	7	8	179
ConsConst	ConsGoods	21	43	7	7	71
	ConstrTechn	6	12	0	0	18
Total		977	1,654	197	206	2,837

		はい	いいえ	Total	N
ElecEng	Electr/Energy	28.7%	71.3%	100%	237
	Audiovisual	34.8%	65.2%	100%	141
	Telecom	34.0%	66.0%	100%	162
	IT	40.0%	60.0%	100%	145
	Semiconductors	32.7%	67.3%	100%	113
Instruments	Optical	39.8%	60.2%	100%	128
	Analysis/Measurement/ControlTech	42.9%	57.1%	100%	182
	MedicalTechn	37.4%	62.6%	100%	99
	NuclearTechn	44.4%	55.6%	100%	9
Chemistry	OrganicChem	41.2%	58.8%	100%	114
	Polymers	35.2%	64.8%	100%	108
	Pharmaceuticals/Cosmetics	48.8%	51.2%	100%	82
	Biotechnology	65.9%	34.1%	100%	44
	Agric&Foods	7.1%	92.9%	100%	14
	PetrolChem/MaterialsChem	32.7%	67.3%	100%	52
	SurfaceTechn	32.7%	67.3%	100%	49
	Materials	43.4%	56.6%	100%	83
ProcEng	ChemEngineering	34.0%	66.0%	100%	53
	Matprocessing/Textiles/Paper	38.1%	61.9%	100%	97
	Handl/Printing	35.8%	64.2%	100%	109
	Agric&FoodProcess-Machines	40.0%	60.0%	100%	5
	Environment	32.0%	68.0%	100%	25
MechEng	MachineTools	29.8%	70.2%	100%	57
	Motors	38.9%	61.1%	100%	126
	ThermProcesses	37.5%	62.5%	100%	32
	MechElements	33.9%	66.1%	100%	112
	Transportation	40.4%	59.6%	100%	171
ConsConst	ConsGoods	32.8%	67.2%	100%	64
	ConstrTechn	33.3%	66.7%	100%	18
All		37.1%	62.9%	100%	2,631

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
大学・教育機関

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	52	19	42	32	26	108	4	283
	Audiovisual	36	14	23	12	9	68	0	162
	Telecom	39	12	21	24	13	85	1	195
	IT	20	9	14	15	11	97	1	167
	Semiconductors	27	5	17	13	18	60	4	144
Instruments	Optical	37	19	23	16	16	41	5	157
	Analysis/Masurement/ControlTech	43	18	21	24	37	100	3	246
	MedicalTechn	29	12	10	9	20	49	1	130
	NuclearTechn	1	1	0	3	7	2	0	14
Chemistry	OrganicChem	27	15	15	21	35	43	0	156
	Polymers	25	17	25	14	9	37	4	131
	Pharmaceuticals/Cosmetics	13	12	17	19	31	26	0	118
	Biotechnology	17	6	8	23	28	7	0	89
	Agric&Foods	5	2	3	2	1	6	1	20
	PetrolChem/MaterialsChem	11	2	14	8	8	26	2	71
	SurfaceTechn	11	7	12	7	8	15	0	60
	Materials	14	3	15	22	16	29	4	103
ProcEng	ChemEngineering	11	5	11	13	14	16	0	70
	Matprocessing/Textiles/Paper	14	9	20	10	10	66	0	129
	Handl/Printing	29	12	8	11	4	60	3	127
	Agric&FoodProcess-Machines	2	0	1	0	3	2	1	9
	Environment	5	4	5	3	2	11	2	32
MechEng	MachineTools	15	4	5	5	6	34	2	71
	Motors	33	10	13	9	7	82	2	156
	ThermProcesses	7	2	4	6	1	21	1	42
	MechElements	30	6	16	8	5	64	1	130
	Transportation	42	10	15	14	9	95	6	191
ConsConst	ConsGoods	11	7	8	5	4	44	1	80
	ConstrTechn	7	0	0	1	2	12	1	23
Total		613	242	386	349	360	1306	50	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	18.6%	6.8%	15.1%	11.5%	9.3%	38.7%	100%	279
	Audiovisual	22.2%	8.6%	14.2%	7.4%	5.6%	42.0%	100%	162
	Telecom	20.1%	6.2%	10.8%	12.4%	6.7%	43.8%	100%	194
	IT	12.0%	5.4%	8.4%	9.0%	6.6%	58.4%	100%	166
	Semiconductors	19.3%	3.6%	12.1%	9.3%	12.9%	42.9%	100%	140
Instruments	Optical	24.3%	12.5%	15.1%	10.5%	10.5%	27.0%	100%	152
	Analysis/Masurement/ControlTech	17.7%	7.4%	8.6%	9.9%	15.2%	41.2%	100%	243
	MedicalTechn	22.5%	9.3%	7.8%	7.0%	15.5%	38.0%	100%	129
	NuclearTechn	7.1%	7.1%	0.0%	21.4%	50.0%	14.3%	100%	14
Chemistry	OrganicChem	17.3%	9.6%	9.6%	13.5%	22.4%	27.6%	100%	156
	Polymers	19.7%	13.4%	19.7%	11.0%	7.1%	29.1%	100%	127
	Pharmaceuticals/Cosmetics	11.0%	10.2%	14.4%	16.1%	26.3%	22.0%	100%	118
	Biotechnology	19.1%	6.7%	9.0%	25.8%	31.5%	7.9%	100%	89
	Agric&Foods	26.3%	10.5%	15.8%	10.5%	5.3%	31.6%	100%	19
	PetrolChem/MaterialsChem	15.9%	2.9%	20.3%	11.6%	11.6%	37.7%	100%	69
	SurfaceTechn	18.3%	11.7%	20.0%	11.7%	13.3%	25.0%	100%	60
	Materials	14.1%	3.0%	15.2%	22.2%	16.2%	29.3%	100%	99
ProcEng	ChemEngineering	15.7%	7.1%	15.7%	18.6%	20.0%	22.9%	100%	70
	Matprocessing/Textiles/Paper	10.9%	7.0%	15.5%	7.8%	7.8%	51.2%	100%	129
	Handl/Printing	23.4%	9.7%	6.5%	8.9%	3.2%	48.4%	100%	124
	Agric&FoodProcess-Machines	25.0%	0.0%	12.5%	0.0%	37.5%	25.0%	100%	8
	Environment	16.7%	13.3%	16.7%	10.0%	6.7%	36.7%	100%	30
MechEng	MachineTools	21.7%	5.8%	7.2%	7.2%	8.7%	49.3%	100%	69
	Motors	21.4%	6.5%	8.4%	5.8%	4.5%	53.2%	100%	154
	ThermProcesses	17.1%	4.9%	9.8%	14.6%	2.4%	51.2%	100%	41
	MechElements	23.3%	4.7%	12.4%	6.2%	3.9%	49.6%	100%	129
	Transportation	22.7%	5.4%	8.1%	7.6%	4.9%	51.4%	100%	185
ConsConst	ConsGoods	13.9%	8.9%	10.1%	6.3%	5.1%	55.7%	100%	79
	ConstrTechn	31.8%	0.0%	0.0%	4.5%	9.1%	54.5%	100%	22
All		18.8%	7.4%	11.9%	10.7%	11.1%	40.1%	100%	3256

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
公的研究機関

		重要でない					非常に重要		
		1	2	3	4	5	知識源として使わなかった	無回答	Total
ElecEng	Electr/Energy	55	24	35	21	17	127	4	283
	Audiovisual	35	16	17	7	5	82	0	162
	Telecom	40	13	23	15	9	94	1	195
	IT	25	7	14	7	4	107	3	167
	Semiconductors	26	11	17	13	8	65	4	144
Instruments	Optical	45	19	15	14	8	52	4	157
	Analysis/Masurement/ControlTech	50	22	15	16	15	121	7	246
	MedicalTechn	38	8	14	4	3	61	2	130
	NuclearTechn	1	3	2	1	1	5	1	14
Chemistry	OrganicChem	34	13	16	11	19	62	1	156
	Polymers	27	20	21	8	6	45	4	131
	Pharmaceuticals/Cosmetics	19	9	14	12	9	53	2	118
	Biotechnology	19	6	10	15	11	24	4	89
	Agric&Foods	5	2	3	0	2	7	1	20
	PetrolChem/MaterialsChem	14	5	11	2	4	33	2	71
	SurfaceTechn	12	6	8	5	7	21	1	60
	Materials	16	6	10	16	9	42	4	103
ProcEng	ChemEngineering	15	4	10	12	4	25	0	70
	Matprocessing/Textiles/Paper	20	7	15	9	4	71	3	129
	Handl/Printing	31	15	5	5	2	66	3	127
	Agric&FoodProcess-Machines	1	0	0	0	3	4	1	9
	Environment	7	2	5	3	2	11	2	32
MechEng	MachineTools	18	5	3	2	1	40	2	71
	Motors	36	10	11	3	2	91	3	156
	ThermProcesses	6	6	2	2	0	24	2	42
	MechElements	35	9	7	4	4	70	1	130
	Transportation	44	13	14	9	6	98	7	191
ConsConst	ConsGoods	13	6	5	5	1	49	1	80
	ConstrTechn	8	0	1	1	1	11	1	23
Total		695	267	323	222	167	1561	71	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	19.7%	8.6%	12.5%	7.5%	6.1%	45.5%	100%	279
	Audiovisual	21.6%	9.9%	10.5%	4.3%	3.1%	50.6%	100%	162
	Telecom	20.6%	6.7%	11.9%	7.7%	4.6%	48.5%	100%	194
	IT	15.2%	4.3%	8.5%	4.3%	2.4%	65.2%	100%	164
	Semiconductors	18.6%	7.9%	12.1%	9.3%	5.7%	46.4%	100%	140
Instruments	Optical	29.4%	12.4%	9.8%	9.2%	5.2%	34.0%	100%	153
	Analysis/Masurement/ControlTech	20.9%	9.2%	6.3%	6.7%	6.3%	50.6%	100%	239
	MedicalTechn	29.7%	6.3%	10.9%	3.1%	2.3%	47.7%	100%	128
	NuclearTechn	7.7%	23.1%	15.4%	7.7%	7.7%	38.5%	100%	13
Chemistry	OrganicChem	21.9%	8.4%	10.3%	7.1%	12.3%	40.0%	100%	155
	Polymers	21.3%	15.7%	16.5%	6.3%	4.7%	35.4%	100%	127
	Pharmaceuticals/Cosmetics	16.4%	7.8%	12.1%	10.3%	7.8%	45.7%	100%	116
	Biotechnology	22.4%	7.1%	11.8%	17.6%	12.9%	28.2%	100%	85
	Agric&Foods	26.3%	10.5%	15.8%	0.0%	10.5%	36.8%	100%	19
	PetrolChem/MaterialsChem	20.3%	7.2%	15.9%	2.9%	5.8%	47.8%	100%	69
	SurfaceTechn	20.3%	10.2%	13.6%	8.5%	11.9%	35.6%	100%	59
	Materials	16.2%	6.1%	10.1%	16.2%	9.1%	42.4%	100%	99
ProcEng	ChemEngineering	21.4%	5.7%	14.3%	17.1%	5.7%	35.7%	100%	70
	Matprocessing/Textiles/Paper	15.9%	5.6%	11.9%	7.1%	3.2%	56.3%	100%	126
	Handl/Printing	25.0%	12.1%	4.0%	4.0%	1.6%	53.2%	100%	124
	Agric&FoodProcess-Machines	12.5%	0.0%	0.0%	0.0%	37.5%	50.0%	100%	8
	Environment	23.3%	6.7%	16.7%	10.0%	6.7%	36.7%	100%	30
MechEng	MachineTools	26.1%	7.2%	4.3%	2.9%	1.4%	58.0%	100%	69
	Motors	23.5%	6.5%	7.2%	2.0%	1.3%	59.5%	100%	153
	ThermProcesses	15.0%	15.0%	5.0%	5.0%	0.0%	60.0%	100%	40
	MechElements	27.1%	7.0%	5.4%	3.1%	3.1%	54.3%	100%	129
	Transportation	23.9%	7.1%	7.6%	4.9%	3.3%	53.3%	100%	184
ConsConst	ConsGoods	16.5%	7.6%	6.3%	6.3%	1.3%	62.0%	100%	79
	ConstrTechn	36.4%	0.0%	4.5%	4.5%	4.5%	50.0%	100%	22
All		21.5%	8.3%	10.0%	6.9%	5.2%	48.3%	100%	3235

C14 顧客 発明プロセスにおける知識源としての以下の外部組織の重要性

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	32	23	44	35	69	75	5	283
	Audiovisual	23	6	13	22	37	58	3	162
	Telecom	30	13	23	25	27	75	2	195
	IT	12	7	22	17	22	82	5	167
	Semiconductors	15	7	18	23	34	44	3	144
Instruments	Optical	17	7	28	24	37	37	7	157
	Analysis/Masurement/ControlTech	18	15	23	46	58	78	8	246
	MedicalTechn	21	10	20	15	26	36	2	130
	NuclearTechn	2	0	2	2	5	2	1	14
Chemistry	OrganicChem	40	6	10	10	15	74	1	156
	Polymers	8	9	20	22	37	30	5	131
	Pharmaceuticals/Cosmetics	22	1	9	11	14	58	3	118
	Biotechnology	22	3	7	9	14	30	4	89
	Agric&Foods	3	0	4	2	6	4	1	20
	PetrolChem/MaterialsChem	5	3	10	9	20	23	1	71
	SurfaceTechn	8	4	10	5	20	13	0	60
	Materials	6	4	12	16	28	31	6	103
ProcEng	ChemEngineering	9	5	9	10	15	21	1	70
	Matprocessing/Textiles/Paper	11	9	17	20	25	43	4	129
	Handl/Printing	15	5	13	11	34	46	3	127
	Agric&FoodProcess-Machines	2	0	0	2	1	3	1	9
	Environment	3	1	8	4	5	9	2	32
MechEng	MachineTools	3	5	15	7	19	19	3	71
	Motors	21	8	21	9	33	62	2	156
	ThermProcesses	3	5	6	4	9	14	1	42
	MechElements	11	2	17	17	43	38	2	130
	Transportation	13	8	34	19	56	56	5	191
ConsConst	ConsGoods	7	4	7	17	22	22	1	80
	ConstrTechn	4	0	4	3	2	7	3	23
Total		386	170	426	416	733	1090	85	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	11.5%	8.3%	15.8%	12.6%	24.8%	27.0%	100%	278
	Audiovisual	14.5%	3.8%	8.2%	13.8%	23.3%	36.5%	100%	159
	Telecom	15.5%	6.7%	11.9%	13.0%	14.0%	38.9%	100%	193
	IT	7.4%	4.3%	13.6%	10.5%	13.6%	50.6%	100%	162
	Semiconductors	10.6%	5.0%	12.8%	16.3%	24.1%	31.2%	100%	141
Instruments	Optical	11.3%	4.7%	18.7%	16.0%	24.7%	24.7%	100%	150
	Analysis/Masurement/ControlTech	7.6%	6.3%	9.7%	19.3%	24.4%	32.8%	100%	238
	MedicalTechn	16.4%	7.8%	15.6%	11.7%	20.3%	28.1%	100%	128
	NuclearTechn	15.4%	0.0%	15.4%	15.4%	38.5%	15.4%	100%	13
Chemistry	OrganicChem	25.8%	3.9%	6.5%	6.5%	9.7%	47.7%	100%	155
	Polymers	6.3%	7.1%	15.9%	17.5%	29.4%	23.8%	100%	126
	Pharmaceuticals/Cosmetics	19.1%	0.9%	7.8%	9.6%	12.2%	50.4%	100%	115
	Biotechnology	25.9%	3.5%	8.2%	10.6%	16.5%	35.3%	100%	85
	Agric&Foods	15.8%	0.0%	21.1%	10.5%	31.6%	21.1%	100%	19
	PetrolChem/MaterialsChem	7.1%	4.3%	14.3%	12.9%	28.6%	32.9%	100%	70
	SurfaceTechn	13.3%	6.7%	16.7%	8.3%	33.3%	21.7%	100%	60
	Materials	6.2%	4.1%	12.4%	16.5%	28.9%	32.0%	100%	97
ProcEng	ChemEngineering	13.0%	7.2%	13.0%	14.5%	21.7%	30.4%	100%	69
	Matprocessing/Textiles/Paper	8.8%	7.2%	13.6%	16.0%	20.0%	34.4%	100%	125
	Handl/Printing	12.1%	4.0%	10.5%	8.9%	27.4%	37.1%	100%	124
	Agric&FoodProcess-Machines	25.0%	0.0%	0.0%	25.0%	12.5%	37.5%	100%	8
	Environment	10.0%	3.3%	26.7%	13.3%	16.7%	30.0%	100%	30
MechEng	MachineTools	4.4%	7.4%	22.1%	10.3%	27.9%	27.9%	100%	68
	Motors	13.6%	5.2%	13.6%	5.8%	21.4%	40.3%	100%	154
	ThermProcesses	7.3%	12.2%	14.6%	9.8%	22.0%	34.1%	100%	41
	MechElements	8.6%	1.6%	13.3%	13.3%	33.6%	29.7%	100%	128
	Transportation	7.0%	4.3%	18.3%	10.2%	30.1%	30.1%	100%	186
ConsConst	ConsGoods	8.9%	5.1%	8.9%	21.5%	27.8%	27.8%	100%	79
	ConstrTechn	20.0%	0.0%	20.0%	15.0%	10.0%	35.0%	100%	20
All		12.0%	5.3%	13.2%	12.9%	22.8%	33.8%	100%	3221

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
ユーザー

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	40	24	39	33	54	89	4	283
	Audiovisual	21	8	16	23	31	62	1	162
	Telecom	28	14	32	18	22	79	2	195
	IT	11	7	26	17	28	74	4	167
	Semiconductors	16	7	16	17	34	51	3	144
Instruments	Optical	18	9	25	22	35	42	6	157
	Analysis/Masurement/ControlTech	15	17	27	41	59	78	9	246
	MedicalTechn	18	6	23	18	33	30	2	130
	NuclearTechn	2	0	1	4	3	3	1	14
Chemistry	OrganicChem	41	5	9	7	19	73	2	156
	Polymers	10	7	19	24	38	27	6	131
	Pharmaceuticals/Cosmetics	21	4	8	6	20	55	4	118
	Biotechnology	20	5	8	8	16	26	6	89
	Agric&Foods	5	0	3	2	4	5	1	20
	PetrolChem/MaterialsChem	6	5	9	12	18	19	2	71
	SurfaceTechn	10	3	11	7	16	13	0	60
	Materials	8	4	10	14	29	35	3	103
ProcEng	ChemEngineering	12	3	9	7	14	24	1	70
	Matprocessing/Textiles/Paper	12	7	19	22	23	45	1	129
	Handl/Printing	14	8	14	19	32	37	3	127
	Agric&FoodProcess-Machines	2	0	0	3	3	0	1	9
	Environment	2	2	8	5	5	8	2	32
MechEng	MachineTools	6	5	8	9	25	17	1	71
	Motors	17	7	25	11	31	63	2	156
	ThermProcesses	5	2	6	4	6	17	2	42
	MechElements	12	6	13	17	35	46	1	130
	Transportation	13	13	28	28	52	52	5	191
ConsConst	ConsGoods	5	6	8	17	27	17	0	80
	ConstrTechn	2	2	3	2	5	8	1	23
Total		392	186	423	417	717	1095	76	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	14.3%	8.6%	14.0%	11.8%	19.4%	31.9%	100%	279
	Audiovisual	13.0%	5.0%	9.9%	14.3%	19.3%	38.5%	100%	161
	Telecom	14.5%	7.3%	16.6%	9.3%	11.4%	40.9%	100%	193
	IT	6.7%	4.3%	16.0%	10.4%	17.2%	45.4%	100%	163
	Semiconductors	11.3%	5.0%	11.3%	12.1%	24.1%	36.2%	100%	141
Instruments	Optical	11.9%	6.0%	16.6%	14.6%	23.2%	27.8%	100%	151
	Analysis/Masurement/ControlTech	6.3%	7.2%	11.4%	17.3%	24.9%	32.9%	100%	237
	MedicalTechn	14.1%	4.7%	18.0%	14.1%	25.8%	23.4%	100%	128
	NuclearTechn	15.4%	0.0%	7.7%	30.8%	23.1%	23.1%	100%	13
Chemistry	OrganicChem	26.6%	3.2%	5.8%	4.5%	12.3%	47.4%	100%	154
	Polymers	8.0%	5.6%	15.2%	19.2%	30.4%	21.6%	100%	125
	Pharmaceuticals/Cosmetics	18.4%	3.5%	7.0%	5.3%	17.5%	48.2%	100%	114
	Biotechnology	24.1%	6.0%	9.6%	9.6%	19.3%	31.3%	100%	83
	Agric&Foods	26.3%	0.0%	15.8%	10.5%	21.1%	26.3%	100%	19
	PetrolChem/MaterialsChem	8.7%	7.2%	13.0%	17.4%	26.1%	27.5%	100%	69
	SurfaceTechn	16.7%	5.0%	18.3%	11.7%	26.7%	21.7%	100%	60
	Materials	8.0%	4.0%	10.0%	14.0%	29.0%	35.0%	100%	100
ProcEng	ChemEngineering	17.4%	4.3%	13.0%	10.1%	20.3%	34.8%	100%	69
	Matprocessing/Textiles/Paper	9.4%	5.5%	14.8%	17.2%	18.0%	35.2%	100%	128
	Handl/Printing	11.3%	6.5%	11.3%	15.3%	25.8%	29.8%	100%	124
	Agric&FoodProcess-Machines	25.0%	0.0%	0.0%	37.5%	37.5%	0.0%	100%	8
	Environment	6.7%	6.7%	26.7%	16.7%	16.7%	26.7%	100%	30
MechEng	MachineTools	8.6%	7.1%	11.4%	12.9%	35.7%	24.3%	100%	70
	Motors	11.0%	4.5%	16.2%	7.1%	20.1%	40.9%	100%	154
	ThermProcesses	12.5%	5.0%	15.0%	10.0%	15.0%	42.5%	100%	40
	MechElements	9.3%	4.7%	10.1%	13.2%	27.1%	35.7%	100%	129
	Transportation	7.0%	7.0%	15.1%	15.1%	28.0%	28.0%	100%	186
ConsConst	ConsGoods	6.3%	7.5%	10.0%	21.3%	33.8%	21.3%	100%	80
	ConstrTechn	9.1%	9.1%	13.6%	9.1%	22.7%	36.4%	100%	22
All		12.1%	5.8%	13.1%	12.9%	22.2%	33.9%	100%	3230

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
サプライヤー

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	45	32	47	26	42	86	5	283
	Audiovisual	25	17	23	15	17	64	1	162
	Telecom	40	10	25	17	12	88	3	195
	IT	20	11	15	10	8	99	4	167
	Semiconductors	23	13	15	17	14	58	4	144
Instruments	Optical	28	18	28	15	24	40	4	157
	Analysis/Masurement/ControlTech	38	17	31	26	24	104	6	246
	MedicalTechn	32	11	23	7	8	48	1	130
	NuclearTechn	4	1	1	1	2	3	2	14
Chemistry	OrganicChem	45	11	11	5	7	75	2	156
	Polymers	17	17	20	19	18	36	4	131
	Pharmaceuticals/Cosmetics	22	7	9	8	11	55	6	118
	Biotechnology	29	10	6	5	7	27	5	89
	Agric&Foods	5	2	5	1	4	2	1	20
	PetrolChem/MaterialsChem	6	7	6	10	10	29	3	71
	SurfaceTechn	14	8	13	7	6	12	0	60
	Materials	9	8	14	13	13	40	6	103
ProcEng	ChemEngineering	13	8	9	6	6	28	0	70
	Matprocessing/Textiles/Paper	13	10	12	22	16	53	3	129
	Handl/Printing	15	12	18	24	9	46	3	127
	Agric&FoodProcess-Machines	2	0	1	1	2	2	1	9
	Environment	1	3	6	2	10	8	2	32
MechEng	MachineTools	10	10	7	5	10	27	2	71
	Motors	20	11	14	25	26	57	3	156
	ThermProcesses	4	3	7	5	5	17	1	42
	MechElements	23	10	22	13	23	38	1	130
	Transportation	23	14	33	29	24	62	6	191
ConsConst	ConsGoods	10	3	17	5	9	34	2	80
	ConstrTechn	7	0	0	3	2	9	2	23
Total		543	284	438	342	369	1247	83	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	16.2%	11.5%	16.9%	9.4%	15.1%	30.9%	100%	278
	Audiovisual	15.5%	10.6%	14.3%	9.3%	10.6%	39.8%	100%	161
	Telecom	20.8%	5.2%	13.0%	8.9%	6.3%	45.8%	100%	192
	IT	12.3%	6.7%	9.2%	6.1%	4.9%	60.7%	100%	163
	Semiconductors	16.4%	9.3%	10.7%	12.1%	10.0%	41.4%	100%	140
Instruments	Optical	18.3%	11.8%	18.3%	9.8%	15.7%	26.1%	100%	153
	Analysis/Masurement/ControlTech	15.8%	7.1%	12.9%	10.8%	10.0%	43.3%	100%	240
	MedicalTechn	24.8%	8.5%	17.8%	5.4%	6.2%	37.2%	100%	129
	NuclearTechn	33.3%	8.3%	8.3%	8.3%	16.7%	25.0%	100%	12
Chemistry	OrganicChem	29.2%	7.1%	7.1%	3.2%	4.5%	48.7%	100%	154
	Polymers	13.4%	13.4%	15.7%	15.0%	14.2%	28.3%	100%	127
	Pharmaceuticals/Cosmetics	19.6%	6.3%	8.0%	7.1%	9.8%	49.1%	100%	112
	Biotechnology	34.5%	11.9%	7.1%	6.0%	8.3%	32.1%	100%	84
	Agric&Foods	26.3%	10.5%	26.3%	5.3%	21.1%	10.5%	100%	19
	PetrolChem/MaterialsChem	8.8%	10.3%	8.8%	14.7%	14.7%	42.6%	100%	68
	SurfaceTechn	23.3%	13.3%	21.7%	11.7%	10.0%	20.0%	100%	60
	Materials	9.3%	8.2%	14.4%	13.4%	13.4%	41.2%	100%	97
ProcEng	ChemEngineering	18.6%	11.4%	12.9%	8.6%	8.6%	40.0%	100%	70
	Matprocessing/Textiles/Paper	10.3%	7.9%	9.5%	17.5%	12.7%	42.1%	100%	126
	Handl/Printing	12.1%	9.7%	14.5%	19.4%	7.3%	37.1%	100%	124
	Agric&FoodProcess-Machines	25.0%	0.0%	12.5%	12.5%	25.0%	25.0%	100%	8
	Environment	3.3%	10.0%	20.0%	6.7%	33.3%	26.7%	100%	30
MechEng	MachineTools	14.5%	14.5%	10.1%	7.2%	14.5%	39.1%	100%	69
	Motors	13.1%	7.2%	9.2%	16.3%	17.0%	37.3%	100%	153
	ThermProcesses	9.8%	7.3%	17.1%	12.2%	12.2%	41.5%	100%	41
	MechElements	17.8%	7.8%	17.1%	10.1%	17.8%	29.5%	100%	129
	Transportation	12.4%	7.6%	17.8%	15.7%	13.0%	33.5%	100%	185
ConsConst	ConsGoods	12.8%	3.8%	21.8%	6.4%	11.5%	43.6%	100%	78
	ConstrTechn	33.3%	0.0%	0.0%	14.3%	9.5%	42.9%	100%	21
All		16.8%	8.8%	13.6%	10.6%	11.4%	38.7%	100%	3223

C14 競合企業 発明プロセスにおける知識源としての以下の外部組織の重要性

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	33	36	37	47	60	67	3	283
	Audiovisual	22	11	24	28	31	44	2	162
	Telecom	15	20	35	24	25	73	3	195
	IT	16	9	28	21	19	70	4	167
	Semiconductors	12	8	31	19	25	45	4	144
Instruments	Optical	17	12	39	27	25	32	5	157
	Analysis/Masurement/ControlTech	25	18	38	46	37	75	7	246
	MedicalTechn	25	9	21	11	28	34	2	130
	NuclearTechn	2	1	1	2	2	5	1	14
Chemistry	OrganicChem	21	3	24	22	34	51	1	156
	Polymers	14	9	22	28	21	30	7	131
	Pharmaceuticals/Cosmetics	19	7	11	18	15	45	3	118
	Biotechnology	20	5	5	12	15	26	6	89
	Agric&Foods	1	2	4	1	4	5	3	20
	PetrolChem/MaterialsChem	8	12	12	7	9	21	2	71
	SurfaceTechn	12	3	11	13	7	13	1	60
	Materials	11	8	14	13	16	35	6	103
ProcEng	ChemEngineering	7	7	13	14	8	20	1	70
	Matprocessing/Textiles/Paper	15	6	18	24	15	47	4	129
	Handl/Printing	11	8	16	22	29	38	3	127
	Agric&FoodProcess-Machines	3	0	0	0	1	4	1	9
	Environment	2	4	7	2	7	7	3	32
MechEng	MachineTools	9	5	8	11	11	23	4	71
	Motors	16	8	29	19	33	50	1	156
	ThermProcesses	4	3	7	6	7	13	2	42
	MechElements	11	11	23	22	26	32	5	130
	Transportation	18	9	41	26	43	47	7	191
ConsConst	ConsGoods	7	5	8	17	19	23	1	80
	ConstrTechn	5	0	1	2	5	9	1	23
Total		381	239	528	504	577	984	93	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	11.8%	12.9%	13.2%	16.8%	21.4%	23.9%	100%	280
	Audiovisual	13.8%	6.9%	15.0%	17.5%	19.4%	27.5%	100%	160
	Telecom	7.8%	10.4%	18.2%	12.5%	13.0%	38.0%	100%	192
	IT	9.8%	5.5%	17.2%	12.9%	11.7%	42.9%	100%	163
	Semiconductors	8.6%	5.7%	22.1%	13.6%	17.9%	32.1%	100%	140
Instruments	Optical	11.2%	7.9%	25.7%	17.8%	16.4%	21.1%	100%	152
	Analysis/Masurement/ControlTech	10.5%	7.5%	15.9%	19.2%	15.5%	31.4%	100%	239
	MedicalTechn	19.5%	7.0%	16.4%	8.6%	21.9%	26.6%	100%	128
	NuclearTechn	15.4%	7.7%	7.7%	15.4%	15.4%	38.5%	100%	13
Chemistry	OrganicChem	13.5%	1.9%	15.5%	14.2%	21.9%	32.9%	100%	155
	Polymers	11.3%	7.3%	17.7%	22.6%	16.9%	24.2%	100%	124
	Pharmaceuticals/Cosmetics	16.5%	6.1%	9.6%	15.7%	13.0%	39.1%	100%	115
	Biotechnology	24.1%	6.0%	6.0%	14.5%	18.1%	31.3%	100%	83
	Agric&Foods	5.9%	11.8%	23.5%	5.9%	23.5%	29.4%	100%	17
	PetrolChem/MaterialsChem	11.6%	17.4%	17.4%	10.1%	13.0%	30.4%	100%	69
	SurfaceTechn	20.3%	5.1%	18.6%	22.0%	11.9%	22.0%	100%	59
	Materials	11.3%	8.2%	14.4%	13.4%	16.5%	36.1%	100%	97
ProcEng	ChemEngineering	10.1%	10.1%	18.8%	20.3%	11.6%	29.0%	100%	69
	Matprocessing/Textiles/Paper	12.0%	4.8%	14.4%	19.2%	12.0%	37.6%	100%	125
	Handl/Printing	8.9%	6.5%	12.9%	17.7%	23.4%	30.6%	100%	124
	Agric&FoodProcess-Machines	37.5%	0.0%	0.0%	0.0%	12.5%	50.0%	100%	8
	Environment	6.9%	13.8%	24.1%	6.9%	24.1%	24.1%	100%	29
MechEng	MachineTools	13.4%	7.5%	11.9%	16.4%	16.4%	34.3%	100%	67
	Motors	10.3%	5.2%	18.7%	12.3%	21.3%	32.3%	100%	155
	ThermProcesses	10.0%	7.5%	17.5%	15.0%	17.5%	32.5%	100%	40
	MechElements	8.8%	8.8%	18.4%	17.6%	20.8%	25.6%	100%	125
	Transportation	9.8%	4.9%	22.3%	14.1%	23.4%	25.5%	100%	184
ConsConst	ConsGoods	8.9%	6.3%	10.1%	21.5%	24.1%	29.1%	100%	79
	ConstrTechn	22.7%	0.0%	4.5%	9.1%	22.7%	40.9%	100%	22
All		11.9%	7.4%	16.4%	15.7%	18.0%	30.6%	100%	3213

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
コンサルティング会社・研究開発請負業者

		重要でない					知識源として使わなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	75	24	20	9	6	145	4	283
	Audiovisual	42	8	10	2	6	93	1	162
	Telecom	50	13	12	6	2	108	4	195
	IT	24	7	8	4	3	118	3	167
	Semiconductors	37	6	9	7	3	79	3	144
Instruments	Optical	48	14	9	3	5	73	5	157
	Analysis/Measurement/ControlTech	60	16	17	7	7	130	9	246
	MedicalTechn	45	8	6	4	1	63	3	130
	NuclearTechn	7	0	0	1	0	5	1	14
Chemistry	OrganicChem	35	13	8	11	0	85	4	156
	Polymers	31	18	9	2	1	65	5	131
	Pharmaceuticals/Cosmetics	35	6	5	4	1	61	6	118
	Biotechnology	29	7	9	1	2	35	6	89
	Agric&Foods	7	1	1	0	0	10	1	20
	PetrolChem/MaterialsChem	20	6	3	2	1	37	2	71
	SurfaceTechn	20	5	4	1	1	28	1	60
	Materials	21	10	6	5	1	55	5	103
ProcEng	ChemEngineering	18	8	2	5	1	33	3	70
	Matprocessing/Textiles/Paper	24	9	10	1	1	80	4	129
	Handl/Printing	30	10	5	3	0	75	4	127
	Agric&FoodProcess-Machines	3	0	1	0	1	4	0	9
	Environment	9	2	3	1	1	13	3	32
MechEng	MachineTools	18	4	5	1	1	40	2	71
	Motors	33	10	7	5	2	96	3	156
	ThermProcesses	6	6	3	0	1	25	1	42
	MechElements	33	7	7	4	2	74	3	130
	Transportation	49	12	10	8	4	102	6	191
ConsConst	ConsGoods	14	4	4	2	0	53	3	80
	ConstrTechn	8	0	0	0	1	13	1	23
Total		831	234	193	99	55	1798	96	3,306

		1	2	3	4	5	知識源として使わなかった	Total	N
ElecEng	Electr/Energy	26.9%	8.6%	7.2%	3.2%	2.2%	52.0%	100%	279
	Audiovisual	26.1%	5.0%	6.2%	1.2%	3.7%	57.8%	100%	161
	Telecom	26.2%	6.8%	6.3%	3.1%	1.0%	56.5%	100%	191
	IT	14.6%	4.3%	4.9%	2.4%	1.8%	72.0%	100%	164
	Semiconductors	26.2%	4.3%	6.4%	5.0%	2.1%	56.0%	100%	141
Instruments	Optical	31.6%	9.2%	5.9%	2.0%	3.3%	48.0%	100%	152
	Analysis/Measurement/ControlTech	25.3%	6.8%	7.2%	3.0%	3.0%	54.9%	100%	237
	MedicalTechn	35.4%	6.3%	4.7%	3.1%	0.8%	49.6%	100%	127
	NuclearTechn	53.8%	0.0%	0.0%	7.7%	0.0%	38.5%	100%	13
Chemistry	OrganicChem	23.0%	8.6%	5.3%	7.2%	0.0%	55.9%	100%	152
	Polymers	24.6%	14.3%	7.1%	1.6%	0.8%	51.6%	100%	126
	Pharmaceuticals/Cosmetics	31.3%	5.4%	4.5%	3.6%	0.9%	54.5%	100%	112
	Biotechnology	34.9%	8.4%	10.8%	1.2%	2.4%	42.2%	100%	83
	Agric&Foods	36.8%	5.3%	5.3%	0.0%	0.0%	52.6%	100%	19
	PetrolChem/MaterialsChem	29.0%	8.7%	4.3%	2.9%	1.4%	53.6%	100%	69
	SurfaceTechn	33.9%	8.5%	6.8%	1.7%	1.7%	47.5%	100%	59
	Materials	21.4%	10.2%	6.1%	5.1%	1.0%	56.1%	100%	98
ProcEng	ChemEngineering	26.9%	11.9%	3.0%	7.5%	1.5%	49.3%	100%	67
	Matprocessing/Textiles/Paper	19.2%	7.2%	8.0%	0.8%	0.8%	64.0%	100%	125
	Handl/Printing	24.4%	8.1%	4.1%	2.4%	0.0%	61.0%	100%	123
	Agric&FoodProcess-Machines	33.3%	0.0%	11.1%	0.0%	11.1%	44.4%	100%	9
	Environment	31.0%	6.9%	10.3%	3.4%	3.4%	44.8%	100%	29
MechEng	MachineTools	26.1%	5.8%	7.2%	1.4%	1.4%	58.0%	100%	69
	Motors	21.6%	6.5%	4.6%	3.3%	1.3%	62.7%	100%	153
	ThermProcesses	14.6%	14.6%	7.3%	0.0%	2.4%	61.0%	100%	41
	MechElements	26.0%	5.5%	5.5%	3.1%	1.6%	58.3%	100%	127
	Transportation	26.5%	6.5%	5.4%	4.3%	2.2%	55.1%	100%	185
ConsConst	ConsGoods	18.2%	5.2%	5.2%	2.6%	0.0%	68.8%	100%	77
	ConstrTechn	36.4%	0.0%	0.0%	0.0%	4.5%	59.1%	100%	22
All		25.9%	7.3%	6.0%	3.1%	1.7%	56.0%	100%	3210

C14 発明プロセスにおける知識源としての以下の外部組織の重要性
その他の外部情報源

		重要でない					非常に重要		
		1	2	3	4	5	知識源として使わなかった	無回答	Total
ElecEng	Electr/Energy	28	2	3	4	4	87	155	283
	Audiovisual	8	0	2	1	3	69	79	162
	Telecom	17	3	4	2	5	64	100	195
	IT	8	0	1	3	8	71	76	167
	Semiconductors	10	0	2	2	6	34	90	144
Instruments	Optical	17	0	2	4	1	42	91	157
	Analysis/Measurement/ControlTech	20	2	3	1	4	81	135	246
	MedicalTechn	13	1	3	0	2	33	78	130
	NuclearTechn	0	0	0	0	0	2	12	14
Chemistry	OrganicChem	13	0	1	2	4	51	85	156
	Polymers	7	1	2	1	0	31	89	131
	Pharmaceuticals/Cosmetics	10	1	1	0	5	41	60	118
	Biotechnology	9	0	0	0	0	20	60	89
	Agric&Foods	2	0	1	0	2	3	12	20
	PetrolChem/MaterialsChem	6	1	2	1	0	20	41	71
	SurfaceTechn	5	1	0	0	0	19	35	60
	Materials	6	2	0	2	2	22	69	103
ProcEng	ChemEngineering	7	1	0	1	3	27	31	70
	Matprocessing/Textiles/Paper	4	1	2	2	4	44	72	129
	Handl/Printing	6	0	1	0	1	45	74	127
	Agric&FoodProcess-Machines	1	0	0	0	0	3	5	9
	Environment	0	0	1	0	0	9	22	32
MechEng	MachineTools	7	1	3	0	1	24	35	71
	Motors	13	0	0	5	2	49	87	156
	ThermProcesses	2	0	1	1	1	19	18	42
	MechElements	8	0	2	2	4	49	65	130
	Transportation	14	2	2	1	6	65	101	191
ConsConst	ConsGoods	4	1	1	1	1	34	38	80
	ConstrTechn	0	0	0	0	1	6	16	23
Total		245	20	40	36	70	1064	1831	3,306

		1	2	3	4	5	知識源として使わなかった	All	N
ElecEng	Electr/Energy	21.9%	1.6%	2.3%	3.1%	3.1%	68.0%	Total	128
	Audiovisual	9.6%	0.0%	2.4%	1.2%	3.6%	83.1%	100%	83
	Telecom	17.9%	3.2%	4.2%	2.1%	5.3%	67.4%	100%	95
	IT	8.8%	0.0%	1.1%	3.3%	8.8%	78.0%	100%	91
	Semiconductors	18.5%	0.0%	3.7%	3.7%	11.1%	63.0%	100%	54
Instruments	Optical	25.8%	0.0%	3.0%	6.1%	1.5%	63.6%	100%	66
	Analysis/Measurement/ControlTech	18.0%	1.8%	2.7%	0.9%	3.6%	73.0%	100%	111
	MedicalTechn	25.0%	1.9%	5.8%	0.0%	3.8%	63.5%	100%	52
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	2
Chemistry	OrganicChem	18.3%	0.0%	1.4%	2.8%	5.6%	71.8%	100%	71
	Polymers	16.7%	2.4%	4.8%	2.4%	0.0%	73.8%	100%	42
	Pharmaceuticals/Cosmetics	17.2%	1.7%	1.7%	0.0%	8.6%	70.7%	100%	58
	Biotechnology	31.0%	0.0%	0.0%	0.0%	0.0%	69.0%	100%	29
	Agric&Foods	25.0%	0.0%	12.5%	0.0%	25.0%	37.5%	100%	8
	PetrolChem/MaterialsChem	20.0%	3.3%	6.7%	3.3%	0.0%	66.7%	100%	30
	SurfaceTechn	20.0%	4.0%	0.0%	0.0%	0.0%	76.0%	100%	25
	Materials	17.6%	5.9%	0.0%	5.9%	5.9%	64.7%	100%	34
ProcEng	ChemEngineering	17.9%	2.6%	0.0%	2.6%	7.7%	69.2%	100%	39
	Matprocessing/Textiles/Paper	7.0%	1.8%	3.5%	3.5%	7.0%	77.2%	100%	57
	Handl/Printing	11.3%	0.0%	1.9%	0.0%	1.9%	84.9%	100%	53
	Agric&FoodProcess-Machines	25.0%	0.0%	0.0%	0.0%	0.0%	75.0%	100%	4
	Environment	0.0%	0.0%	10.0%	0.0%	0.0%	90.0%	100%	10
MechEng	MachineTools	19.4%	2.8%	8.3%	0.0%	2.8%	66.7%	100%	36
	Motors	18.8%	0.0%	0.0%	7.2%	2.9%	71.0%	100%	69
	ThermProcesses	8.3%	0.0%	4.2%	4.2%	4.2%	79.2%	100%	24
	MechElements	12.3%	0.0%	3.1%	3.1%	6.2%	75.4%	100%	65
	Transportation	15.6%	2.2%	2.2%	1.1%	6.7%	72.2%	100%	90
ConsConst	ConsGoods	9.5%	2.4%	2.4%	2.4%	2.4%	81.0%	100%	42
	ConstrTechn	0.0%	0.0%	0.0%	0.0%	14.3%	85.7%	100%	7
All		16.6%	1.4%	2.7%	2.4%	4.7%	72.1%	100%	1475

貴方が勤務していた部署・職能の類型

		研究開発	物流	生産	販売・ マーケ	人事	経営陣	その他	無回答	Total
ElecEng	Electr/Energy	249	0	9	4	0	5	10	6	283
	Audiovisual	143	0	6	0	0	2	9	2	162
	Telecom	175	0	0	2	0	5	9	4	195
	IT	133	0	4	5	0	8	14	3	167
	Semiconductors	129	0	4	3	0	1	5	2	144
Instruments	Optical	140	0	2	0	0	3	4	8	157
	Analysis/Measurement/ControlTech	214	0	3	8	0	5	10	6	246
	MedicalTechn	114	1	2	1	0	3	6	3	130
	NuclearTechn	12	0	1	0	0	0	1	0	14
Chemistry	OrganicChem	147	0	2	0	1	1	2	3	156
	Polymers	120	0	3	0	0	0	4	4	131
	Pharmaceuticals/Cosmetics	100	0	2	2	0	3	8	3	118
	Biotechnology	81	0	0	1	0	2	1	4	89
	Agric&Foods	16	0	0	0	0	1	0	3	20
	PetrolChem/MaterialsChem	58	0	4	2	0	3	1	3	71
	SurfaceTechn	54	0	3	1	0	0	2	0	60
	Materials	83	0	9	1	0	1	5	4	103
ProcEng	ChemEngineering	58	0	2	1	0	2	3	4	70
	Matprocessing/Textiles/Paper	106	0	10	0	0	6	3	4	129
	Handl/Printing	104	0	3	1	0	1	10	8	127
	Agric&FoodProcess-Machines	8	0	0	0	0	0	1	0	9
	Environment	21	0	2	1	0	3	5	0	32
MechEng	MachineTools	55	0	8	2	0	3	2	1	71
	Motors	142	0	4	0	0	4	4	2	156
	ThermProcesses	37	0	2	0	0	0	1	2	42
	MechElements	113	0	5	1	0	3	2	6	130
	Transportation	172	0	8	1	0	1	4	5	191
ConsConst	ConsGoods	69	0	2	1	0	4	4	0	80
	ConstrTechn	21	0	0	0	0	0	2	0	23
Total		2,874	1	100	38	1	70	132	90	3,306

		研究開発	物流	生産	販売・ マーケ	人事	経営陣	その他	無回答	N
ElecEng	Electr/Energy	89.9%	0.0%	3.2%	1.4%	0.0%	1.8%	3.6%	100%	277
	Audiovisual	89.4%	0.0%	3.8%	0.0%	0.0%	1.3%	5.6%	100%	160
	Telecom	91.6%	0.0%	0.0%	1.0%	0.0%	2.6%	4.7%	100%	191
	IT	81.1%	0.0%	2.4%	3.0%	0.0%	4.9%	8.5%	100%	164
	Semiconductors	90.8%	0.0%	2.8%	2.1%	0.0%	0.7%	3.5%	100%	142
Instruments	Optical	94.0%	0.0%	1.3%	0.0%	0.0%	2.0%	2.7%	100%	149
	Analysis/Measurement/ControlTech	89.2%	0.0%	1.3%	3.3%	0.0%	2.1%	4.2%	100%	240
	MedicalTechn	89.8%	0.8%	1.6%	0.8%	0.0%	2.4%	4.7%	100%	127
	NuclearTechn	85.7%	0.0%	7.1%	0.0%	0.0%	0.0%	7.1%	100%	14
Chemistry	OrganicChem	96.1%	0.0%	1.3%	0.0%	0.7%	0.7%	1.3%	100%	153
	Polymers	94.5%	0.0%	2.4%	0.0%	0.0%	0.0%	3.1%	100%	127
	Pharmaceuticals/Cosmetics	87.0%	0.0%	1.7%	1.7%	0.0%	2.6%	7.0%	100%	115
	Biotechnology	95.3%	0.0%	0.0%	1.2%	0.0%	2.4%	1.2%	100%	85
	Agric&Foods	94.1%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	100%	17
	PetrolChem/MaterialsChem	85.3%	0.0%	5.9%	2.9%	0.0%	4.4%	1.5%	100%	68
	SurfaceTechn	90.0%	0.0%	5.0%	1.7%	0.0%	0.0%	3.3%	100%	60
	Materials	83.8%	0.0%	9.1%	1.0%	0.0%	1.0%	5.1%	100%	99
ProcEng	ChemEngineering	87.9%	0.0%	3.0%	1.5%	0.0%	3.0%	4.5%	100%	66
	Matprocessing/Textiles/Paper	84.8%	0.0%	8.0%	0.0%	0.0%	4.8%	2.4%	100%	125
	Handl/Printing	87.4%	0.0%	2.5%	0.8%	0.0%	0.8%	8.4%	100%	119
	Agric&FoodProcess-Machines	88.9%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	100%	9
	Environment	65.6%	0.0%	6.3%	3.1%	0.0%	9.4%	15.6%	100%	32
MechEng	MachineTools	78.6%	0.0%	11.4%	2.9%	0.0%	4.3%	2.9%	100%	70
	Motors	92.2%	0.0%	2.6%	0.0%	0.0%	2.6%	2.6%	100%	154
	ThermProcesses	92.5%	0.0%	5.0%	0.0%	0.0%	0.0%	2.5%	100%	40
	MechElements	91.1%	0.0%	4.0%	0.8%	0.0%	2.4%	1.6%	100%	124
	Transportation	92.5%	0.0%	4.3%	0.5%	0.0%	0.5%	2.2%	100%	186
ConsConst	ConsGoods	86.3%	0.0%	2.5%	1.3%	0.0%	5.0%	5.0%	100%	80
	ConstrTechn	91.3%	0.0%	0.0%	0.0%	0.0%	0.0%	8.7%	100%	23
All		89.4%	0.0%	3.1%	1.2%	0.0%	2.2%	4.1%	100%	3216

「当該発明」が生み出された部署・職能の類型

		研究開発	物流	生産	販売・ マーケ	人事	経営陣	その他	無回答	Total
ElecEng	Electr/Energy	227	0	9	3	0	2	9	33	283
	Audiovisual	127	0	5	0	0	1	10	19	162
	Telecom	159	1	2	1	0	3	8	21	195
	IT	122	0	3	5	0	5	12	20	167
	Semiconductors	123	0	6	1	0	1	4	9	144
Instruments	Optical	129	0	4	0	0	0	5	19	157
	Analysis/Measurement/ControlTech	194	0	5	4	0	4	9	30	246
	MedicalTechn	98	0	3	1	0	2	6	20	130
	NuclearTechn	9	0	1	0	0	0	1	3	14
Chemistry	OrganicChem	130	0	1	0	0	1	1	23	156
	Polymers	106	0	2	0	0	0	3	20	131
	Pharmaceuticals/Cosmetics	94	0	1	0	0	1	7	15	118
	Biotechnology	75	0	0	2	0	0	2	10	89
	Agric&Foods	16	0	0	0	0	0	1	3	20
	PetrolChem/MaterialsChem	61	0	3	0	0	0	1	6	71
	SurfaceTechn	49	0	2	1	0	0	2	6	60
	Materials	77	0	5	0	0	0	6	15	103
ProcEng	ChemEngineering	58	0	2	1	0	0	2	7	70
	Matprocessing/Textiles/Paper	94	1	12	2	0	1	3	16	129
	Handl/Printing	98	0	5	0	0	0	9	15	127
	Agric&FoodProcess-Machines	5	0	0	0	0	0	1	3	9
	Environment	19	0	3	1	0	2	2	5	32
MechEng	MachineTools	50	0	9	1	0	0	4	7	71
	Motors	127	1	3	0	0	1	3	21	156
	ThermProcesses	33	0	3	1	0	0	1	4	42
	MechElements	107	0	4	0	0	2	3	14	130
	Transportation	154	0	4	3	0	0	6	24	191
ConsConst	ConsGoods	62	0	1	0	0	2	4	11	80
	ConstrTechn	19	0	0	0	0	0	1	3	23
Total		2,622	3	98	27	0	28	126	402	3,306

		研究開発	物流	生産	販売・ マーケ	人事	経営陣	その他	無回答	Total
ElecEng	Electr/Energy	250	90.8%	0.0%	3.6%	1.2%	0.0%	0.8%	3.6%	100%
	Audiovisual	143	88.8%	0.0%	3.5%	0.0%	0.0%	0.7%	7.0%	100%
	Telecom	174	91.4%	0.6%	1.1%	0.6%	0.0%	1.7%	4.6%	100%
	IT	147	83.0%	0.0%	2.0%	3.4%	0.0%	3.4%	8.2%	100%
	Semiconductors	135	91.1%	0.0%	4.4%	0.7%	0.0%	0.7%	3.0%	100%
Instruments	Optical	138	93.5%	0.0%	2.9%	0.0%	0.0%	0.0%	3.6%	100%
	Analysis/Measurement/ControlTech	216	89.8%	0.0%	2.3%	1.9%	0.0%	1.9%	4.2%	100%
	MedicalTechn	110	89.1%	0.0%	2.7%	0.9%	0.0%	1.8%	5.5%	100%
	NuclearTechn	11	81.8%	0.0%	9.1%	0.0%	0.0%	0.0%	9.1%	100%
Chemistry	OrganicChem	133	97.7%	0.0%	0.8%	0.0%	0.0%	0.8%	0.8%	100%
	Polymers	111	95.5%	0.0%	1.8%	0.0%	0.0%	0.0%	2.7%	100%
	Pharmaceuticals/Cosmetics	103	91.3%	0.0%	1.0%	0.0%	0.0%	1.0%	6.8%	100%
	Biotechnology	79	94.9%	0.0%	0.0%	2.5%	0.0%	0.0%	2.5%	100%
	Agric&Foods	17	94.1%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	100%
	PetrolChem/MaterialsChem	65	93.8%	0.0%	4.6%	0.0%	0.0%	0.0%	1.5%	100%
	SurfaceTechn	54	90.7%	0.0%	3.7%	1.9%	0.0%	0.0%	3.7%	100%
	Materials	88	87.5%	0.0%	5.7%	0.0%	0.0%	0.0%	6.8%	100%
ProcEng	ChemEngineering	63	92.1%	0.0%	3.2%	1.6%	0.0%	0.0%	3.2%	100%
	Matprocessing/Textiles/Paper	113	83.2%	0.9%	10.6%	1.8%	0.0%	0.9%	2.7%	100%
	Handl/Printing	112	87.5%	0.0%	4.5%	0.0%	0.0%	0.0%	8.0%	100%
	Agric&FoodProcess-Machines	6	83.3%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	100%
	Environment	27	70.4%	0.0%	11.1%	3.7%	0.0%	7.4%	7.4%	100%
MechEng	MachineTools	64	78.1%	0.0%	14.1%	1.6%	0.0%	0.0%	6.3%	100%
	Motors	135	94.1%	0.7%	2.2%	0.0%	0.0%	0.7%	2.2%	100%
	ThermProcesses	38	86.8%	0.0%	7.9%	2.6%	0.0%	0.0%	2.6%	100%
	MechElements	116	92.2%	0.0%	3.4%	0.0%	0.0%	1.7%	2.6%	100%
	Transportation	167	92.2%	0.0%	2.4%	1.8%	0.0%	0.0%	3.6%	100%
ConsConst	ConsGoods	69	89.9%	0.0%	1.4%	0.0%	0.0%	2.9%	5.8%	100%
	ConstrTechn	20	95.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.0%	100%
All		2904	90.3%	0.1%	3.4%	0.9%	0.0%	1.0%	4.3%	100%

研究開発

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	16	17	22	68	151	4	5	283
	Audiovisual	11	8	14	46	74	5	4	162
	Telecom	13	10	17	46	98	5	6	195
	IT	13	16	12	39	74	10	3	167
	Semiconductors	7	7	6	26	90	4	4	144
Instruments	Optical	4	5	13	38	88	2	7	157
	Analysis/Measurement/ControlTech	14	15	24	53	128	5	7	246
	MedicalTechn	4	9	19	36	58	3	1	130
	NuclearTechn	2	0	0	5	6	1	0	14
Chemistry	OrganicChem	0	3	14	34	102	2	1	156
	Polymers	1	4	12	31	76	3	4	131
	Pharmaceuticals/Cosmetics	6	4	8	27	66	7	0	118
	Biotechnology	3	5	7	24	46	4	0	89
	Agric&Foods	1	0	2	4	11	1	1	20
	PetrolChem/MaterialsChem	2	2	8	15	43	1	0	71
	SurfaceTechn	2	0	6	23	25	3	1	60
	Materials	2	6	10	33	45	3	4	103
ProcEng	ChemEngineering	3	5	8	19	33	2	0	70
	Matprocessing/Textiles/Paper	6	7	10	31	68	4	3	129
	Handl/Printing	5	4	8	30	72	4	4	127
	Agric&FoodProcess-Machines	1	0	2	5	1	0	0	9
	Environment	1	2	2	10	16	1	0	32
MechEng	MachineTools	3	6	4	22	32	2	2	71
	Motors	8	10	14	32	88	2	2	156
	ThermProcesses	1	1	4	8	22	4	2	42
	MechElements	3	6	10	29	76	5	1	130
	Transportation	2	9	24	40	106	5	5	191
ConsConst	ConsGoods	2	6	12	21	37	1	1	80
	ConstrTechn	0	2	1	3	13	3	1	23
Total		136	169	293	798	1745	96	69	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	5.8%	6.2%	8.0%	24.8%	55.1%	100%	274
	Audiovisual	7.2%	5.2%	9.2%	30.1%	48.4%	100%	153
	Telecom	7.1%	5.4%	9.2%	25.0%	53.3%	100%	184
	IT	8.4%	10.4%	7.8%	25.3%	48.1%	100%	154
	Semiconductors	5.1%	5.1%	4.4%	19.1%	66.2%	100%	136
Instruments	Optical	2.7%	3.4%	8.8%	25.7%	59.5%	100%	148
	Analysis/Measurement/ControlTech	6.0%	6.4%	10.3%	22.6%	54.7%	100%	234
	MedicalTechn	3.2%	7.1%	15.1%	28.6%	46.0%	100%	126
	NuclearTechn	15.4%	0.0%	0.0%	38.5%	46.2%	100%	13
Chemistry	OrganicChem	0.0%	2.0%	9.2%	22.2%	66.7%	100%	153
	Polymers	0.8%	3.2%	9.7%	25.0%	61.3%	100%	124
	Pharmaceuticals/Cosmetics	5.4%	3.6%	7.2%	24.3%	59.5%	100%	111
	Biotechnology	3.5%	5.9%	8.2%	28.2%	54.1%	100%	85
	Agric&Foods	5.6%	0.0%	11.1%	22.2%	61.1%	100%	18
	PetrolChem/MaterialsChem	2.9%	2.9%	11.4%	21.4%	61.4%	100%	70
	SurfaceTechn	3.6%	0.0%	10.7%	41.1%	44.6%	100%	56
	Materials	2.1%	6.3%	10.4%	34.4%	46.9%	100%	96
ProcEng	ChemEngineering	4.4%	7.4%	11.8%	27.9%	48.5%	100%	68
	Matprocessing/Textiles/Paper	4.9%	5.7%	8.2%	25.4%	55.7%	100%	122
	Handl/Printing	4.2%	3.4%	6.7%	25.2%	60.5%	100%	119
	Agric&FoodProcess-Machines	11.1%	0.0%	22.2%	55.6%	11.1%	100%	9
	Environment	3.2%	6.5%	6.5%	32.3%	51.6%	100%	31
MechEng	MachineTools	4.5%	9.0%	6.0%	32.8%	47.8%	100%	67
	Motors	5.3%	6.6%	9.2%	21.1%	57.9%	100%	152
	ThermProcesses	2.8%	2.8%	11.1%	22.2%	61.1%	100%	36
	MechElements	2.4%	4.8%	8.1%	23.4%	61.3%	100%	124
	Transportation	1.1%	5.0%	13.3%	22.1%	58.6%	100%	181
ConsConst	ConsGoods	2.6%	7.7%	15.4%	26.9%	47.4%	100%	78
	ConstrTechn	0.0%	10.5%	5.3%	15.8%	68.4%	100%	19
All		4.3%	5.4%	9.3%	25.4%	55.6%	100%	3141

物流

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	124	32	14	3	2	68	40	283
	Audiovisual	79	17	5	1	0	41	19	162
	Telecom	95	12	5	4	0	49	30	195
	IT	83	8	2	1	2	48	23	167
	Semiconductors	72	9	2	3	2	36	20	144
Instruments	Optical	75	11	2	3	0	41	25	157
	Analysis/Measurement/ControlTech	112	28	10	1	0	63	32	246
	MedicalTechn	52	16	1	2	0	37	22	130
	NuclearTechn	6	1	2	0	0	1	4	14
Chemistry	OrganicChem	79	13	2	2	1	41	18	156
	Polymers	58	13	4	2	0	33	21	131
	Pharmaceuticals/Cosmetics	59	5	0	1	0	40	13	118
	Biotechnology	37	5	1	1	0	32	13	89
	Agric&Foods	10	2	1	0	1	4	2	20
	PetrolChem/MaterialsChem	29	8	3	1	0	20	10	71
	SurfaceTechn	22	9	4	1	0	13	11	60
	Materials	34	5	4	2	0	35	23	103
ProcEng	ChemEngineering	29	9	2	1	0	23	6	70
	Matprocessing/Textiles/Paper	62	13	3	0	1	34	16	129
	Handl/Printing	59	20	3	2	1	27	15	127
	Agric&FoodProcess-Machines	5	0	0	0	0	2	2	9
	Environment	11	9	1	0	0	6	5	32
MechEng	MachineTools	26	9	4	1	0	20	11	71
	Motors	73	20	1	2	0	38	22	156
	ThermProcesses	25	2	2	0	0	8	5	42
	MechElements	56	15	5	3	0	28	23	130
	Transportation	74	23	4	2	0	51	37	191
ConsConst	ConsGoods	30	14	4	1	1	18	12	80
	ConstrTechn	6	2	1	1	0	7	6	23
Total		1482	330	92	41	11	864	486	3,306

		N	全然ない	めったに しかない	月一回	毎週	毎日	All
ElecEng	Electr/Energy	175	70.9%	18.3%	8.0%	1.7%	1.1%	100%
	Audiovisual	102	77.5%	16.7%	4.9%	1.0%	0.0%	100%
	Telecom	116	81.9%	10.3%	4.3%	3.4%	0.0%	100%
	IT	96	86.5%	8.3%	2.1%	1.0%	2.1%	100%
	Semiconductors	88	81.8%	10.2%	2.3%	3.4%	2.3%	100%
Instruments	Optical	91	82.4%	12.1%	2.2%	3.3%	0.0%	100%
	Analysis/Measurement/ControlTech	151	74.2%	18.5%	6.6%	0.7%	0.0%	100%
	MedicalTechn	71	73.2%	22.5%	1.4%	2.8%	0.0%	100%
	NuclearTechn	9	66.7%	11.1%	22.2%	0.0%	0.0%	100%
Chemistry	OrganicChem	97	81.4%	13.4%	2.1%	2.1%	1.0%	100%
	Polymers	77	75.3%	16.9%	5.2%	2.6%	0.0%	100%
	Pharmaceuticals/Cosmetics	65	90.8%	7.7%	0.0%	1.5%	0.0%	100%
	Biotechnology	44	84.1%	11.4%	2.3%	2.3%	0.0%	100%
	Agric&Foods	14	71.4%	14.3%	7.1%	0.0%	7.1%	100%
	PetrolChem/MaterialsChem	41	70.7%	19.5%	7.3%	2.4%	0.0%	100%
	SurfaceTechn	36	61.1%	25.0%	11.1%	2.8%	0.0%	100%
	Materials	45	75.6%	11.1%	8.9%	4.4%	0.0%	100%
ProcEng	ChemEngineering	41	70.7%	22.0%	4.9%	2.4%	0.0%	100%
	Matprocessing/Textiles/Paper	79	78.5%	16.5%	3.8%	0.0%	1.3%	100%
	Handl/Printing	85	69.4%	23.5%	3.5%	2.4%	1.2%	100%
	Agric&FoodProcess-Machines	5	100.0%	0.0%	0.0%	0.0%	0.0%	100%
	Environment	21	52.4%	42.9%	4.8%	0.0%	0.0%	100%
MechEng	MachineTools	40	65.0%	22.5%	10.0%	2.5%	0.0%	100%
	Motors	96	76.0%	20.8%	1.0%	2.1%	0.0%	100%
	ThermProcesses	29	86.2%	6.9%	6.9%	0.0%	0.0%	100%
	MechElements	79	70.9%	19.0%	6.3%	3.8%	0.0%	100%
	Transportation	103	71.8%	22.3%	3.9%	1.9%	0.0%	100%
ConsConst	ConsGoods	50	60.0%	28.0%	8.0%	2.0%	2.0%	100%
	ConstrTechn	10	60.0%	20.0%	10.0%	10.0%	0.0%	100%
All		1956	75.8%	16.9%	4.7%	2.1%	0.6%	100%

生産

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	69	40	43	33	13	51	34	283
	Audiovisual	60	16	20	15	1	33	17	162
	Telecom	76	23	13	5	2	48	28	195
	IT	72	10	8	6	2	47	22	167
	Semiconductors	45	12	21	12	9	27	18	144
Instruments	Optical	36	22	24	19	5	27	24	157
	Analysis/Measurement/ControlTech	84	26	39	20	4	42	31	246
	MedicalTechn	41	9	22	9	2	26	21	130
	NuclearTechn	2	1	3	1	1	1	5	14
Chemistry	OrganicChem	58	17	18	6	4	37	16	156
	Polymers	25	18	33	13	0	22	20	131
	Pharmaceuticals/Cosmetics	37	13	11	4	1	39	13	118
	Biotechnology	24	9	10	4	1	27	14	89
	Agric&Foods	3	2	5	5	1	2	2	20
	PetrolChem/MaterialsChem	15	7	16	10	2	11	10	71
	SurfaceTechn	13	4	16	6	2	10	9	60
ProcEng	Materials	15	7	21	15	7	18	20	103
	ChemEngineering	15	13	13	6	1	16	6	70
	Matprocessing/Textiles/Paper	28	12	22	16	16	20	15	129
	Handl/Printing	30	15	25	20	6	18	13	127
	Agric&FoodProcess-Machines	3	0	1	1	0	2	2	9
MechEng	Environment	3	7	6	6	1	5	4	32
	MachineTools	15	7	20	13	6	4	6	71
	Motors	45	23	22	15	4	25	22	156
	ThermProcesses	13	6	11	1	1	6	4	42
	MechElements	22	16	28	21	6	16	21	130
ConsConst	Transportation	46	16	36	21	4	36	32	191
	ConsGoods	16	12	14	12	4	11	11	80
	ConstrTechn	5	2	4	2	0	5	5	23
Total		916	365	525	317	106	632	445	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	34.8%	20.2%	21.7%	16.7%	6.6%	100%	198
	Audiovisual	53.6%	14.3%	17.9%	13.4%	0.9%	100%	112
	Telecom	63.9%	19.3%	10.9%	4.2%	1.7%	100%	119
	IT	73.5%	10.2%	8.2%	6.1%	2.0%	100%	98
	Semiconductors	45.5%	12.1%	21.2%	12.1%	9.1%	100%	99
Instruments	Optical	34.0%	20.8%	22.6%	17.9%	4.7%	100%	106
	Analysis/Measurement/ControlTech	48.6%	15.0%	22.5%	11.6%	2.3%	100%	173
	MedicalTechn	49.4%	10.8%	26.5%	10.8%	2.4%	100%	83
	NuclearTechn	25.0%	12.5%	37.5%	12.5%	12.5%	100%	8
Chemistry	OrganicChem	56.3%	16.5%	17.5%	5.8%	3.9%	100%	103
	Polymers	28.1%	20.2%	37.1%	14.6%	0.0%	100%	89
	Pharmaceuticals/Cosmetics	56.1%	19.7%	16.7%	6.1%	1.5%	100%	66
	Biotechnology	50.0%	18.8%	20.8%	8.3%	2.1%	100%	48
	Agric&Foods	18.8%	12.5%	31.3%	31.3%	6.3%	100%	16
	PetrolChem/MaterialsChem	30.0%	14.0%	32.0%	20.0%	4.0%	100%	50
	SurfaceTechn	31.7%	9.8%	39.0%	14.6%	4.9%	100%	41
ProcEng	Materials	23.1%	10.8%	32.3%	23.1%	10.8%	100%	65
	ChemEngineering	31.3%	27.1%	27.1%	12.5%	2.1%	100%	48
	Matprocessing/Textiles/Paper	29.8%	12.8%	23.4%	17.0%	17.0%	100%	94
	Handl/Printing	31.3%	15.6%	26.0%	20.8%	6.3%	100%	96
	Agric&FoodProcess-Machines	60.0%	0.0%	20.0%	20.0%	0.0%	100%	5
MechEng	Environment	13.0%	30.4%	26.1%	26.1%	4.3%	100%	23
	MachineTools	24.6%	11.5%	32.8%	21.3%	9.8%	100%	61
	Motors	41.3%	21.1%	20.2%	13.8%	3.7%	100%	109
	ThermProcesses	40.6%	18.8%	34.4%	3.1%	3.1%	100%	32
	MechElements	23.7%	17.2%	30.1%	22.6%	6.5%	100%	93
ConsConst	Transportation	37.4%	13.0%	29.3%	17.1%	3.3%	100%	123
	ConsGoods	27.6%	20.7%	24.1%	20.7%	6.9%	100%	58
	ConstrTechn	38.5%	15.4%	30.8%	15.4%	0.0%	100%	13
All		41.1%	16.4%	23.6%	14.2%	4.8%	100%	2229

販売・マーケティング

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	71	45	43	30	7	51	36	283
	Audiovisual	50	18	28	19	1	28	18	162
	Telecom	69	23	19	13	4	39	28	195
	IT	45	23	31	8	2	38	20	167
	Semiconductors	46	12	20	16	4	26	20	144
Instruments	Optical	37	22	26	17	4	27	24	157
	Analysis/Measurement/ControlTech	62	32	49	25	6	40	32	246
	MedicalTechn	36	11	21	15	3	23	21	130
	NuclearTechn	3	1	3	1	0	1	5	14
Chemistry	OrganicChem	54	25	20	5	1	34	17	156
	Polymers	25	11	38	14	2	22	19	131
	Pharmaceuticals/Cosmetics	37	13	14	5	1	35	13	118
	Biotechnology	25	7	11	3	1	28	14	89
	Agric&Foods	2	3	5	4	1	3	2	20
	PetrolChem/MaterialsChem	12	8	15	12	3	11	10	71
	SurfaceTechn	11	7	13	6	2	11	10	60
ProcEng	Materials	19	11	23	4	1	22	23	103
	ChemEngineering	16	14	9	7	3	15	6	70
	Matprocessing/Textiles/Paper	28	20	25	15	3	23	15	129
	Handl/Printing	33	19	25	20	2	15	13	127
	Agric&FoodProcess-Machines	2	1	1	1	0	2	2	9
MechEng	Environment	6	8	4	3	2	4	5	32
	MachineTools	16	10	13	10	2	11	9	71
	Motors	56	19	17	10	2	29	23	156
	ThermProcesses	11	7	12	1	0	5	6	42
	MechElements	34	19	22	13	3	19	20	130
ConsConst	Transportation	47	24	32	14	2	39	33	191
	ConsGoods	14	12	19	9	4	12	10	80
	ConstrTechn	6	1	5	1	0	6	4	23
Total		873	426	563	301	66	619	458	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	36.2%	23.0%	21.9%	15.3%	3.6%	100%	196
	Audiovisual	43.1%	15.5%	24.1%	16.4%	0.9%	100%	116
	Telecom	53.9%	18.0%	14.8%	10.2%	3.1%	100%	128
	IT	41.3%	21.1%	28.4%	7.3%	1.8%	100%	109
	Semiconductors	46.9%	12.2%	20.4%	16.3%	4.1%	100%	98
Instruments	Optical	34.9%	20.8%	24.5%	16.0%	3.8%	100%	106
	Analysis/Measurement/ControlTech	35.6%	18.4%	28.2%	14.4%	3.4%	100%	174
	MedicalTechn	41.9%	12.8%	24.4%	17.4%	3.5%	100%	86
	NuclearTechn	37.5%	12.5%	37.5%	12.5%	0.0%	100%	8
Chemistry	OrganicChem	51.4%	23.8%	19.0%	4.8%	1.0%	100%	105
	Polymers	27.8%	12.2%	42.2%	15.6%	2.2%	100%	90
	Pharmaceuticals/Cosmetics	52.9%	18.6%	20.0%	7.1%	1.4%	100%	70
	Biotechnology	53.2%	14.9%	23.4%	6.4%	2.1%	100%	47
	Agric&Foods	13.3%	20.0%	33.3%	26.7%	6.7%	100%	15
	PetrolChem/MaterialsChem	24.0%	16.0%	30.0%	24.0%	6.0%	100%	50
	SurfaceTechn	28.2%	17.9%	33.3%	15.4%	5.1%	100%	39
ProcEng	Materials	32.8%	19.0%	39.7%	6.9%	1.7%	100%	58
	ChemEngineering	32.7%	28.6%	18.4%	14.3%	6.1%	100%	49
	Matprocessing/Textiles/Paper	30.8%	22.0%	27.5%	16.5%	3.3%	100%	91
	Handl/Printing	33.3%	19.2%	25.3%	20.2%	2.0%	100%	99
	Agric&FoodProcess-Machines	40.0%	20.0%	20.0%	20.0%	0.0%	100%	5
MechEng	Environment	26.1%	34.8%	17.4%	13.0%	8.7%	100%	23
	MachineTools	31.4%	19.6%	25.5%	19.6%	3.9%	100%	51
	Motors	53.8%	18.3%	16.3%	9.6%	1.9%	100%	104
	ThermProcesses	35.5%	22.6%	38.7%	3.2%	0.0%	100%	31
	MechElements	37.4%	20.9%	24.2%	14.3%	3.3%	100%	91
ConsConst	Transportation	39.5%	20.2%	26.9%	11.8%	1.7%	100%	119
	ConsGoods	24.1%	20.7%	32.8%	15.5%	6.9%	100%	58
	ConstrTechn	46.2%	7.7%	38.5%	7.7%	0.0%	100%	13
All		39.2%	19.1%	25.3%	13.5%	3.0%	100%	2229

人事

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	139	33	3	2	1	63	42	283
	Audiovisual	80	22	2	1	0	37	20	162
	Telecom	100	18	4	1	0	41	31	195
	IT	88	10	1	0	1	44	23	167
	Semiconductors	78	14	0	0	1	29	22	144
Instruments	Optical	82	9	6	1	0	33	26	157
	Analysis/Measurement/ControlTech	123	39	3	0	0	47	34	246
	MedicalTechn	59	16	1	1	0	30	23	130
	NuclearTechn	5	1	1	0	0	1	6	14
Chemistry	OrganicChem	83	16	0	0	0	39	18	156
	Polymers	56	20	1	0	0	33	21	131
	Pharmaceuticals/Cosmetics	57	10	1	1	0	36	13	118
	Biotechnology	38	6	4	0	0	28	13	89
	Agric&Foods	12	3	0	0	0	3	2	20
	PetrolChem/MaterialsChem	33	11	1	1	0	15	10	71
	SurfaceTechn	25	10	0	0	0	13	12	60
	Materials	39	6	2	0	0	32	24	103
ProcEng	ChemEngineering	33	11	0	0	0	20	6	70
	Matprocessing/Textiles/Paper	64	14	4	0	1	29	17	129
	Handl/Printing	68	16	1	1	0	25	16	127
	Agric&FoodProcess-Machines	6	0	0	0	0	0	3	9
	Environment	15	7	0	0	0	5	5	32
MechEng	MachineTools	35	6	1	2	0	16	11	71
	Motors	80	16	1	1	0	36	22	156
	ThermProcesses	29	1	1	0	0	6	5	42
	MechElements	69	12	2	0	1	24	22	130
	Transportation	95	12	1	0	0	47	36	191
ConsConst	ConsGoods	35	14	3	0	1	15	12	80
	ConstrTechn	10	2	0	0	0	6	5	23
Total		1636	355	44	12	6	753	500	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	78.1%	18.5%	1.7%	1.1%	0.6%	100%	178
	Audiovisual	76.2%	21.0%	1.9%	1.0%	0.0%	100%	105
	Telecom	81.3%	14.6%	3.3%	0.8%	0.0%	100%	123
	IT	88.0%	10.0%	1.0%	0.0%	1.0%	100%	100
	Semiconductors	83.9%	15.1%	0.0%	0.0%	1.1%	100%	93
Instruments	Optical	83.7%	9.2%	6.1%	1.0%	0.0%	100%	98
	Analysis/Measurement/ControlTech	74.5%	23.6%	1.8%	0.0%	0.0%	100%	165
	MedicalTechn	76.6%	20.8%	1.3%	1.3%	0.0%	100%	77
	NuclearTechn	71.4%	14.3%	14.3%	0.0%	0.0%	100%	7
Chemistry	OrganicChem	83.8%	16.2%	0.0%	0.0%	0.0%	100%	99
	Polymers	72.7%	26.0%	1.3%	0.0%	0.0%	100%	77
	Pharmaceuticals/Cosmetics	82.6%	14.5%	1.4%	1.4%	0.0%	100%	69
	Biotechnology	79.2%	12.5%	8.3%	0.0%	0.0%	100%	48
	Agric&Foods	80.0%	20.0%	0.0%	0.0%	0.0%	100%	15
	PetrolChem/MaterialsChem	71.7%	23.9%	2.2%	2.2%	0.0%	100%	46
	SurfaceTechn	71.4%	28.6%	0.0%	0.0%	0.0%	100%	35
	Materials	83.0%	12.8%	4.3%	0.0%	0.0%	100%	47
ProcEng	ChemEngineering	75.0%	25.0%	0.0%	0.0%	0.0%	100%	44
	Matprocessing/Textiles/Paper	77.1%	16.9%	4.8%	0.0%	1.2%	100%	83
	Handl/Printing	79.1%	18.6%	1.2%	1.2%	0.0%	100%	86
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	100%	6
	Environment	68.2%	31.8%	0.0%	0.0%	0.0%	100%	22
MechEng	MachineTools	79.5%	13.6%	2.3%	4.5%	0.0%	100%	44
	Motors	81.6%	16.3%	1.0%	1.0%	0.0%	100%	98
	ThermProcesses	93.5%	3.2%	3.2%	0.0%	0.0%	100%	31
	MechElements	82.1%	14.3%	2.4%	0.0%	1.2%	100%	84
	Transportation	88.0%	11.1%	0.9%	0.0%	0.0%	100%	108
ConsConst	ConsGoods	66.0%	26.4%	5.7%	0.0%	1.9%	100%	53
	ConstrTechn	83.3%	16.7%	0.0%	0.0%	0.0%	100%	12
All		79.7%	17.3%	2.1%	0.6%	0.3%	100%	2053

経営陣

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	82	50	54	8	4	47	38	283
	Audiovisual	51	30	22	7	0	32	20	162
	Telecom	66	35	20	6	3	36	29	195
	IT	60	25	23	7	4	30	18	167
	Semiconductors	45	22	28	5	2	24	18	144
Instruments	Optical	47	21	25	9	2	24	29	157
	Analysis/Measurement/ControlTech	74	56	40	13	2	34	27	246
	MedicalTechn	38	25	16	6	1	23	21	130
	NuclearTechn	1	1	5	1	0	1	5	14
Chemistry	OrganicChem	36	38	32	4	1	28	17	156
	Polymers	33	35	19	1	0	21	22	131
	Pharmaceuticals/Cosmetics	26	25	21	3	3	28	12	118
	Biotechnology	17	23	10	3	2	22	12	89
	Agric&Foods	5	6	4	1	0	2	2	20
	PetrolChem/MaterialsChem	20	16	11	6	1	8	9	71
	SurfaceTechn	15	17	12	1	0	6	9	60
ProcEng	Materials	16	25	17	1	0	22	22	103
	ChemEngineering	11	16	17	3	1	16	6	70
	Matprocessing/Textiles/Paper	33	21	36	6	2	16	15	129
	Handl/Printing	45	16	26	4	0	22	14	127
	Agric&FoodProcess-Machines	4	1	0	1	0	1	2	9
MechEng	Environment	8	5	10	2	2	1	4	32
	MachineTools	13	16	18	4	2	10	8	71
	Motors	49	34	21	5	0	26	21	156
	ThermProcesses	16	11	5	1	0	4	5	42
	MechElements	35	24	25	5	1	18	22	130
	Transportation	45	36	40	5	0	32	33	191
ConsConst	ConsGoods	15	19	18	2	1	13	12	80
	ConstrTechn	6	4	4	0	0	5	4	23
Total		912	653	579	120	34	552	456	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	41.4%	25.3%	27.3%	4.0%	2.0%	100%	198
	Audiovisual	46.4%	27.3%	20.0%	6.4%	0.0%	100%	110
	Telecom	50.8%	26.9%	15.4%	4.6%	2.3%	100%	130
	IT	50.4%	21.0%	19.3%	5.9%	3.4%	100%	119
	Semiconductors	44.1%	21.6%	27.5%	4.9%	2.0%	100%	102
Instruments	Optical	45.2%	20.2%	24.0%	8.7%	1.9%	100%	104
	Analysis/Measurement/ControlTech	40.0%	30.3%	21.6%	7.0%	1.1%	100%	185
	MedicalTechn	44.2%	29.1%	18.6%	7.0%	1.2%	100%	86
	NuclearTechn	12.5%	12.5%	62.5%	12.5%	0.0%	100%	8
Chemistry	OrganicChem	32.4%	34.2%	28.8%	3.6%	0.9%	100%	111
	Polymers	37.5%	39.8%	21.6%	1.1%	0.0%	100%	88
	Pharmaceuticals/Cosmetics	33.3%	32.1%	26.9%	3.8%	3.8%	100%	78
	Biotechnology	30.9%	41.8%	18.2%	5.5%	3.6%	100%	55
	Agric&Foods	31.3%	37.5%	25.0%	6.3%	0.0%	100%	16
	PetrolChem/MaterialsChem	37.0%	29.6%	20.4%	11.1%	1.9%	100%	54
	SurfaceTechn	33.3%	37.8%	26.7%	2.2%	0.0%	100%	45
	Materials	27.1%	42.4%	28.8%	1.7%	0.0%	100%	59
ProcEng	ChemEngineering	22.9%	33.3%	35.4%	6.3%	2.1%	100%	48
	Matprocessing/Textiles/Paper	33.7%	21.4%	36.7%	6.1%	2.0%	100%	98
	Handl/Printing	49.5%	17.6%	28.6%	4.4%	0.0%	100%	91
	Agric&FoodProcess-Machines	66.7%	16.7%	0.0%	16.7%	0.0%	100%	6
	Environment	29.6%	18.5%	37.0%	7.4%	7.4%	100%	27
MechEng	MachineTools	24.5%	30.2%	34.0%	7.5%	3.8%	100%	53
	Motors	45.0%	31.2%	19.3%	4.6%	0.0%	100%	109
	ThermProcesses	48.5%	33.3%	15.2%	3.0%	0.0%	100%	33
	MechElements	38.9%	26.7%	27.8%	5.6%	1.1%	100%	90
ConsConst	Transportation	35.7%	28.6%	31.7%	4.0%	0.0%	100%	126
	ConsGoods	27.3%	34.5%	32.7%	3.6%	1.8%	100%	55
ConsConst	ConstrTechn	42.9%	28.6%	28.6%	0.0%	0.0%	100%	14
All		39.7%	28.4%	25.2%	5.2%	1.5%	100%	2298

その他

		全然ない	めったに しかない	月一回	毎週	毎日	該当せず	無回答	Total
ElecEng	Electr/Energy	33	2	2	1	1	49	195	283
	Audiovisual	22	2	2	1	2	30	103	162
	Telecom	33	1	2	2	0	34	123	195
	IT	39	0	2	1	2	27	96	167
	Semiconductors	24	1	2	1	0	13	103	144
Instruments	Optical	20	0	4	0	0	18	115	157
	Analysis/Measurement/ControlTech	35	1	4	3	0	30	173	246
	MedicalTechn	18	2	0	0	0	23	87	130
	NuclearTechn	1	0	0	0	0	1	12	14
Chemistry	OrganicChem	24	0	0	0	0	30	102	156
	Polymers	9	0	0	0	1	15	106	131
	Pharmaceuticals/Cosmetics	12	0	0	3	0	19	84	118
	Biotechnology	6	0	1	0	0	20	62	89
	Agric&Foods	1	0	0	0	0	3	16	20
	PetrolChem/MaterialsChem	6	1	0	0	0	11	53	71
	SurfaceTechn	9	0	0	0	0	8	43	60
ProcEng	Materials	7	1	0	2	0	13	80	103
	ChemEngineering	7	1	0	1	0	15	46	70
	Matprocessing/Textiles/Paper	17	1	1	0	1	17	92	129
	Handl/Printing	16	0	2	0	0	20	89	127
	Agric&FoodProcess-Machines	4	0	0	0	0	0	5	9
MechEng	Environment	2	0	0	0	0	1	29	32
	MachineTools	6	0	1	0	2	15	47	71
	Motors	21	1	0	1	1	27	105	156
	ThermProcesses	7	0	0	0	0	6	29	42
	MechElements	18	0	1	0	0	21	90	130
ConsConst	Transportation	21	3	1	0	2	33	131	191
	ConsGoods	7	1	1	0	1	14	56	80
	ConstrTechn	2	0	0	0	0	4	17	23
Total		427	18	26	16	13	517	2289	3,306

		全然ない	めったに しかない	月一回	毎週	毎日	Total	N
ElecEng	Electr/Energy	84.6%	5.1%	5.1%	2.6%	2.6%	100%	39
	Audiovisual	75.9%	6.9%	6.9%	3.4%	6.9%	100%	29
	Telecom	86.8%	2.6%	5.3%	5.3%	0.0%	100%	38
	IT	88.6%	0.0%	4.5%	2.3%	4.5%	100%	44
	Semiconductors	85.7%	3.6%	7.1%	3.6%	0.0%	100%	28
Instruments	Optical	83.3%	0.0%	16.7%	0.0%	0.0%	100%	24
	Analysis/Measurement/ControlTech	81.4%	2.3%	9.3%	7.0%	0.0%	100%	43
	MedicalTechn	90.0%	10.0%	0.0%	0.0%	0.0%	100%	20
	NuclearTechn	100.0%	0.0%	0.0%	0.0%	0.0%	100%	1
Chemistry	OrganicChem	100.0%	0.0%	0.0%	0.0%	0.0%	100%	24
	Polymers	90.0%	0.0%	0.0%	0.0%	10.0%	100%	10
	Pharmaceuticals/Cosmetics	80.0%	0.0%	0.0%	20.0%	0.0%	100%	15
	Biotechnology	85.7%	0.0%	14.3%	0.0%	0.0%	100%	7
	Agric&Foods	100.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	PetrolChem/MaterialsChem	85.7%	14.3%	0.0%	0.0%	0.0%	100%	7
	SurfaceTechn	100.0%	0.0%	0.0%	0.0%	0.0%	100%	9
ProcEng	Materials	70.0%	10.0%	0.0%	20.0%	0.0%	100%	10
	ChemEngineering	77.8%	11.1%	0.0%	11.1%	0.0%	100%	9
	Matprocessing/Textiles/Paper	85.0%	5.0%	5.0%	0.0%	5.0%	100%	20
	Handl/Printing	88.9%	0.0%	11.1%	0.0%	0.0%	100%	18
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	100%	4
MechEng	Environment	100.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	MachineTools	66.7%	0.0%	11.1%	0.0%	22.2%	100%	9
	Motors	87.5%	4.2%	0.0%	4.2%	4.2%	100%	24
	ThermProcesses	100.0%	0.0%	0.0%	0.0%	0.0%	100%	7
	MechElements	94.7%	0.0%	5.3%	0.0%	0.0%	100%	19
ConsConst	Transportation	77.8%	11.1%	3.7%	0.0%	7.4%	100%	27
	ConsGoods	70.0%	10.0%	10.0%	0.0%	10.0%	100%	10
	ConstrTechn	100.0%	0.0%	0.0%	0.0%	0.0%	100%	2
All		85.4%	3.6%	5.2%	3.2%	2.6%	100%	500

		同一都市・地域	同一国	外国	競合相手はいなかった	分からない	無回答	Total
ElecEng	Electr/Energy	6	167	73	16	18	3	283
	Audiovisual	10	76	47	7	19	3	162
	Telecom	23	79	55	10	25	3	195
	IT	8	48	66	20	24	1	167
	Semiconductors	2	67	54	9	11	1	144
Instruments	Optical	4	98	38	5	8	4	157
	Analysis/Measurement/ControlTech	9	100	87	19	26	5	246
	MedicalTechn	4	49	55	14	7	1	130
	NuclearTechn	0	4	7	3	0	0	14
Chemistry	OrganicChem	5	37	81	12	20	1	156
	Polymers	1	75	34	5	14	2	131
	Pharmaceuticals/Cosmetics	5	32	46	15	20	0	118
	Biotechnology	2	24	45	7	11	0	89
	Agric&Foods	1	9	3	4	2	1	20
	PetrolChem/MaterialsChem	1	35	22	7	6	0	71
	SurfaceTechn	2	28	19	3	8	0	60
	Materials	4	47	29	13	9	1	103
ProcEng	ChemEngineering	2	32	24	7	5	0	70
	Matprocessing/Textiles/Paper	6	54	42	13	14	0	129
	Handl/Printing	9	65	29	10	11	3	127
	Agric&FoodProcess-Machines	0	4	2	2	1	0	9
	Environment	2	21	7	1	1	0	32
MechEng	MachineTools	1	32	25	5	8	0	71
	Motors	4	71	59	8	14	0	156
	ThermProcesses	2	23	9	2	6	0	42
	MechElements	6	62	40	10	11	1	130
	Transportation	7	106	55	5	15	3	191
ConsConst	ConsGoods	3	34	27	7	8	1	80
	ConstrTechn	1	15	5	0	1	1	23
Total		130	1,494	1,085	239	323	35	3,306

		同一都市・地域	同一国	外国	競合相手はいなかった	Total	N
ElecEng	Electr/Energy	2.3%	63.7%	27.9%	6.1%	100%	262
	Audiovisual	7.1%	54.3%	33.6%	5.0%	100%	140
	Telecom	13.8%	47.3%	32.9%	6.0%	100%	167
	IT	5.6%	33.8%	46.5%	14.1%	100%	142
	Semiconductors	1.5%	50.8%	40.9%	6.8%	100%	132
Instruments	Optical	2.8%	67.6%	26.2%	3.4%	100%	145
	Analysis/Measurement/ControlTech	4.2%	46.5%	40.5%	8.8%	100%	215
	MedicalTechn	3.3%	40.2%	45.1%	11.5%	100%	122
	NuclearTechn	0.0%	28.6%	50.0%	21.4%	100%	14
Chemistry	OrganicChem	3.7%	27.4%	60.0%	8.9%	100%	135
	Polymers	0.9%	65.2%	29.6%	4.3%	100%	115
	Pharmaceuticals/Cosmetics	5.1%	32.7%	46.9%	15.3%	100%	98
	Biotechnology	2.6%	30.8%	57.7%	9.0%	100%	78
	Agric&Foods	5.9%	52.9%	17.6%	23.5%	100%	17
	PetrolChem/MaterialsChem	1.5%	53.8%	33.8%	10.8%	100%	65
	SurfaceTechn	3.8%	53.8%	36.5%	5.8%	100%	52
	Materials	4.3%	50.5%	31.2%	14.0%	100%	93
ProcEng	ChemEngineering	3.1%	49.2%	36.9%	10.8%	100%	65
	Matprocessing/Textiles/Paper	5.2%	47.0%	36.5%	11.3%	100%	115
	Handl/Printing	8.0%	57.5%	25.7%	8.8%	100%	113
	Agric&FoodProcess-Machines	0.0%	50.0%	25.0%	25.0%	100%	8
	Environment	6.5%	67.7%	22.6%	3.2%	100%	31
MechEng	MachineTools	1.6%	50.8%	39.7%	7.9%	100%	63
	Motors	2.8%	50.0%	41.5%	5.6%	100%	142
	ThermProcesses	5.6%	63.9%	25.0%	5.6%	100%	36
	MechElements	5.1%	52.5%	33.9%	8.5%	100%	118
	Transportation	4.0%	61.3%	31.8%	2.9%	100%	173
ConsConst	ConsGoods	4.2%	47.9%	38.0%	9.9%	100%	71
	ConstrTechn	4.8%	71.4%	23.8%	0.0%	100%	21
All		4.4%	50.7%	36.8%	8.1%	100%	2948

		はい、一組の競合相手だけ	はい、数組の競合相手	競合相手はいないと認識していた	分からない	Total
ElecEng	Electr/Energy	18	202	23	40	283
	Audiovisual	8	102	17	35	162
	Telecom	8	125	21	41	195
	IT	10	94	28	35	167
	Semiconductors	11	102	13	18	144
Instruments	Optical	17	105	12	23	157
	Analysis/Masurement/ControlTech	17	141	33	55	246
	MedicalTechn	12	77	19	22	130
	NuclearTechn	1	8	4	1	14
Chemistry	OrganicChem	9	93	23	31	156
	Polymers	12	84	15	20	131
	Pharmaceuticals/Cosmetics	7	54	30	27	118
	Biotechnology	8	55	13	13	89
	Agric&Foods	2	11	5	2	20
	PetrolChem/MaterialsChem	2	47	12	10	71
	SurfaceTechn	5	41	8	6	60
	Materials	8	61	21	13	103
ProcEng	ChemEngineering	4	48	9	9	70
	Matprocessing/Textiles/Paper	7	79	21	22	129
	Handl/Printing	10	86	12	19	127
	Agric&FoodProcess-Machines	0	4	4	1	9
	Environment	0	24	2	6	32
MechEng	MachineTools	5	34	16	16	71
	Motors	10	96	16	34	156
	ThermProcesses	4	25	4	9	42
	MechElements	14	84	11	21	130
	Transportation	11	140	14	26	191
ConsConst	ConsGoods	5	50	16	9	80
	ConstrTechn	2	18	2	1	23
Total		227	2090	424	565	3,306

		はい、一組の競合相手だけ	はい、数組の競合相手	競合相手はいないと認識していた	Total	N
ElecEng	Electr/Energy	7.4%	83.1%	9.5%	100%	243
	Audiovisual	6.3%	80.3%	13.4%	100%	127
	Telecom	5.2%	81.2%	13.6%	100%	154
	IT	7.6%	71.2%	21.2%	100%	132
	Semiconductors	8.7%	81.0%	10.3%	100%	126
Instruments	Optical	12.7%	78.4%	9.0%	100%	134
	Analysis/Masurement/ControlTech	8.9%	73.8%	17.3%	100%	191
	MedicalTechn	11.1%	71.3%	17.6%	100%	108
	NuclearTechn	7.7%	61.5%	30.8%	100%	13
Chemistry	OrganicChem	7.2%	74.4%	18.4%	100%	125
	Polymers	10.8%	75.7%	13.5%	100%	111
	Pharmaceuticals/Cosmetics	7.7%	59.3%	33.0%	100%	91
	Biotechnology	10.5%	72.4%	17.1%	100%	76
	Agric&Foods	11.1%	61.1%	27.8%	100%	18
	PetrolChem/MaterialsChem	3.3%	77.0%	19.7%	100%	61
	SurfaceTechn	9.3%	75.9%	14.8%	100%	54
	Materials	8.9%	67.8%	23.3%	100%	90
ProcEng	ChemEngineering	6.6%	78.7%	14.8%	100%	61
	Matprocessing/Textiles/Paper	6.5%	73.8%	19.6%	100%	107
	Handl/Printing	9.3%	79.6%	11.1%	100%	108
	Agric&FoodProcess-Machines	0.0%	50.0%	50.0%	100%	8
	Environment	0.0%	92.3%	7.7%	100%	26
MechEng	MachineTools	9.1%	61.8%	29.1%	100%	55
	Motors	8.2%	78.7%	13.1%	100%	122
	ThermProcesses	12.1%	75.8%	12.1%	100%	33
	MechElements	12.8%	77.1%	10.1%	100%	109
	Transportation	6.7%	84.8%	8.5%	100%	165
ConsConst	ConsGoods	7.0%	70.4%	22.5%	100%	71
	ConstrTechn	9.1%	81.8%	9.1%	100%	22
All		8.3%	76.2%	15.5%	100%	2741

C20 (C19で「はい」を選択した回答者のみ)
競合相手との競争の激しさ

		全く激しく競争しなかった			非常に激しく競争した				
		1	2	3	4	5	分からない	無回答	Total
ElecEng	Electr/Energy	53	25	42	26	17	55	2	220
	Audiovisual	19	14	21	14	16	23	3	110
	Telecom	34	16	27	11	7	36	2	133
	IT	28	8	13	10	5	38	2	104
	Semiconductors	15	12	21	19	20	24	2	113
Instruments	Optical	17	22	18	17	15	32	1	122
	Analysis/Measurement/ControlTech	32	24	30	25	6	38	3	158
	MedicalTechn	24	11	14	6	9	23	2	89
	NuclearTechn	0	2	3	1	2	1	0	9
Chemistry	OrganicChem	11	8	24	20	12	26	1	102
	Polymers	9	12	24	11	10	27	3	96
	Pharmaceuticals/Cosmetics	9	7	14	4	4	21	2	61
	Biotechnology	11	8	13	12	9	10	0	63
	Agric&Foods	3	2	4	2	0	2	0	13
	PetrolChem/MaterialsChem	10	9	9	6	7	8	0	49
	SurfaceTechn	10	9	6	6	4	10	1	46
	Materials	13	5	18	9	8	15	1	69
ProcEng	ChemEngineering	8	6	13	3	5	17	0	52
	Matprocessing/Textiles/Paper	18	7	16	15	8	22	0	86
	Handl/Printing	17	11	15	9	10	33	1	96
	Agric&FoodProcess-Machines	0	0	0	1	0	3	0	4
	Environment	3	5	5	1	2	8	0	24
MechEng	MachineTools	10	4	8	4	7	6	0	39
	Motors	19	11	9	15	12	40	0	106
	ThermProcesses	3	5	5	4	3	9	0	29
	MechElements	17	15	17	10	11	28	0	98
	Transportation	27	25	29	18	16	35	1	151
ConsConst	ConsGoods	16	10	9	2	5	12	1	55
	ConstrTechn	5	2	2	2	2	7	0	20
Total		441	295	429	283	232	609	28	2,317

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	32.5%	15.3%	25.8%	16.0%	10.4%	100%	163
	Audiovisual	22.6%	16.7%	25.0%	16.7%	19.0%	100%	84
	Telecom	35.8%	16.8%	28.4%	11.6%	7.4%	100%	95
	IT	43.8%	12.5%	20.3%	15.6%	7.8%	100%	64
	Semiconductors	17.2%	13.8%	24.1%	21.8%	23.0%	100%	87
Instruments	Optical	19.1%	24.7%	20.2%	19.1%	16.9%	100%	89
	Analysis/Measurement/ControlTech	27.4%	20.5%	25.6%	21.4%	5.1%	100%	117
	MedicalTechn	37.5%	17.2%	21.9%	9.4%	14.1%	100%	64
	NuclearTechn	0.0%	25.0%	37.5%	12.5%	25.0%	100%	8
Chemistry	OrganicChem	14.7%	10.7%	32.0%	26.7%	16.0%	100%	75
	Polymers	13.6%	18.2%	36.4%	16.7%	15.2%	100%	66
	Pharmaceuticals/Cosmetics	23.7%	18.4%	36.8%	10.5%	10.5%	100%	38
	Biotechnology	20.8%	15.1%	24.5%	22.6%	17.0%	100%	53
	Agric&Foods	27.3%	18.2%	36.4%	18.2%	0.0%	100%	11
	PetrolChem/MaterialsChem	24.4%	22.0%	22.0%	14.6%	17.1%	100%	41
	SurfaceTechn	28.6%	25.7%	17.1%	17.1%	11.4%	100%	35
	Materials	24.5%	9.4%	34.0%	17.0%	15.1%	100%	53
ProcEng	ChemEngineering	22.9%	17.1%	37.1%	8.6%	14.3%	100%	35
	Matprocessing/Textiles/Paper	28.1%	10.9%	25.0%	23.4%	12.5%	100%	64
	Handl/Printing	27.4%	17.7%	24.2%	14.5%	16.1%	100%	62
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	100.0%	0.0%	100%	1
	Environment	18.8%	31.3%	31.3%	6.3%	12.5%	100%	16
MechEng	MachineTools	30.3%	12.1%	24.2%	12.1%	21.2%	100%	33
	Motors	28.8%	16.7%	13.6%	22.7%	18.2%	100%	66
	ThermProcesses	15.0%	25.0%	25.0%	20.0%	15.0%	100%	20
	MechElements	24.3%	21.4%	24.3%	14.3%	15.7%	100%	70
	Transportation	23.5%	21.7%	25.2%	15.7%	13.9%	100%	115
ConsConst	ConsGoods	38.1%	23.8%	21.4%	4.8%	11.9%	100%	42
	ConstrTechn	38.5%	15.4%	15.4%	15.4%	15.4%	100%	13
All		26.3%	17.6%	25.5%	16.8%	13.8%	100%	1680

		はい、特 許取得を あきらめ かけた	はい、発 明活動の スピード を低下	はい、発 明活動の スピード を加速	影響され なかった	はい、他 者との協 力関係に 入った	その他	分からな い	無回答	Total
ElecEng	Electr/Energy	1	2	82	106	0	2	25	2	220
	Audiovisual	1	1	42	50	2	1	12	1	110
	Telecom	7	3	45	62	0	1	14	1	133
	IT	3	4	31	48	1	0	17	0	104
	Semiconductors	2	2	60	38	1	0	10	0	113
Instruments	Optical	4	0	52	47	0	1	18	0	122
	Analysis/Masurement/ControlTech	1	1	63	64	0	2	24	3	158
	MedicalTechn	0	3	32	42	0	2	8	2	89
	NuclearTechn	0	0	6	3	0	0	0	0	9
Chemistry	OrganicChem	1	0	54	39	2	0	6	0	102
	Polymers	1	1	41	43	0	2	6	2	96
	Pharmaceuticals/Cosmetics	2	0	25	25	0	1	7	1	61
	Biotechnology	0	0	29	28	1	2	3	0	63
	Agric&Foods	0	0	6	4	0	0	3	0	13
	PetrolChem/MaterialsChem	0	2	18	23	0	1	5	0	49
	SurfaceTechn	0	2	16	22	2	0	4	0	46
	Materials	3	2	29	26	0	1	8	0	69
ProcEng	ChemEngineering	0	0	28	20	0	0	4	0	52
	Matprocessing/Textiles/Paper	0	1	31	39	0	0	15	0	86
	Handl/Printing	1	1	34	45	0	0	14	1	96
	Agric&FoodProcess-Machines	0	0	1	1	0	0	2	0	4
	Environment	1	0	10	11	0	1	1	0	24
MechEng	MachineTools	2	1	9	19	0	2	6	0	39
	Motors	1	0	34	52	0	2	16	1	106
	ThermProcesses	1	0	10	13	0	0	5	0	29
	MechElements	2	2	35	44	1	0	14	0	98
	Transportation	0	2	59	62	1	1	25	1	151
ConsConst	ConsGoods	0	0	14	32	1	0	7	1	55
	ConstrTechn	1	0	8	7	1	0	3	0	20
Total		35	30	904	1,015	13	22	282	16	2,317

		はい、特 許取得を あきらめ かけた	はい、発 明活動の スピード を低下	はい、発 明活動の スピード を加速	影響され なかった	はい、他 者との協 力関係に 入った	その他	Total	N
ElecEng	Electr/Energy	0.5%	1.0%	42.5%	54.9%	0.0%	1.0%	100%	193
	Audiovisual	1.0%	1.0%	43.3%	51.5%	2.1%	1.0%	100%	97
	Telecom	5.9%	2.5%	38.1%	52.5%	0.0%	0.8%	100%	118
	IT	3.4%	4.6%	35.6%	55.2%	1.1%	0.0%	100%	87
	Semiconductors	1.9%	1.9%	58.3%	36.9%	1.0%	0.0%	100%	103
Instruments	Optical	3.8%	0.0%	50.0%	45.2%	0.0%	1.0%	100%	104
	Analysis/Masurement/ControlTech	0.8%	0.8%	48.1%	48.9%	0.0%	1.5%	100%	131
	MedicalTechn	0.0%	3.8%	40.5%	53.2%	0.0%	2.5%	100%	79
	NuclearTechn	0.0%	0.0%	66.7%	33.3%	0.0%	0.0%	100%	9
Chemistry	OrganicChem	1.0%	0.0%	56.3%	40.6%	2.1%	0.0%	100%	96
	Polymers	1.1%	1.1%	46.6%	48.9%	0.0%	2.3%	100%	88
	Pharmaceuticals/Cosmetics	3.8%	0.0%	47.2%	47.2%	0.0%	1.9%	100%	53
	Biotechnology	0.0%	0.0%	48.3%	46.7%	1.7%	3.3%	100%	60
	Agric&Foods	0.0%	0.0%	60.0%	40.0%	0.0%	0.0%	100%	10
	PetrolChem/MaterialsChem	0.0%	4.5%	40.9%	52.3%	0.0%	2.3%	100%	44
	SurfaceTechn	0.0%	4.8%	38.1%	52.4%	4.8%	0.0%	100%	42
	Materials	4.9%	3.3%	47.5%	42.6%	0.0%	1.6%	100%	61
ProcEng	ChemEngineering	0.0%	0.0%	58.3%	41.7%	0.0%	0.0%	100%	48
	Matprocessing/Textiles/Paper	0.0%	1.4%	43.7%	54.9%	0.0%	0.0%	100%	71
	Handl/Printing	1.2%	1.2%	42.0%	55.6%	0.0%	0.0%	100%	81
	Agric&FoodProcess-Machines	0.0%	0.0%	50.0%	50.0%	0.0%	0.0%	100%	2
	Environment	4.3%	0.0%	43.5%	47.8%	0.0%	4.3%	100%	23
MechEng	MachineTools	6.1%	3.0%	27.3%	57.6%	0.0%	6.1%	100%	33
	Motors	1.1%	0.0%	38.2%	58.4%	0.0%	2.2%	100%	89
	ThermProcesses	4.2%	0.0%	41.7%	54.2%	0.0%	0.0%	100%	24
	MechElements	2.4%	2.4%	41.7%	52.4%	1.2%	0.0%	100%	84
	Transportation	0.0%	1.6%	47.2%	49.6%	0.8%	0.8%	100%	125
ConsConst	ConsGoods	0.0%	0.0%	29.8%	68.1%	2.1%	0.0%	100%	47
	ConstrTechn	5.9%	0.0%	47.1%	41.2%	5.9%	0.0%	100%	17
All		1.7%	1.5%	44.8%	50.3%	0.6%	1.1%	100%	2019

C22 (C19で「はい」を選択した回答者のみ)
競合相手が活動していた業界・地域

[multiple choice]

		同じ業界	別の業界	分からない	無回答	N
ElecEng	Electr/Energy	164	17	10	37	220
	Audiovisual	82	6	7	19	110
	Telecom	92	7	7	30	133
	IT	70	13	10	17	104
	Semiconductors	83	11	4	17	113
Instruments	Optical	85	8	6	24	122
	Analysis/Measurement/ControlTech	102	16	11	32	158
	MedicalTechn	57	4	9	20	89
	NuclearTechn	5	2	0	2	9
Chemistry	OrganicChem	80	2	3	17	102
	Polymers	72	7	3	16	96
	Pharmaceuticals/Cosmetics	42	5	6	9	61
	Biotechnology	45	5	2	12	63
	Agric&Foods	10	0	3	0	13
	PetrolChem/MaterialsChem	40	5	1	6	49
	SurfaceTechn	35	4	3	7	46
	Materials	42	6	6	16	69
ProcEng	ChemEngineering	38	5	1	10	52
	Matprocessing/Textiles/Paper	62	7	6	12	86
	Handl/Printing	68	8	5	19	96
	Agric&FoodProcess-Machines	0	0	1	3	4
	Environment	16	3	1	5	24
MechEng	MachineTools	29	3	2	6	39
	Motors	78	3	8	18	106
	ThermProcesses	27	0	0	2	29
	MechElements	73	6	4	16	98
	Transportation	121	7	7	19	151
ConsConst	ConsGoods	44	3	3	6	55
	ConstrTechn	16	0	0	4	20
Total		1678	163	129	401	2317

		同じ業界	別の業界	N
ElecEng	Electr/Energy	94.8%	9.8%	173
	Audiovisual	97.6%	7.1%	84
	Telecom	95.8%	7.3%	96
	IT	90.9%	16.9%	77
	Semiconductors	90.2%	12.0%	92
Instruments	Optical	92.4%	8.7%	92
	Analysis/Measurement/ControlTech	88.7%	13.9%	115
	MedicalTechn	95.0%	6.7%	60
	NuclearTechn	71.4%	28.6%	7
Chemistry	OrganicChem	97.6%	2.4%	82
	Polymers	93.5%	9.1%	77
	Pharmaceuticals/Cosmetics	91.3%	10.9%	46
	Biotechnology	91.8%	10.2%	49
	Agric&Foods	100.0%	0.0%	10
	PetrolChem/MaterialsChem	95.2%	11.9%	42
	SurfaceTechn	97.2%	11.1%	36
	Materials	89.4%	12.8%	47
ProcEng	ChemEngineering	92.7%	12.2%	41
	Matprocessing/Textiles/Paper	91.2%	10.3%	68
	Handl/Printing	94.4%	11.1%	72
	Agric&FoodProcess-Machines	-	-	0
	Environment	88.9%	16.7%	18
MechEng	MachineTools	93.5%	9.7%	31
	Motors	97.5%	3.8%	80
	ThermProcesses	100.0%	0.0%	27
	MechElements	93.6%	7.7%	78
	Transportation	96.8%	5.6%	125
ConsConst	ConsGoods	95.7%	6.5%	46
	ConstrTechn	100.0%	0.0%	16
All		93.9%	9.1%	1787

C22 (C19で「はい」を選択した回答者のみ)
競合相手が活動していた業界・地域

[multiple choice]

		日本	外国	分からない	無回答	N
ElecEng	Electr/Energy	142	90	11	27	220
	Audiovisual	76	54	8	8	110
	Telecom	84	60	9	20	133
	IT	57	58	13	8	104
	Semiconductors	68	61	6	7	113
Instruments	Optical	86	47	6	14	122
	Analysis/Measurement/ControlTech	87	73	14	23	158
	MedicalTechn	43	42	10	12	89
	NuclearTechn	3	7	0	1	9
Chemistry	OrganicChem	49	74	4	8	102
	Polymers	63	38	3	17	96
	Pharmaceuticals/Cosmetics	25	35	6	8	61
	Biotechnology	29	40	1	4	63
	Agric&Foods	8	2	3	2	13
	PetrolChem/MaterialsChem	28	24	3	6	49
	SurfaceTechn	33	20	1	3	46
ProcEng	Materials	46	29	7	4	69
	ChemEngineering	34	28	3	3	52
	Matprocessing/Textiles/Paper	59	41	7	9	86
	Handl/Printing	64	46	4	11	96
	Agric&FoodProcess-Machines	2	1	1	0	4
MechEng	Environment	19	9	1	1	24
	MachineTools	29	18	2	4	39
	Motors	52	50	8	22	106
	ThermProcesses	23	8	1	3	29
	MechElements	65	43	6	11	98
ConsConst	Transportation	97	63	11	14	151
	ConsGoods	33	24	3	10	55
	ConstrTechn	11	6	0	6	20
Total		1415	1091	152	266	2317

		日本	外国	N
ElecEng	Electr/Energy	78.0%	49.5%	182
	Audiovisual	80.9%	57.4%	94
	Telecom	80.8%	57.7%	104
	IT	68.7%	69.9%	83
	Semiconductors	68.0%	61.0%	100
Instruments	Optical	84.3%	46.1%	102
	Analysis/Measurement/ControlTech	71.9%	60.3%	121
	MedicalTechn	64.2%	62.7%	67
	NuclearTechn	37.5%	87.5%	8
Chemistry	OrganicChem	54.4%	82.2%	90
	Polymers	82.9%	50.0%	76
	Pharmaceuticals/Cosmetics	53.2%	74.5%	47
	Biotechnology	50.0%	69.0%	58
	Agric&Foods	100.0%	25.0%	8
	PetrolChem/MaterialsChem	70.0%	60.0%	40
	SurfaceTechn	78.6%	47.6%	42
ProcEng	Materials	79.3%	50.0%	58
	ChemEngineering	73.9%	60.9%	46
	Matprocessing/Textiles/Paper	84.3%	58.6%	70
	Handl/Printing	79.0%	56.8%	81
	Agric&FoodProcess-Machines	66.7%	33.3%	3
MechEng	Environment	86.4%	40.9%	22
	MachineTools	87.9%	54.5%	33
	Motors	68.4%	65.8%	76
	ThermProcesses	92.0%	32.0%	25
	MechElements	80.2%	53.1%	81
ConsConst	Transportation	77.0%	50.0%	126
	ConsGoods	78.6%	57.1%	42
	ConstrTechn	78.6%	42.9%	14
All		74.5%	57.5%	1899

C22 (C19で「はい」を選択した回答者のみ)
競合相手が活動していた業界・地域

[multiple choice]

		同じ都市・地域	他の都市・地域	分からない	無回答	N
ElecEng	Electr/Energy	12	70	19	127	220
	Audiovisual	10	24	11	69	110
	Telecom	14	32	12	82	133
	IT	17	36	18	45	104
	Semiconductors	2	47	6	60	113
Instruments	Optical	9	45	9	68	122
	Analysis/Measurement/ControlTech	9	43	19	92	158
	MedicalTechn	1	26	15	48	89
	NuclearTechn	0	2	0	7	9
Chemistry	OrganicChem	7	28	4	67	102
	Polymers	5	34	8	54	96
	Pharmaceuticals/Cosmetics	2	18	8	34	61
	Biotechnology	1	22	3	37	63
	Agric&Foods	1	6	3	3	13
	PetrolChem/MaterialsChem	3	14	2	31	49
	SurfaceTechn	1	15	3	28	46
	Materials	3	17	8	43	69
ProcEng	ChemEngineering	4	19	4	27	52
	Matprocessing/Textiles/Paper	4	30	8	46	86
	Handl/Printing	7	30	12	49	96
	Agric&FoodProcess-Machines	0	0	0	4	4
	Environment	2	6	2	16	24
MechEng	MachineTools	3	12	5	21	39
	Motors	5	35	8	61	106
	ThermProcesses	2	15	1	12	29
	MechElements	7	29	7	56	98
	Transportation	4	59	14	78	151
ConsConst	ConsGoods	2	20	3	31	55
	ConstrTechn	1	5	2	12	20
Total		138	739	214	1,308	2317

		同じ都市・地域	他の都市・地域	N
ElecEng	Electr/Energy	16.2%	94.6%	74
	Audiovisual	33.3%	80.0%	30
	Telecom	35.9%	82.1%	39
	IT	41.5%	87.8%	41
	Semiconductors	4.3%	100.0%	47
Instruments	Optical	20.0%	100.0%	45
	Analysis/Measurement/ControlTech	19.1%	91.5%	47
	MedicalTechn	3.8%	100.0%	26
	NuclearTechn	0.0%	100.0%	2
Chemistry	OrganicChem	22.6%	90.3%	31
	Polymers	14.7%	100.0%	34
	Pharmaceuticals/Cosmetics	10.5%	94.7%	19
	Biotechnology	4.3%	95.7%	23
	Agric&Foods	14.3%	85.7%	7
	PetrolChem/MaterialsChem	18.8%	87.5%	16
	SurfaceTechn	6.7%	100.0%	15
	Materials	16.7%	94.4%	18
ProcEng	ChemEngineering	19.0%	90.5%	21
	Matprocessing/Textiles/Paper	12.5%	93.8%	32
	Handl/Printing	20.0%	85.7%	35
	Agric&FoodProcess-Machines	-	-	0
	Environment	33.3%	100.0%	6
MechEng	MachineTools	23.1%	92.3%	13
	Motors	13.5%	94.6%	37
	ThermProcesses	12.5%	93.8%	16
	MechElements	20.0%	82.9%	35
	Transportation	6.8%	100.0%	59
ConsConst	ConsGoods	9.5%	95.2%	21
	ConstrTechn	16.7%	83.3%	6
All		17.4%	93.0%	795

		重要でない					非常に重要		
		1	2	3	4	5	情報源として利用しなかった	無回答	Total
ElecEng	Electr/Energy	13	14	33	42	158	23	0	283
	Audiovisual	15	7	16	24	77	23	0	162
	Telecom	9	15	18	42	87	24	0	195
	IT	13	11	24	27	65	27	0	167
	Semiconductors	7	9	18	18	76	16	0	144
Instruments	Optical	3	7	22	26	94	5	0	157
	Analysis/Measurement/ControlTech	21	8	38	44	114	21	0	246
	MedicalTechn	3	5	22	17	71	12	0	130
	NuclearTechn	0	0	0	1	13	0	0	14
Chemistry	OrganicChem	0	7	10	20	112	7	0	156
	Polymers	5	6	17	24	77	2	0	131
	Pharmaceuticals/Cosmetics	2	9	14	16	63	14	0	118
	Biotechnology	6	3	11	16	44	9	0	89
	Agric&Foods	3	0	2	3	12	0	0	20
	PetrolChem/MaterialsChem	3	1	7	13	43	4	0	71
	SurfaceTechn	2	3	9	10	33	3	0	60
	Materials	6	11	12	14	54	6	0	103
ProcEng	ChemEngineering	3	2	10	15	37	3	0	70
	Matprocessing/Textiles/Paper	8	2	14	21	73	11	0	129
	Handl/Printing	9	8	16	24	58	12	0	127
	Agric&FoodProcess-Machines	1	0	0	3	4	1	0	9
	Environment	1	2	1	6	19	3	0	32
MechEng	MachineTools	7	4	10	7	34	9	0	71
	Motors	10	11	23	22	73	17	0	156
	ThermProcesses	2	0	8	8	20	4	0	42
	MechElements	5	3	20	19	70	13	0	130
	Transportation	12	4	28	36	91	20	0	191
ConsConst	ConsGoods	5	4	6	11	48	6	0	80
	ConstrTechn	2	1	2	1	13	4	0	23
Total		176	157	411	530	1733	299	0	3,306

		1	2	3	4	5	情報源として利用しなかった	Total	N
ElecEng	Electr/Energy	4.6%	4.9%	11.7%	14.8%	55.8%	8.1%	100%	283
	Audiovisual	9.3%	4.3%	9.9%	14.8%	47.5%	14.2%	100%	162
	Telecom	4.6%	7.7%	9.2%	21.5%	44.6%	12.3%	100%	195
	IT	7.8%	6.6%	14.4%	16.2%	38.9%	16.2%	100%	167
	Semiconductors	4.9%	6.3%	12.5%	12.5%	52.8%	11.1%	100%	144
Instruments	Optical	1.9%	4.5%	14.0%	16.6%	59.9%	3.2%	100%	157
	Analysis/Measurement/ControlTech	8.5%	3.3%	15.4%	17.9%	46.3%	8.5%	100%	246
	MedicalTechn	2.3%	3.8%	16.9%	13.1%	54.6%	9.2%	100%	130
	NuclearTechn	0.0%	0.0%	0.0%	7.1%	92.9%	0.0%	100%	14
Chemistry	OrganicChem	0.0%	4.5%	6.4%	12.8%	71.8%	4.5%	100%	156
	Polymers	3.8%	4.6%	13.0%	18.3%	58.8%	1.5%	100%	131
	Pharmaceuticals/Cosmetics	1.7%	7.6%	11.9%	13.6%	53.4%	11.9%	100%	118
	Biotechnology	6.7%	3.4%	12.4%	18.0%	49.4%	10.1%	100%	89
	Agric&Foods	15.0%	0.0%	10.0%	15.0%	60.0%	0.0%	100%	20
	PetrolChem/MaterialsChem	4.2%	1.4%	9.9%	18.3%	60.6%	5.6%	100%	71
	SurfaceTechn	3.3%	5.0%	15.0%	16.7%	55.0%	5.0%	100%	60
	Materials	5.8%	10.7%	11.7%	13.6%	52.4%	5.8%	100%	103
ProcEng	ChemEngineering	4.3%	2.9%	14.3%	21.4%	52.9%	4.3%	100%	70
	Matprocessing/Textiles/Paper	6.2%	1.6%	10.9%	16.3%	56.6%	8.5%	100%	129
	Handl/Printing	7.1%	6.3%	12.6%	18.9%	45.7%	9.4%	100%	127
	Agric&FoodProcess-Machines	11.1%	0.0%	0.0%	33.3%	44.4%	11.1%	100%	9
	Environment	3.1%	6.3%	3.1%	18.8%	59.4%	9.4%	100%	32
MechEng	MachineTools	9.9%	5.6%	14.1%	9.9%	47.9%	12.7%	100%	71
	Motors	6.4%	7.1%	14.7%	14.1%	46.8%	10.9%	100%	156
	ThermProcesses	4.8%	0.0%	19.0%	19.0%	47.6%	9.5%	100%	42
	MechElements	3.8%	2.3%	15.4%	14.6%	53.8%	10.0%	100%	130
	Transportation	6.3%	2.1%	14.7%	18.8%	47.6%	10.5%	100%	191
ConsConst	ConsGoods	6.3%	5.0%	7.5%	13.8%	60.0%	7.5%	100%	80
	ConstrTechn	8.7%	4.3%	8.7%	4.3%	56.5%	17.4%	100%	23
All		5.3%	4.7%	12.4%	16.0%	52.4%	9.0%	100%	3306

C23 以下の情報源の重要性
 公刊された科学文献

		重要でない					情報源として利用 しなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	22	23	53	57	68	60	0	283
	Audiovisual	19	11	24	26	35	47	0	162
	Telecom	20	12	26	36	54	47	0	195
	IT	16	15	20	25	31	60	0	167
	Semiconductors	12	9	23	25	51	24	0	144
Instruments	Optical	13	15	22	30	49	28	0	157
	Analysis/Masurement/ControlTech	29	15	40	38	72	52	0	246
	MedicalTechn	10	15	32	17	32	24	0	130
	NuclearTechn	1	1	0	2	7	3	0	14
Chemistry	OrganicChem	0	5	17	25	102	7	0	156
	Polymers	8	14	30	28	40	11	0	131
	Pharmaceuticals/Cosmetics	4	4	8	21	70	11	0	118
	Biotechnology	3	8	7	14	50	7	0	89
	Agric&Foods	4	1	3	4	7	1	0	20
	PetrolChem/MaterialsChem	4	6	19	7	32	3	0	71
	SurfaceTechn	3	8	8	16	20	5	0	60
	Materials	5	6	18	23	34	17	0	103
ProcEng	ChemEngineering	3	3	17	13	27	7	0	70
	Matprocessing/Textiles/Paper	11	12	22	15	45	24	0	129
	Handl/Printing	20	8	21	19	17	42	0	127
	Agric&FoodProcess-Machines	2	0	1	1	3	2	0	9
	Environment	2	4	5	6	9	6	0	32
MechEng	MachineTools	9	7	8	8	14	25	0	71
	Motors	24	9	24	20	36	43	0	156
	ThermProcesses	8	3	8	10	7	6	0	42
	MechElements	11	15	19	24	15	46	0	130
	Transportation	23	23	31	26	19	69	0	191
ConsConst	ConsGoods	12	7	10	8	9	34	0	80
	ConstrTechn	7	3	2	0	4	7	0	23
Total		305	262	518	544	959	718	0	3,306

		1	2	3	4	5	情報源として利用 しなかった	Total	N
ElecEng	Electr/Energy	7.8%	8.1%	18.7%	20.1%	24.0%	21.2%	100%	283
	Audiovisual	11.7%	6.8%	14.8%	16.0%	21.6%	29.0%	100%	162
	Telecom	10.3%	6.2%	13.3%	18.5%	27.7%	24.1%	100%	195
	IT	9.6%	9.0%	12.0%	15.0%	18.6%	35.9%	100%	167
	Semiconductors	8.3%	6.3%	16.0%	17.4%	35.4%	16.7%	100%	144
Instruments	Optical	8.3%	9.6%	14.0%	19.1%	31.2%	17.8%	100%	157
	Analysis/Masurement/ControlTech	11.8%	6.1%	16.3%	15.4%	29.3%	21.1%	100%	246
	MedicalTechn	7.7%	11.5%	24.6%	13.1%	24.6%	18.5%	100%	130
	NuclearTechn	7.1%	7.1%	0.0%	14.3%	50.0%	21.4%	100%	14
Chemistry	OrganicChem	0.0%	3.2%	10.9%	16.0%	65.4%	4.5%	100%	156
	Polymers	6.1%	10.7%	22.9%	21.4%	30.5%	8.4%	100%	131
	Pharmaceuticals/Cosmetics	3.4%	3.4%	6.8%	17.8%	59.3%	9.3%	100%	118
	Biotechnology	3.4%	9.0%	7.9%	15.7%	56.2%	7.9%	100%	89
	Agric&Foods	20.0%	5.0%	15.0%	20.0%	35.0%	5.0%	100%	20
	PetrolChem/MaterialsChem	5.6%	8.5%	26.8%	9.9%	45.1%	4.2%	100%	71
	SurfaceTechn	5.0%	13.3%	13.3%	26.7%	33.3%	8.3%	100%	60
	Materials	4.9%	5.8%	17.5%	22.3%	33.0%	16.5%	100%	103
ProcEng	ChemEngineering	4.3%	4.3%	24.3%	18.6%	38.6%	10.0%	100%	70
	Matprocessing/Textiles/Paper	8.5%	9.3%	17.1%	11.6%	34.9%	18.6%	100%	129
	Handl/Printing	15.7%	6.3%	16.5%	15.0%	13.4%	33.1%	100%	127
	Agric&FoodProcess-Machines	22.2%	0.0%	11.1%	11.1%	33.3%	22.2%	100%	9
	Environment	6.3%	12.5%	15.6%	18.8%	28.1%	18.8%	100%	32
MechEng	MachineTools	12.7%	9.9%	11.3%	11.3%	19.7%	35.2%	100%	71
	Motors	15.4%	5.8%	15.4%	12.8%	23.1%	27.6%	100%	156
	ThermProcesses	19.0%	7.1%	19.0%	23.8%	16.7%	14.3%	100%	42
	MechElements	8.5%	11.5%	14.6%	18.5%	11.5%	35.4%	100%	130
	Transportation	12.0%	12.0%	16.2%	13.6%	9.9%	36.1%	100%	191
ConsConst	ConsGoods	15.0%	8.8%	12.5%	10.0%	11.3%	42.5%	100%	80
	ConstrTechn	30.4%	13.0%	8.7%	0.0%	17.4%	30.4%	100%	23
All		9.2%	7.9%	15.7%	16.5%	29.0%	21.7%	100%	3306

C23 以下の情報源の重要性
未刊の科学技術文書

		重要でない					情報源として利用 しなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	46	34	40	25	14	118	6	283
	Audiovisual	23	13	19	10	8	88	1	162
	Telecom	35	17	27	13	8	93	2	195
	IT	20	13	14	14	5	96	5	167
	Semiconductors	26	7	21	11	11	67	1	144
Instruments	Optical	28	17	19	13	11	66	3	157
	Analysis/Masurement/ControlTech	46	15	28	12	9	132	4	246
	MedicalTechn	16	12	14	7	3	75	3	130
	NuclearTechn	3	0	2	2	0	6	1	14
Chemistry	OrganicChem	18	16	16	12	17	71	6	156
	Polymers	22	12	26	14	5	49	3	131
	Pharmaceuticals/Cosmetics	19	9	9	7	8	62	4	118
	Biotechnology	17	8	9	6	5	37	7	89
	Agric&Foods	6	4	4	0	0	6	0	20
	PetrolChem/MaterialsChem	12	7	15	3	6	26	2	71
	SurfaceTechn	11	7	6	7	2	26	1	60
	Materials	13	6	12	7	8	54	3	103
ProcEng	ChemEngineering	10	8	13	8	5	24	2	70
	Matprocessing/Textiles/Paper	17	14	16	6	8	63	5	129
	Handl/Printing	21	14	14	6	3	67	2	127
	Agric&FoodProcess-Machines	3	0	0	0	0	5	1	9
	Environment	6	4	5	5	3	9	0	32
MechEng	MachineTools	17	8	3	3	1	36	3	71
	Motors	28	6	12	13	13	83	1	156
	ThermProcesses	13	2	4	1	2	19	1	42
	MechElements	19	18	13	7	2	69	2	130
	Transportation	33	13	23	10	7	102	3	191
ConsConst	ConsGoods	10	10	12	3	1	43	1	80
	ConstrTechn	8	1	4	1	1	8	0	23
Total		546	295	400	226	166	1600	73	3,306

		1	2	3	4	5	情報源として利用 しなかった	Total	N
ElecEng	Electr/Energy	16.6%	12.3%	14.4%	9.0%	5.1%	42.6%	100%	277
	Audiovisual	14.3%	8.1%	11.8%	6.2%	5.0%	54.7%	100%	161
	Telecom	18.1%	8.8%	14.0%	6.7%	4.1%	48.2%	100%	193
	IT	12.3%	8.0%	8.6%	8.6%	3.1%	59.3%	100%	162
	Semiconductors	18.2%	4.9%	14.7%	7.7%	7.7%	46.9%	100%	143
Instruments	Optical	18.2%	11.0%	12.3%	8.4%	7.1%	42.9%	100%	154
	Analysis/Masurement/ControlTech	19.0%	6.2%	11.6%	5.0%	3.7%	54.5%	100%	242
	MedicalTechn	12.6%	9.4%	11.0%	5.5%	2.4%	59.1%	100%	127
	NuclearTechn	23.1%	0.0%	15.4%	15.4%	0.0%	46.2%	100%	13
Chemistry	OrganicChem	12.0%	10.7%	10.7%	8.0%	11.3%	47.3%	100%	150
	Polymers	17.2%	9.4%	20.3%	10.9%	3.9%	38.3%	100%	128
	Pharmaceuticals/Cosmetics	16.7%	7.9%	7.9%	6.1%	7.0%	54.4%	100%	114
	Biotechnology	20.7%	9.8%	11.0%	7.3%	6.1%	45.1%	100%	82
	Agric&Foods	30.0%	20.0%	20.0%	0.0%	0.0%	30.0%	100%	20
	PetrolChem/MaterialsChem	17.4%	10.1%	21.7%	4.3%	8.7%	37.7%	100%	69
	SurfaceTechn	18.6%	11.9%	10.2%	11.9%	3.4%	44.1%	100%	59
	Materials	13.0%	6.0%	12.0%	7.0%	8.0%	54.0%	100%	100
ProcEng	ChemEngineering	14.7%	11.8%	19.1%	11.8%	7.4%	35.3%	100%	68
	Matprocessing/Textiles/Paper	13.7%	11.3%	12.9%	4.8%	6.5%	50.8%	100%	124
	Handl/Printing	16.8%	11.2%	11.2%	4.8%	2.4%	53.6%	100%	125
	Agric&FoodProcess-Machines	37.5%	0.0%	0.0%	0.0%	0.0%	62.5%	100%	8
	Environment	18.8%	12.5%	15.6%	15.6%	9.4%	28.1%	100%	32
MechEng	MachineTools	25.0%	11.8%	4.4%	4.4%	1.5%	52.9%	100%	68
	Motors	18.1%	3.9%	7.7%	8.4%	8.4%	53.5%	100%	155
	ThermProcesses	31.7%	4.9%	9.8%	2.4%	4.9%	46.3%	100%	41
	MechElements	14.8%	14.1%	10.2%	5.5%	1.6%	53.9%	100%	128
	Transportation	17.6%	6.9%	12.2%	5.3%	3.7%	54.3%	100%	188
ConsConst	ConsGoods	12.7%	12.7%	15.2%	3.8%	1.3%	54.4%	100%	79
	ConstrTechn	34.8%	4.3%	17.4%	4.3%	4.3%	34.8%	100%	23
All		16.9%	9.1%	12.4%	7.0%	5.1%	49.5%	100%	3233

C23 以下の情報源の重要性
展示会・見本市

		重要でない					情報源として利用 しなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	43	31	62	42	24	78	3	283
	Audiovisual	24	20	34	18	8	57	1	162
	Telecom	28	25	41	26	6	68	1	195
	IT	27	18	29	14	6	68	5	167
	Semiconductors	21	19	27	16	12	48	1	144
Instruments	Optical	22	17	23	29	24	39	3	157
	Analysis/Masurement/ControlTech	32	30	47	26	24	84	3	246
	MedicalTechn	15	16	15	12	10	58	4	130
	NuclearTechn	2	2	3	2	0	4	1	14
Chemistry	OrganicChem	29	14	19	3	7	79	5	156
	Polymers	24	26	24	11	7	38	1	131
	Pharmaceuticals/Cosmetics	18	12	9	8	5	61	5	118
	Biotechnology	19	12	11	4	3	34	6	89
	Agric&Foods	8	2	7	1	0	2	0	20
	PetrolChem/MaterialsChem	17	10	7	3	6	27	1	71
	SurfaceTechn	11	6	13	8	1	19	2	60
	Materials	20	14	11	9	10	37	2	103
ProcEng	ChemEngineering	12	11	12	8	3	21	3	70
	Matprocessing/Textiles/Paper	12	19	22	13	11	49	3	129
	Handl/Printing	15	18	19	19	9	44	3	127
	Agric&FoodProcess-Machines	1	1	3	0	1	1	2	9
	Environment	3	4	7	4	5	9	0	32
MechEng	MachineTools	6	10	10	11	12	22	0	71
	Motors	23	19	22	17	11	61	3	156
	ThermProcesses	12	2	10	5	2	11	0	42
	MechElements	19	11	26	16	6	50	2	130
	Transportation	26	20	51	19	12	58	5	191
ConsConst	ConsGoods	9	6	16	16	9	24	0	80
	ConstrTechn	4	1	5	2	5	6	0	23
Total		502	396	585	362	239	1157	65	3,306

		1	2	3	4	5	情報源として利用 しなかった	Total	N
ElecEng	Electr/Energy	15.4%	11.1%	22.1%	15.0%	8.6%	27.9%	100%	280
	Audiovisual	14.9%	12.4%	21.1%	11.2%	5.0%	35.4%	100%	161
	Telecom	14.4%	12.9%	21.1%	13.4%	3.1%	35.1%	100%	194
	IT	16.7%	11.1%	17.9%	8.6%	3.7%	42.0%	100%	162
	Semiconductors	14.7%	13.3%	18.9%	11.2%	8.4%	33.6%	100%	143
Instruments	Optical	14.3%	11.0%	14.9%	18.8%	15.6%	25.3%	100%	154
	Analysis/Masurement/ControlTech	13.2%	12.3%	19.3%	10.7%	9.9%	34.6%	100%	243
	MedicalTechn	11.9%	12.7%	11.9%	9.5%	7.9%	46.0%	100%	126
	NuclearTechn	15.4%	15.4%	23.1%	15.4%	0.0%	30.8%	100%	13
Chemistry	OrganicChem	19.2%	9.3%	12.6%	2.0%	4.6%	52.3%	100%	151
	Polymers	18.5%	20.0%	18.5%	8.5%	5.4%	29.2%	100%	130
	Pharmaceuticals/Cosmetics	15.9%	10.6%	8.0%	7.1%	4.4%	54.0%	100%	113
	Biotechnology	22.9%	14.5%	13.3%	4.8%	3.6%	41.0%	100%	83
	Agric&Foods	40.0%	10.0%	35.0%	5.0%	0.0%	10.0%	100%	20
	PetrolChem/MaterialsChem	24.3%	14.3%	10.0%	4.3%	8.6%	38.6%	100%	70
	SurfaceTechn	19.0%	10.3%	22.4%	13.8%	1.7%	32.8%	100%	58
	Materials	19.8%	13.9%	10.9%	8.9%	9.9%	36.6%	100%	101
ProcEng	ChemEngineering	17.9%	16.4%	17.9%	11.9%	4.5%	31.3%	100%	67
	Matprocessing/Textiles/Paper	9.5%	15.1%	17.5%	10.3%	8.7%	38.9%	100%	126
	Handl/Printing	12.1%	14.5%	15.3%	15.3%	7.3%	35.5%	100%	124
	Agric&FoodProcess-Machines	14.3%	14.3%	42.9%	0.0%	14.3%	14.3%	100%	7
	Environment	9.4%	12.5%	21.9%	12.5%	15.6%	28.1%	100%	32
MechEng	MachineTools	8.5%	14.1%	14.1%	15.5%	16.9%	31.0%	100%	71
	Motors	15.0%	12.4%	14.4%	11.1%	7.2%	39.9%	100%	153
	ThermProcesses	28.6%	4.8%	23.8%	11.9%	4.8%	26.2%	100%	42
	MechElements	14.8%	8.6%	20.3%	12.5%	4.7%	39.1%	100%	128
	Transportation	14.0%	10.8%	27.4%	10.2%	6.5%	31.2%	100%	186
ConsConst	ConsGoods	11.3%	7.5%	20.0%	20.0%	11.3%	30.0%	100%	80
	ConstrTechn	17.4%	4.3%	21.7%	8.7%	21.7%	26.1%	100%	23
All		15.5%	12.2%	18.0%	11.2%	7.4%	35.7%	100%	3241

C23 以下の情報源の重要性
会議・ワークショップ

		重要でない					非常に重要		
		1	2	3	4	5	情報源として利用 しなかった	無回答	Total
ElecEng	Electr/Energy	30	31	69	40	34	73	6	283
	Audiovisual	15	19	36	20	21	51	0	162
	Telecom	19	19	40	35	26	54	2	195
	IT	18	12	36	22	18	58	3	167
	Semiconductors	11	11	31	27	30	32	2	144
Instruments	Optical	18	20	23	33	22	38	3	157
	Analysis/Measurement/ControlTech	32	24	40	31	26	91	2	246
	MedicalTechn	8	16	21	13	20	48	4	130
	NuclearTechn	2	0	3	3	3	2	1	14
Chemistry	OrganicChem	18	12	29	16	24	53	4	156
	Polymers	18	16	29	23	10	34	1	131
	Pharmaceuticals/Cosmetics	13	9	8	21	19	44	4	118
	Biotechnology	15	6	13	13	13	23	6	89
	Agric&Foods	6	1	5	3	0	5	0	20
	PetrolChem/MaterialsChem	13	9	13	7	8	20	1	71
	SurfaceTechn	8	8	13	11	5	13	2	60
	Materials	10	11	18	17	16	28	3	103
ProcEng	ChemEngineering	8	5	17	12	5	19	4	70
	Matprocessing/Textiles/Paper	10	10	28	18	14	47	2	129
	Handl/Printing	17	9	22	14	17	47	1	127
	Agric&FoodProcess-Machines	2	0	1	1	2	3	0	9
	Environment	0	5	4	8	6	9	0	32
MechEng	MachineTools	11	4	16	5	11	23	1	71
	Motors	19	17	27	25	24	44	0	156
	ThermProcesses	9	2	9	9	4	9	0	42
	MechElements	16	13	29	15	15	40	2	130
	Transportation	17	20	51	26	24	51	2	191
ConsConst	ConsGoods	8	7	16	15	6	26	2	80
	ConstrTechn	2	1	9	0	4	7	0	23
Total		373	317	656	483	427	992	58	3,306

		1	2	3	4	5	情報源として利用 しなかった	Total	N
ElecEng	Electr/Energy	10.8%	11.2%	24.9%	14.4%	12.3%	26.4%	100%	277
	Audiovisual	9.3%	11.7%	22.2%	12.3%	13.0%	31.5%	100%	162
	Telecom	9.8%	9.8%	20.7%	18.1%	13.5%	28.0%	100%	193
	IT	11.0%	7.3%	22.0%	13.4%	11.0%	35.4%	100%	164
	Semiconductors	7.7%	7.7%	21.8%	19.0%	21.1%	22.5%	100%	142
Instruments	Optical	11.7%	13.0%	14.9%	21.4%	14.3%	24.7%	100%	154
	Analysis/Measurement/ControlTech	13.1%	9.8%	16.4%	12.7%	10.7%	37.3%	100%	244
	MedicalTechn	6.3%	12.7%	16.7%	10.3%	15.9%	38.1%	100%	126
	NuclearTechn	15.4%	0.0%	23.1%	23.1%	23.1%	15.4%	100%	13
Chemistry	OrganicChem	11.8%	7.9%	19.1%	10.5%	15.8%	34.9%	100%	152
	Polymers	13.8%	12.3%	22.3%	17.7%	7.7%	26.2%	100%	130
	Pharmaceuticals/Cosmetics	11.4%	7.9%	7.0%	18.4%	16.7%	38.6%	100%	114
	Biotechnology	18.1%	7.2%	15.7%	15.7%	15.7%	27.7%	100%	83
	Agric&Foods	30.0%	5.0%	25.0%	15.0%	0.0%	25.0%	100%	20
	PetrolChem/MaterialsChem	18.6%	12.9%	18.6%	10.0%	11.4%	28.6%	100%	70
	SurfaceTechn	13.8%	13.8%	22.4%	19.0%	8.6%	22.4%	100%	58
	Materials	10.0%	11.0%	18.0%	17.0%	16.0%	28.0%	100%	100
ProcEng	ChemEngineering	12.1%	7.6%	25.8%	18.2%	7.6%	28.8%	100%	66
	Matprocessing/Textiles/Paper	7.9%	7.9%	22.0%	14.2%	11.0%	37.0%	100%	127
	Handl/Printing	13.5%	7.1%	17.5%	11.1%	13.5%	37.3%	100%	126
	Agric&FoodProcess-Machines	22.2%	0.0%	11.1%	11.1%	22.2%	33.3%	100%	9
	Environment	0.0%	15.6%	12.5%	25.0%	18.8%	28.1%	100%	32
MechEng	MachineTools	15.7%	5.7%	22.9%	7.1%	15.7%	32.9%	100%	70
	Motors	12.2%	10.9%	17.3%	16.0%	15.4%	28.2%	100%	156
	ThermProcesses	21.4%	4.8%	21.4%	21.4%	9.5%	21.4%	100%	42
	MechElements	12.5%	10.2%	22.7%	11.7%	11.7%	31.3%	100%	128
	Transportation	9.0%	10.6%	27.0%	13.8%	12.7%	27.0%	100%	189
ConsConst	ConsGoods	10.3%	9.0%	20.5%	19.2%	7.7%	33.3%	100%	78
	ConstrTechn	8.7%	4.3%	39.1%	0.0%	17.4%	30.4%	100%	23
All		11.5%	9.8%	20.2%	14.9%	13.1%	30.5%	100%	3248

C23 以下の情報源の重要性
 発明・ノウハウ

		重要でない					非常に重要		
		1	2	3	4	5	情報源として利用しなかった	無回答	Total
ElecEng	Electr/Energy	36	21	49	34	35	100	8	283
	Audiovisual	19	12	26	19	26	60	0	162
	Telecom	20	23	37	23	20	67	5	195
	IT	19	11	26	18	13	76	4	167
	Semiconductors	18	15	17	14	21	58	1	144
Instruments	Optical	23	18	12	21	19	63	1	157
	Analysis/Masurement/ControlTech	35	18	23	30	30	108	2	246
	MedicalTechn	12	10	21	12	10	62	3	130
	NuclearTechn	3	0	2	1	2	5	1	14
Chemistry	OrganicChem	22	10	19	14	24	63	4	156
	Polymers	23	10	21	18	11	45	3	131
	Pharmaceuticals/Cosmetics	14	13	6	7	17	53	8	118
	Biotechnology	17	5	7	8	9	36	7	89
	Agric&Foods	6	3	3	1	3	4	0	20
	PetrolChem/MaterialsChem	18	2	9	5	12	23	2	71
	SurfaceTechn	9	10	8	4	6	19	4	60
	Materials	10	9	12	14	12	42	4	103
ProcEng	ChemEngineering	10	8	6	10	8	26	2	70
	Matprocessing/Textiles/Paper	17	7	17	12	16	59	1	129
	Handl/Printing	17	11	21	15	13	48	2	127
	Agric&FoodProcess-Machines	3	0	1	0	1	3	1	9
	Environment	1	1	5	4	12	8	1	32
MechEng	MachineTools	15	5	8	6	8	25	4	71
	Motors	26	12	27	17	16	56	2	156
	ThermProcesses	9	2	11	3	4	13	0	42
	MechElements	15	13	18	21	15	45	3	130
	Transportation	21	13	43	32	22	59	1	191
ConsConst	ConsGoods	11	6	12	10	13	26	2	80
	ConstrTechn	4	2	4	1	2	9	1	23
Total		453	270	471	374	400	1261	77	3,306

		1	2	3	4	5	情報源として利用しなかった	Total	N
ElecEng	Electr/Energy	13.1%	7.6%	17.8%	12.4%	12.7%	36.4%	100%	275
	Audiovisual	11.7%	7.4%	16.0%	11.7%	16.0%	37.0%	100%	162
	Telecom	10.5%	12.1%	19.5%	12.1%	10.5%	35.3%	100%	190
	IT	11.7%	6.7%	16.0%	11.0%	8.0%	46.6%	100%	163
	Semiconductors	12.6%	10.5%	11.9%	9.8%	14.7%	40.6%	100%	143
Instruments	Optical	14.7%	11.5%	7.7%	13.5%	12.2%	40.4%	100%	156
	Analysis/Masurement/ControlTech	14.3%	7.4%	9.4%	12.3%	12.3%	44.3%	100%	244
	MedicalTechn	9.4%	7.9%	16.5%	9.4%	7.9%	48.8%	100%	127
	NuclearTechn	23.1%	0.0%	15.4%	7.7%	15.4%	38.5%	100%	13
Chemistry	OrganicChem	14.5%	6.6%	12.5%	9.2%	15.8%	41.4%	100%	152
	Polymers	18.0%	7.8%	16.4%	14.1%	8.6%	35.2%	100%	128
	Pharmaceuticals/Cosmetics	12.7%	11.8%	5.5%	6.4%	15.5%	48.2%	100%	110
	Biotechnology	20.7%	6.1%	8.5%	9.8%	11.0%	43.9%	100%	82
	Agric&Foods	30.0%	15.0%	15.0%	5.0%	15.0%	20.0%	100%	20
	PetrolChem/MaterialsChem	26.1%	2.9%	13.0%	7.2%	17.4%	33.3%	100%	69
	SurfaceTechn	16.1%	17.9%	14.3%	7.1%	10.7%	33.9%	100%	56
	Materials	10.1%	9.1%	12.1%	14.1%	12.1%	42.4%	100%	99
ProcEng	ChemEngineering	14.7%	11.8%	8.8%	14.7%	11.8%	38.2%	100%	68
	Matprocessing/Textiles/Paper	13.3%	5.5%	13.3%	9.4%	12.5%	46.1%	100%	128
	Handl/Printing	13.6%	8.8%	16.8%	12.0%	10.4%	38.4%	100%	125
	Agric&FoodProcess-Machines	37.5%	0.0%	12.5%	0.0%	12.5%	37.5%	100%	8
	Environment	3.2%	3.2%	16.1%	12.9%	38.7%	25.8%	100%	31
MechEng	MachineTools	22.4%	7.5%	11.9%	9.0%	11.9%	37.3%	100%	67
	Motors	16.9%	7.8%	17.5%	11.0%	10.4%	36.4%	100%	154
	ThermProcesses	21.4%	4.8%	26.2%	7.1%	9.5%	31.0%	100%	42
	MechElements	11.8%	10.2%	14.2%	16.5%	11.8%	35.4%	100%	127
	Transportation	11.1%	6.8%	22.6%	16.8%	11.6%	31.1%	100%	190
ConsConst	ConsGoods	14.1%	7.7%	15.4%	12.8%	16.7%	33.3%	100%	78
	ConstrTechn	18.2%	9.1%	18.2%	4.5%	9.1%	40.9%	100%	22
All		14.0%	8.4%	14.6%	11.6%	12.4%	39.1%	100%	3229

C23 以下の情報源の重要性
同僚間での情報交換

		重要でない					情報源として利用 しなかった	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	14	19	69	65	91	19	6	283
	Audiovisual	9	14	23	38	51	26	1	162
	Telecom	6	10	34	53	63	26	3	195
	IT	9	8	26	43	61	18	2	167
	Semiconductors	3	5	23	36	57	19	1	144
Instruments	Optical	10	10	32	41	47	15	2	157
	Analysis/Masurement/ControlTech	19	11	46	64	70	35	1	246
	MedicalTechn	10	9	27	25	36	20	3	130
	NuclearTechn	1	1	3	2	4	2	1	14
Chemistry	OrganicChem	3	4	24	45	61	14	5	156
	Polymers	2	13	32	34	40	9	1	131
	Pharmaceuticals/Cosmetics	1	6	18	16	52	22	3	118
	Biotechnology	7	4	14	17	30	10	7	89
	Agric&Foods	3	0	4	8	3	1	1	20
	PetrolChem/MaterialsChem	6	5	12	17	24	4	3	71
	SurfaceTechn	5	6	16	12	16	2	3	60
	Materials	6	7	21	26	26	15	2	103
ProcEng	ChemEngineering	6	4	12	12	25	9	2	70
	Matprocessing/Textiles/Paper	6	9	31	20	50	11	2	129
	Handl/Printing	7	6	27	26	48	11	2	127
	Agric&FoodProcess-Machines	0	0	1	2	3	1	2	9
	Environment	0	5	5	6	12	2	2	32
MechEng	MachineTools	3	6	18	10	21	9	4	71
	Motors	12	11	21	41	56	15	0	156
	ThermProcesses	2	4	9	8	13	6	0	42
	MechElements	3	9	30	26	46	15	1	130
	Transportation	8	12	39	47	64	20	1	191
ConsConst	ConsGoods	4	11	14	14	22	14	1	80
	ConstrTechn	3	3	4	2	6	5	0	23
Total		168	212	635	756	1098	375	62	3,306

		1	2	3	4	5	情報源として利用 しなかった	Total	N
ElecEng	Electr/Energy	5.1%	6.9%	24.9%	23.5%	32.9%	6.9%	100%	277
	Audiovisual	5.6%	8.7%	14.3%	23.6%	31.7%	16.1%	100%	161
	Telecom	3.1%	5.2%	17.7%	27.6%	32.8%	13.5%	100%	192
	IT	5.5%	4.8%	15.8%	26.1%	37.0%	10.9%	100%	165
	Semiconductors	2.1%	3.5%	16.1%	25.2%	39.9%	13.3%	100%	143
Instruments	Optical	6.5%	6.5%	20.6%	26.5%	30.3%	9.7%	100%	155
	Analysis/Masurement/ControlTech	7.8%	4.5%	18.8%	26.1%	28.6%	14.3%	100%	245
	MedicalTechn	7.9%	7.1%	21.3%	19.7%	28.3%	15.7%	100%	127
	NuclearTechn	7.7%	7.7%	23.1%	15.4%	30.8%	15.4%	100%	13
Chemistry	OrganicChem	2.0%	2.6%	15.9%	29.8%	40.4%	9.3%	100%	151
	Polymers	1.5%	10.0%	24.6%	26.2%	30.8%	6.9%	100%	130
	Pharmaceuticals/Cosmetics	0.9%	5.2%	15.7%	13.9%	45.2%	19.1%	100%	115
	Biotechnology	8.5%	4.9%	17.1%	20.7%	36.6%	12.2%	100%	82
	Agric&Foods	15.8%	0.0%	21.1%	42.1%	15.8%	5.3%	100%	19
	PetrolChem/MaterialsChem	8.8%	7.4%	17.6%	25.0%	35.3%	5.9%	100%	68
	SurfaceTechn	8.8%	10.5%	28.1%	21.1%	28.1%	3.5%	100%	57
	Materials	5.9%	6.9%	20.8%	25.7%	25.7%	14.9%	100%	101
ProcEng	ChemEngineering	8.8%	5.9%	17.6%	17.6%	36.8%	13.2%	100%	68
	Matprocessing/Textiles/Paper	4.7%	7.1%	24.4%	15.7%	39.4%	8.7%	100%	127
	Handl/Printing	5.6%	4.8%	21.6%	20.8%	38.4%	8.8%	100%	125
	Agric&FoodProcess-Machines	0.0%	0.0%	14.3%	28.6%	42.9%	14.3%	100%	7
	Environment	0.0%	16.7%	16.7%	20.0%	40.0%	6.7%	100%	30
MechEng	MachineTools	4.5%	9.0%	26.9%	14.9%	31.3%	13.4%	100%	67
	Motors	7.7%	7.1%	13.5%	26.3%	35.9%	9.6%	100%	156
	ThermProcesses	4.8%	9.5%	21.4%	19.0%	31.0%	14.3%	100%	42
	MechElements	2.3%	7.0%	23.3%	20.2%	35.7%	11.6%	100%	129
	Transportation	4.2%	6.3%	20.5%	24.7%	33.7%	10.5%	100%	190
ConsConst	ConsGoods	5.1%	13.9%	17.7%	17.7%	27.8%	17.7%	100%	79
	ConstrTechn	13.0%	13.0%	17.4%	8.7%	26.1%	21.7%	100%	23
All		5.2%	6.5%	19.6%	23.3%	33.8%	11.6%	100%	3244

C23 以下の情報源の重要性
その他

		重要でない					非常に重要		
		1	2	3	4	5	情報源として利用しなかった	無回答	Total
ElecEng	Electr/Energy	15	0	1	1	3	70	193	283
	Audiovisual	3	0	0	1	5	55	98	162
	Telecom	16	0	3	1	6	43	126	195
	IT	8	0	1	2	4	58	94	167
	Semiconductors	6	1	1	0	3	28	105	144
Instruments	Optical	6	0	1	2	3	25	120	157
	Analysis/Masurement/ControlTech	13	0	3	0	4	57	169	246
	MedicalTechn	9	0	2	0	2	30	87	130
	NuclearTechn	0	0	0	0	0	1	13	14
Chemistry	OrganicChem	3	0	0	0	0	37	116	156
	Polymers	1	1	1	0	2	20	106	131
	Pharmaceuticals/Cosmetics	6	0	1	0	2	25	84	118
	Biotechnology	4	0	1	0	0	20	64	89
	Agric&Foods	2	0	0	0	0	3	15	20
	PetrolChem/MaterialsChem	1	0	1	0	2	14	53	71
	SurfaceTechn	1	0	0	0	2	12	45	60
	Materials	4	2	0	0	4	16	77	103
ProcEng	ChemEngineering	4	0	0	0	1	15	50	70
	Matprocessing/Textiles/Paper	3	0	1	2	3	31	89	129
	Handl/Printing	6	0	2	0	2	33	84	127
	Agric&FoodProcess-Machines	0	0	0	0	0	2	7	9
	Environment	0	0	0	0	0	5	27	32
MechEng	MachineTools	3	0	1	0	4	20	43	71
	Motors	5	0	1	0	3	44	103	156
	ThermProcesses	3	0	0	0	0	12	27	42
	MechElements	6	0	1	0	5	31	87	130
	Transportation	5	0	3	2	13	46	122	191
ConsConst	ConsGoods	0	0	0	1	4	23	52	80
	ConstrTechn	1	0	0	0	1	4	17	23
Total		134	4	25	12	78	780	2273	3,306

		1	2	3	4	5	情報源として利用しなかった	Total	N
ElecEng	Electr/Energy	16.7%	0.0%	1.1%	1.1%	3.3%	77.8%	100%	90
	Audiovisual	4.7%	0.0%	0.0%	1.6%	7.8%	85.9%	100%	64
	Telecom	23.2%	0.0%	4.3%	1.4%	8.7%	62.3%	100%	69
	IT	11.0%	0.0%	1.4%	2.7%	5.5%	79.5%	100%	73
	Semiconductors	15.4%	2.6%	2.6%	0.0%	7.7%	71.8%	100%	39
Instruments	Optical	16.2%	0.0%	2.7%	5.4%	8.1%	67.6%	100%	37
	Analysis/Masurement/ControlTech	16.9%	0.0%	3.9%	0.0%	5.2%	74.0%	100%	77
	MedicalTechn	20.9%	0.0%	4.7%	0.0%	4.7%	69.8%	100%	43
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	1
Chemistry	OrganicChem	7.5%	0.0%	0.0%	0.0%	0.0%	92.5%	100%	40
	Polymers	4.0%	4.0%	4.0%	0.0%	8.0%	80.0%	100%	25
	Pharmaceuticals/Cosmetics	17.6%	0.0%	2.9%	0.0%	5.9%	73.5%	100%	34
	Biotechnology	16.0%	0.0%	4.0%	0.0%	0.0%	80.0%	100%	25
	Agric&Foods	40.0%	0.0%	0.0%	0.0%	0.0%	60.0%	100%	5
	PetrolChem/MaterialsChem	5.6%	0.0%	5.6%	0.0%	11.1%	77.8%	100%	18
	SurfaceTechn	6.7%	0.0%	0.0%	0.0%	13.3%	80.0%	100%	15
ProcEng	Materials	15.4%	7.7%	0.0%	0.0%	15.4%	61.5%	100%	26
	ChemEngineering	20.0%	0.0%	0.0%	0.0%	5.0%	75.0%	100%	20
	Matprocessing/Textiles/Paper	7.5%	0.0%	2.5%	5.0%	7.5%	77.5%	100%	40
	Handl/Printing	14.0%	0.0%	4.7%	0.0%	4.7%	76.7%	100%	43
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	2
	Environment	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	5
MechEng	MachineTools	10.7%	0.0%	3.6%	0.0%	14.3%	71.4%	100%	28
	Motors	9.4%	0.0%	1.9%	0.0%	5.7%	83.0%	100%	53
	ThermProcesses	20.0%	0.0%	0.0%	0.0%	0.0%	80.0%	100%	15
	MechElements	14.0%	0.0%	2.3%	0.0%	11.6%	72.1%	100%	43
	Transportation	7.2%	0.0%	4.3%	2.9%	18.8%	66.7%	100%	69
ConsConst	ConsGoods	0.0%	0.0%	0.0%	3.6%	14.3%	82.1%	100%	28
	ConstrTechn	16.7%	0.0%	0.0%	0.0%	16.7%	66.7%	100%	6
All		13.0%	0.4%	2.4%	1.2%	7.6%	75.5%	100%	1033

		0-2 hours	>2-5 hours	>5-10 hours	>10-20 hours	>20-50 hours	>50-100 hours	>100 hours	間違いなく_時間以上	間違いなく_時間未満	分からない	無回答	Total
ElecEng	Electr/Energy	30	20	15	21	26	15	45	18	2	68	0	260
	Audiovisual	26	12	12	7	11	7	11	10	2	41	0	139
	Telecom	27	18	21	16	17	13	8	8	0	43	0	171
	IT	29	11	8	15	10	4	8	11	1	43	0	140
	Semiconductors	16	6	9	8	18	5	18	7	3	38	0	128
Instruments	Optical	19	7	16	15	17	10	22	6	0	39	1	152
	Analysis/Measurement/ControlTech	31	8	19	22	24	13	25	19	2	61	1	225
	MedicalTechn	16	5	12	9	11	6	19	6	1	31	2	118
	NuclearTechn	1	1	1	4	1	0	2	1	0	3	0	14
Chemistry	OrganicChem	6	3	5	6	10	6	49	12	3	49	0	149
	Polymers	9	4	7	16	9	8	29	10	0	35	2	129
	Pharmaceuticals/Cosmetics	14	3	4	6	9	2	19	6	0	40	1	104
	Biotechnology	8	4	5	8	3	3	19	3	0	27	0	80
	Agric&Foods	0	1	2	0	1	3	4	0	0	7	2	20
	PetrolChem/MaterialsChem	9	2	0	6	10	4	13	4	1	18	0	67
	SurfaceTechn	6	5	3	2	4	4	8	7	0	17	1	57
	Materials	14	4	7	6	4	3	21	7	1	30	0	97
ProcEng	ChemEngineering	4	5	5	5	7	3	6	6	0	26	0	67
	Matprocessing/Textiles/Paper	14	4	3	13	11	6	22	9	3	33	0	118
	Handl/Printing	17	3	12	10	7	9	11	9	1	36	0	115
	Agric&FoodProcess-Machines	2	2	0	0	1	0	1	0	0	2	0	8
	Environment	3	0	5	1	3	5	9	1	0	2	0	29
MechEng	MachineTools	10	3	7	3	4	4	11	2	0	18	0	62
	Motors	19	11	15	11	12	9	14	7	2	39	0	139
	ThermProcesses	7	1	7	0	5	4	2	4	0	8	0	38
	MechElements	18	5	11	16	9	7	13	5	0	33	0	117
	Transportation	24	9	14	14	18	13	11	14	2	50	2	171
ConsConst	ConsGoods	7	7	4	6	5	5	13	4	2	21	0	74
	ConstrTechn	2	1	2	2	5	1	0	3	0	3	0	19
Total		388	165	231	248	272	172	433	199	26	861	12	3007

		0-2 hours	>2-5 hours	>5-10 hours	>10-20 hours	>20-50 hours	>50-100 hours	>100 hours	間違いなく_時間以上	間違いなく_時間未満	Total	N
ElecEng	Electr/Energy	15.6%	10.4%	7.8%	10.9%	13.5%	7.8%	23.4%	9.4%	1.0%	100%	192
	Audiovisual	26.5%	12.2%	12.2%	7.1%	11.2%	7.1%	11.2%	10.2%	2.0%	100%	98
	Telecom	21.1%	14.1%	16.4%	12.5%	13.3%	10.2%	6.3%	6.3%	0.0%	100%	128
	IT	29.9%	11.3%	8.2%	15.5%	10.3%	4.1%	8.2%	11.3%	1.0%	100%	97
	Semiconductors	17.8%	6.7%	10.0%	8.9%	20.0%	5.6%	20.0%	7.8%	3.3%	100%	90
Instruments	Optical	17.0%	6.3%	14.3%	13.4%	15.2%	8.9%	19.6%	5.4%	0.0%	100%	112
	Analysis/Measurement/ControlTech	19.0%	4.9%	11.7%	13.5%	14.7%	8.0%	15.3%	11.7%	1.2%	100%	163
	MedicalTechn	18.8%	5.9%	14.1%	10.6%	12.9%	7.1%	22.4%	7.1%	1.2%	100%	85
	NuclearTechn	9.1%	9.1%	9.1%	36.4%	9.1%	0.0%	18.2%	9.1%	0.0%	100%	11
Chemistry	OrganicChem	6.0%	3.0%	5.0%	6.0%	10.0%	6.0%	49.0%	12.0%	3.0%	100%	100
	Polymers	9.8%	4.3%	7.6%	17.4%	9.8%	8.7%	31.5%	10.9%	0.0%	100%	92
	Pharmaceuticals/Cosmetics	22.2%	4.8%	6.3%	9.5%	14.3%	3.2%	30.2%	9.5%	0.0%	100%	63
	Biotechnology	15.1%	7.5%	9.4%	15.1%	5.7%	5.7%	35.8%	5.7%	0.0%	100%	53
	Agric&Foods	0.0%	9.1%	18.2%	0.0%	9.1%	27.3%	36.4%	0.0%	0.0%	100%	11
	PetrolChem/MaterialsChem	18.4%	4.1%	0.0%	12.2%	20.4%	8.2%	26.5%	8.2%	2.0%	100%	49
	SurfaceTechn	15.4%	12.8%	7.7%	5.1%	10.3%	10.3%	20.5%	17.9%	0.0%	100%	39
	Materials	20.9%	6.0%	10.4%	9.0%	6.0%	4.5%	31.3%	10.4%	1.5%	100%	67
ProcEng	ChemEngineering	9.8%	12.2%	12.2%	12.2%	17.1%	7.3%	14.6%	14.6%	0.0%	100%	41
	Matprocessing/Textiles/Paper	16.5%	4.7%	3.5%	15.3%	12.9%	7.1%	25.9%	10.6%	3.5%	100%	85
	Handl/Printing	21.5%	3.8%	15.2%	12.7%	8.9%	11.4%	13.9%	11.4%	1.3%	100%	79
	Agric&FoodProcess-Machines	33.3%	33.3%	0.0%	0.0%	16.7%	0.0%	16.7%	0.0%	0.0%	100%	6
	Environment	11.1%	0.0%	18.5%	3.7%	11.1%	18.5%	33.3%	3.7%	0.0%	100%	27
MechEng	MachineTools	22.7%	6.8%	15.9%	6.8%	9.1%	9.1%	25.0%	4.5%	0.0%	100%	44
	Motors	19.0%	11.0%	15.0%	11.0%	12.0%	9.0%	14.0%	7.0%	2.0%	100%	100
	ThermProcesses	23.3%	3.3%	23.3%	0.0%	16.7%	13.3%	6.7%	13.3%	0.0%	100%	30
	MechElements	21.4%	6.0%	13.1%	19.0%	10.7%	8.3%	15.5%	6.0%	0.0%	100%	84
	Transportation	20.2%	7.6%	11.8%	11.8%	15.1%	10.9%	9.2%	11.8%	1.7%	100%	119
ConsConst	ConsGoods	13.2%	13.2%	7.5%	11.3%	9.4%	9.4%	24.5%	7.5%	3.8%	100%	53
	ConstrTechn	12.5%	6.3%	12.5%	12.5%	31.3%	6.3%	0.0%	18.8%	0.0%	100%	16
All		18.2%	7.7%	10.8%	11.6%	12.7%	8.1%	20.3%	9.3%	1.2%	100%	2134

		はい	いいえ	Total
ElecEng	Electr/Energy	43	240	283
	Audiovisual	23	139	162
	Telecom	26	169	195
	IT	21	146	167
	Semiconductors	34	110	144
Instruments	Optical	25	132	157
	Analysis/Measurement/ControlTech	56	190	246
	MedicalTechn	17	113	130
	NuclearTechn	8	6	14
Chemistry	OrganicChem	48	108	156
	Polymers	22	109	131
	Pharmaceuticals/Cosmetics	41	77	118
	Biotechnology	59	30	89
	Agric&Foods	2	18	20
	PetrolChem/MaterialsChem	16	55	71
	SurfaceTechn	16	44	60
	Materials	35	68	103
ProcEng	ChemEngineering	21	49	70
	Matprocessing/Textiles/Paper	18	111	129
	Handl/Printing	8	119	127
	Agric&FoodProcess-Machines	4	5	9
	Environment	7	25	32
MechEng	MachineTools	13	58	71
	Motors	13	143	156
	ThermProcesses	5	37	42
	MechElements	13	117	130
	Transportation	22	169	191
ConsConst	ConsGoods	6	74	80
	ConstrTechn	3	20	23
Total		625	2,681	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	15.2%	84.8%	100%	283
	Audiovisual	14.2%	85.8%	100%	162
	Telecom	13.3%	86.7%	100%	195
	IT	12.6%	87.4%	100%	167
	Semiconductors	23.6%	76.4%	100%	144
Instruments	Optical	15.9%	84.1%	100%	157
	Analysis/Measurement/ControlTech	22.8%	77.2%	100%	246
	MedicalTechn	13.1%	86.9%	100%	130
	NuclearTechn	57.1%	42.9%	100%	14
Chemistry	OrganicChem	30.8%	69.2%	100%	156
	Polymers	16.8%	83.2%	100%	131
	Pharmaceuticals/Cosmetics	34.7%	65.3%	100%	118
	Biotechnology	66.3%	33.7%	100%	89
	Agric&Foods	10.0%	90.0%	100%	20
	PetrolChem/MaterialsChem	22.5%	77.5%	100%	71
	SurfaceTechn	26.7%	73.3%	100%	60
	Materials	34.0%	66.0%	100%	103
ProcEng	ChemEngineering	30.0%	70.0%	100%	70
	Matprocessing/Textiles/Paper	14.0%	86.0%	100%	129
	Handl/Printing	6.3%	93.7%	100%	127
	Agric&FoodProcess-Machines	44.4%	55.6%	100%	9
	Environment	21.9%	78.1%	100%	32
MechEng	MachineTools	18.3%	81.7%	100%	71
	Motors	8.3%	91.7%	100%	156
	ThermProcesses	11.9%	88.1%	100%	42
	MechElements	10.0%	90.0%	100%	130
	Transportation	11.5%	88.5%	100%	191
ConsConst	ConsGoods	7.5%	92.5%	100%	80
	ConstrTechn	13.0%	87.0%	100%	23
All		18.9%	81.1%	100%	3,306

C28 (C27で「はい」を選択した回答者のみ)
学術論文の発表件数

		N	min	median	max	mean	sd
ElecEng	Electr/Energy	42	0	2	20	3.48	4.19
	Audiovisual	23	0	1	20	3.30	4.52
	Telecom	25	0	1	10	2.08	2.12
	IT	21	1	2	4	2.05	1.12
	Semiconductors	34	0	2	30	3.26	5.26
Instruments	Optical	24	1	2	20	3.38	4.20
	Analysis/Measurement/ControlTech	55	0	2	20	2.49	3.15
	MedicalTechn	16	0	2.5	11	3.38	3.67
	NuclearTechn	8	1	3	10	4.00	2.93
Chemistry	OrganicChem	47	1	2	50	5.09	9.90
	Polymers	22	0	1	4	1.55	1.18
	Pharmaceuticals/Cosmetics	41	1	3	100	7.29	16.24
	Biotechnology	54	0	2	25	3.83	5.51
	Agric&Foods	2	1	1	1	1.00	0.00
	PetrolChem/MaterialsChem	16	0	1	5	1.88	1.50
	SurfaceTechn	16	0	2.5	20	4.19	5.33
	Materials	35	0	2	20	3.23	3.83
ProcEng	ChemEngineering	21	0	2	50	4.52	10.56
	Matprocessing/Textiles/Paper	17	0	1	8	2.35	2.37
	Handl/Printing	8	0	1	10	2.38	3.20
	Agric&FoodProcess-Machines	4	0	3	9	3.75	4.11
	Environment	7	1	3	10	3.86	3.18
MechEng	MachineTools	13	0	1	11	2.15	2.94
	Motors	12	1	1	6	2.08	1.73
	ThermProcesses	5	1	1	3	1.80	1.10
	MechElements	12	0	1	5	1.75	1.42
	Transportation	22	0	1	3	1.45	0.96
ConsConst	ConsGoods	7	0	1	3	1.14	1.35
	ConstrTechn	3	1	3	10	4.67	4.73
All		612	0	2	100	3.36	6.41

C29 (C23bで1以上を選択した回答者のみ)

他者の科学研究を学ぶ手段として、以下の方法の重要性
科学論文の全文を読む

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	33	31	63	34	39	18	5	223
	Audiovisual	12	16	25	23	19	20	0	115
	Telecom	25	24	37	17	25	18	2	148
	IT	23	17	22	14	17	14	0	107
	Semiconductors	10	18	27	18	36	10	1	120
Instruments	Optical	14	22	31	22	25	13	2	129
	Analysis/Masurement/ControlTech	24	29	42	25	46	26	2	194
	MedicalTechn	14	14	32	14	12	17	3	106
	NuclearTechn	1	1	3	1	5	0	0	11
Chemistry	OrganicChem	3	12	36	32	64	0	2	149
	Polymers	8	20	34	21	23	11	3	120
	Pharmaceuticals/Cosmetics	2	4	28	20	51	1	1	107
	Biotechnology	3	5	10	18	42	2	2	82
	Agric&Foods	4	3	4	7	0	0	1	19
	PetrolChem/MaterialsChem	5	13	22	11	14	2	1	68
	SurfaceTechn	4	13	13	7	16	1	1	55
	Materials	5	4	24	16	28	9	0	86
	ChemEngineering	4	4	21	12	17	5	0	63
ProcEng	Matprocessing/Textiles/Paper	14	16	19	12	24	17	3	105
	Handl/Printing	15	19	19	8	6	18	0	85
	Agric&FoodProcess-Machines	2	0	0	0	2	2	1	7
	Environment	3	4	7	4	8	0	0	26
	MachineTools	10	8	7	5	4	11	1	46
MechEng	Motors	24	13	28	14	16	16	2	113
	ThermProcesses	7	7	7	5	0	10	0	36
	MechElements	17	8	24	12	3	18	2	84
	Transportation	24	21	21	15	8	29	4	122
	ConsGoods	10	7	13	6	2	8	0	46
ConsConst	ConstrTechn	4	3	5	0	0	4	0	16
Total		324	356	624	393	552	300	39	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	15.1%	14.2%	28.9%	15.6%	17.9%	100%	218
	Audiovisual	10.4%	13.9%	21.7%	20.0%	16.5%	100%	115
	Telecom	17.1%	16.4%	25.3%	11.6%	17.1%	100%	146
	IT	21.5%	15.9%	20.6%	13.1%	15.9%	100%	107
	Semiconductors	8.4%	15.1%	22.7%	15.1%	30.3%	100%	119
Instruments	Optical	11.0%	17.3%	24.4%	17.3%	19.7%	100%	127
	Analysis/Masurement/ControlTech	12.5%	15.1%	21.9%	13.0%	24.0%	100%	192
	MedicalTechn	13.6%	13.6%	31.1%	13.6%	11.7%	100%	103
	NuclearTechn	9.1%	9.1%	27.3%	9.1%	45.5%	100%	11
Chemistry	OrganicChem	2.0%	8.2%	24.5%	21.8%	43.5%	100%	147
	Polymers	6.8%	17.1%	29.1%	17.9%	19.7%	100%	117
	Pharmaceuticals/Cosmetics	1.9%	3.8%	26.4%	18.9%	48.1%	100%	106
	Biotechnology	3.8%	6.3%	12.5%	22.5%	52.5%	100%	80
	Agric&Foods	22.2%	16.7%	22.2%	38.9%	0.0%	100%	18
	PetrolChem/MaterialsChem	7.5%	19.4%	32.8%	16.4%	20.9%	100%	67
	SurfaceTechn	7.4%	24.1%	24.1%	13.0%	29.6%	100%	54
	Materials	5.8%	4.7%	27.9%	18.6%	32.6%	100%	86
	ChemEngineering	6.3%	6.3%	33.3%	19.0%	27.0%	100%	63
ProcEng	Matprocessing/Textiles/Paper	13.7%	15.7%	18.6%	11.8%	23.5%	100%	102
	Handl/Printing	17.6%	22.4%	22.4%	9.4%	7.1%	100%	85
	Agric&FoodProcess-Machines	33.3%	0.0%	0.0%	0.0%	33.3%	100%	6
	Environment	11.5%	15.4%	26.9%	15.4%	30.8%	100%	26
	MachineTools	22.2%	17.8%	15.6%	11.1%	8.9%	100%	45
MechEng	Motors	21.6%	11.7%	25.2%	12.6%	14.4%	100%	111
	ThermProcesses	19.4%	19.4%	19.4%	13.9%	0.0%	100%	36
	MechElements	20.7%	9.8%	29.3%	14.6%	3.7%	100%	82
	Transportation	20.3%	17.8%	17.8%	12.7%	6.8%	100%	118
	ConsGoods	21.7%	15.2%	28.3%	13.0%	4.3%	100%	46
ConsConst	ConstrTechn	25.0%	18.8%	31.3%	0.0%	0.0%	100%	16
All		12.7%	14.0%	24.5%	15.4%	21.7%	100%	2549

C29 (C23bで1以上を選択した回答者のみ)

他者の科学研究を学ぶ手段として、以下の方法の重要性
科学論文の要約や論考部分のみを読む

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	18	31	48	69	43	13	1	223
	Audiovisual	9	11	32	29	19	15	0	115
	Telecom	17	15	31	39	31	13	2	148
	IT	19	9	19	25	23	9	3	107
	Semiconductors	6	13	36	28	30	6	1	120
Instruments	Optical	8	16	31	27	33	12	2	129
	Analysis/Measurement/ControlTech	16	23	46	41	40	26	2	194
	MedicalTechn	10	23	27	20	7	15	4	106
	NuclearTechn	0	0	2	4	5	0	0	11
Chemistry	OrganicChem	2	10	24	41	67	4	1	149
	Polymers	6	7	43	26	28	7	3	120
	Pharmaceuticals/Cosmetics	1	5	20	28	49	2	2	107
	Biotechnology	2	3	13	23	39	1	1	82
	Agric&Foods	1	2	5	5	5	0	1	19
	PetrolChem/MaterialsChem	3	6	22	21	12	4	0	68
	SurfaceTechn	4	8	13	12	16	1	1	55
	Materials	5	4	18	19	31	7	2	86
	ChemEngineering	3	7	17	14	17	5	0	63
ProcEng	Matprocessing/Textiles/Paper	11	8	27	17	22	17	3	105
	Handl/Printing	13	13	25	12	4	18	0	85
	Agric&FoodProcess-Machines	1	0	2	0	2	2	0	7
	Environment	3	4	5	5	9	0	0	26
	MachineTools	7	5	12	4	8	8	2	46
MechEng	Motors	15	11	26	21	26	12	2	113
	ThermProcesses	6	5	8	5	4	8	0	36
	MechElements	11	9	18	18	14	13	1	84
	Transportation	18	16	22	24	15	24	3	122
	ConsGoods	6	7	12	12	2	7	0	46
ConsConst	ConstrTechn	3	2	5	0	2	4	0	16
Total		224	273	609	589	603	253	37	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	8.1%	14.0%	21.6%	31.1%	19.4%	100%	222
	Audiovisual	7.8%	9.6%	27.8%	25.2%	16.5%	100%	115
	Telecom	11.6%	10.3%	21.2%	26.7%	21.2%	100%	146
	IT	18.3%	8.7%	18.3%	24.0%	22.1%	100%	104
	Semiconductors	5.0%	10.9%	30.3%	23.5%	25.2%	100%	119
Instruments	Optical	6.3%	12.6%	24.4%	21.3%	26.0%	100%	127
	Analysis/Measurement/ControlTech	8.3%	12.0%	24.0%	21.4%	20.8%	100%	192
	MedicalTechn	9.8%	22.5%	26.5%	19.6%	6.9%	100%	102
	NuclearTechn	0.0%	0.0%	18.2%	36.4%	45.5%	100%	11
Chemistry	OrganicChem	1.4%	6.8%	16.2%	27.7%	45.3%	100%	148
	Polymers	5.1%	6.0%	36.8%	22.2%	23.9%	100%	117
	Pharmaceuticals/Cosmetics	1.0%	4.8%	19.0%	26.7%	46.7%	100%	105
	Biotechnology	2.5%	3.7%	16.0%	28.4%	48.1%	100%	81
	Agric&Foods	5.6%	11.1%	27.8%	27.8%	27.8%	100%	18
	PetrolChem/MaterialsChem	4.4%	8.8%	32.4%	30.9%	17.6%	100%	68
	SurfaceTechn	7.4%	14.8%	24.1%	22.2%	29.6%	100%	54
	Materials	6.0%	4.8%	21.4%	22.6%	36.9%	100%	84
	ChemEngineering	4.8%	11.1%	27.0%	22.2%	27.0%	100%	63
ProcEng	Matprocessing/Textiles/Paper	10.8%	7.8%	26.5%	16.7%	21.6%	100%	102
	Handl/Printing	15.3%	15.3%	29.4%	14.1%	4.7%	100%	85
	Agric&FoodProcess-Machines	14.3%	0.0%	28.6%	0.0%	28.6%	100%	7
	Environment	11.5%	15.4%	19.2%	19.2%	34.6%	100%	26
	MachineTools	15.9%	11.4%	27.3%	9.1%	18.2%	100%	44
MechEng	Motors	13.5%	9.9%	23.4%	18.9%	23.4%	100%	111
	ThermProcesses	16.7%	13.9%	22.2%	13.9%	11.1%	100%	36
	MechElements	13.3%	10.8%	21.7%	21.7%	16.9%	100%	83
	Transportation	15.1%	13.4%	18.5%	20.2%	12.6%	100%	119
ConsConst	ConsGoods	13.0%	15.2%	26.1%	26.1%	4.3%	100%	46
	ConstrTechn	18.8%	12.5%	31.3%	0.0%	12.5%	100%	16
All		8.8%	10.7%	23.9%	23.1%	23.6%	100%	2551

C29 (C23bで1以上を選択した回答者のみ)

他者の科学研究を学ぶ手段として、以下の方法の重要性
筆者・論文の研究者との直接的意見交換

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	29	31	32	39	35	52	5	223
	Audiovisual	7	13	20	22	12	40	1	115
	Telecom	23	18	27	23	13	40	4	148
	IT	18	5	15	22	7	38	2	107
	Semiconductors	11	14	17	18	20	38	2	120
Instruments	Optical	10	18	21	15	22	41	2	129
	Analysis/Masurement/ControlTech	22	19	39	28	27	55	4	194
	MedicalTechn	11	11	21	16	10	33	4	106
	NuclearTechn	1	2	2	3	2	1	0	11
Chemistry	OrganicChem	8	11	23	18	31	54	4	149
	Polymers	16	13	29	17	12	29	4	120
	Pharmaceuticals/Cosmetics	3	12	17	18	27	27	3	107
	Biotechnology	4	7	16	15	22	14	4	82
	Agric&Foods	1	5	6	3	0	3	1	19
	PetrolChem/MaterialsChem	9	9	13	8	12	16	1	68
	SurfaceTechn	8	2	8	13	8	15	1	55
	Materials	5	6	21	13	17	23	1	86
	ChemEngineering	6	9	15	9	9	15	0	63
ProcEng	Matprocessing/Textiles/Paper	11	9	15	16	10	39	5	105
	Handl/Printing	15	12	18	8	5	26	1	85
	Agric&FoodProcess-Machines	1	0	1	1	1	2	1	7
	Environment	3	4	7	4	6	2	0	26
	MachineTools	11	6	4	3	3	16	3	46
MechEng	Motors	21	9	22	11	9	37	4	113
	ThermProcesses	10	3	4	4	1	14	0	36
	MechElements	9	11	13	14	6	30	1	84
	Transportation	18	23	15	10	10	41	5	122
	ConsGoods	9	8	7	3	1	18	0	46
ConsConst	ConstrTechn	4	2	1	0	3	6	0	16
Total		304	292	449	374	341	765	63	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	13.3%	14.2%	14.7%	17.9%	16.1%	100%	218
	Audiovisual	6.1%	11.4%	17.5%	19.3%	10.5%	100%	114
	Telecom	16.0%	12.5%	18.8%	16.0%	9.0%	100%	144
	IT	17.1%	4.8%	14.3%	21.0%	6.7%	100%	105
	Semiconductors	9.3%	11.9%	14.4%	15.3%	16.9%	100%	118
Instruments	Optical	7.9%	14.2%	16.5%	11.8%	17.3%	100%	127
	Analysis/Masurement/ControlTech	11.6%	10.0%	20.5%	14.7%	14.2%	100%	190
	MedicalTechn	10.8%	10.8%	20.6%	15.7%	9.8%	100%	102
	NuclearTechn	9.1%	18.2%	18.2%	27.3%	18.2%	100%	11
Chemistry	OrganicChem	5.5%	7.6%	15.9%	12.4%	21.4%	100%	145
	Polymers	13.8%	11.2%	25.0%	14.7%	10.3%	100%	116
	Pharmaceuticals/Cosmetics	2.9%	11.5%	16.3%	17.3%	26.0%	100%	104
	Biotechnology	5.1%	9.0%	20.5%	19.2%	28.2%	100%	78
	Agric&Foods	5.6%	27.8%	33.3%	16.7%	0.0%	100%	18
	PetrolChem/MaterialsChem	13.4%	13.4%	19.4%	11.9%	17.9%	100%	67
	SurfaceTechn	14.8%	3.7%	14.8%	24.1%	14.8%	100%	54
	Materials	5.9%	7.1%	24.7%	15.3%	20.0%	100%	85
	ChemEngineering	9.5%	14.3%	23.8%	14.3%	14.3%	100%	63
ProcEng	Matprocessing/Textiles/Paper	11.0%	9.0%	15.0%	16.0%	10.0%	100%	100
	Handl/Printing	17.9%	14.3%	21.4%	9.5%	6.0%	100%	84
	Agric&FoodProcess-Machines	16.7%	0.0%	16.7%	16.7%	16.7%	100%	6
	Environment	11.5%	15.4%	26.9%	15.4%	23.1%	100%	26
	MachineTools	25.6%	14.0%	9.3%	7.0%	7.0%	100%	43
MechEng	Motors	19.3%	8.3%	20.2%	10.1%	8.3%	100%	109
	ThermProcesses	27.8%	8.3%	11.1%	11.1%	2.8%	100%	36
	MechElements	10.8%	13.3%	15.7%	16.9%	7.2%	100%	83
	Transportation	15.4%	19.7%	12.8%	8.5%	8.5%	100%	117
ConsConst	ConsGoods	19.6%	17.4%	15.2%	6.5%	2.2%	100%	46
	ConstrTechn	25.0%	12.5%	6.3%	0.0%	18.8%	100%	16
All		12.0%	11.6%	17.8%	14.8%	13.5%	100%	2525

C29 (C23bで1以上を選択した回答者のみ)

他者の科学研究を学ぶ手段として、以下の方法の重要性
貴方が所属する組織の同僚たち

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	8	17	43	69	76	6	4	223
	Audiovisual	5	9	22	39	37	3	0	115
	Telecom	3	7	30	46	52	9	1	148
	IT	12	9	19	20	42	3	2	107
	Semiconductors	3	4	21	38	44	8	2	120
Instruments	Optical	4	7	28	41	44	4	1	129
	Analysis/Masurement/ControlTech	11	17	44	46	60	12	4	194
	MedicalTechn	4	9	30	23	32	5	3	106
	NuclearTechn	2	1	2	2	3	0	1	11
Chemistry	OrganicChem	1	5	26	42	66	6	3	149
	Polymers	2	10	28	35	39	3	3	120
	Pharmaceuticals/Cosmetics	3	6	15	27	49	6	1	107
	Biotechnology	4	6	19	28	21	1	3	82
	Agric&Foods	1	0	4	5	8	0	1	19
	PetrolChem/MaterialsChem	3	3	18	14	28	1	1	68
	SurfaceTechn	2	6	11	14	20	2	0	55
	Materials	2	5	21	28	27	2	1	86
	ChemEngineering	1	7	13	20	20	2	0	63
ProcEng	Matprocessing/Textiles/Paper	4	6	21	35	35	2	2	105
	Handl/Printing	2	6	16	21	38	2	0	85
	Agric&FoodProcess-Machines	1	0	1	1	3	1	0	7
	Environment	2	3	5	8	8	0	0	26
	MachineTools	3	3	14	8	12	4	2	46
MechEng	Motors	7	3	17	30	47	5	4	113
	ThermProcesses	0	0	12	9	12	3	0	36
	MechElements	3	3	17	24	28	7	2	84
	Transportation	4	6	15	40	47	6	4	122
	ConsGoods	3	5	11	9	15	3	0	46
ConsConst	ConstrTechn	1	2	5	0	4	4	0	16
Total		101	165	528	722	917	110	45	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.7%	7.8%	19.6%	31.5%	34.7%	100%	219
	Audiovisual	4.3%	7.8%	19.1%	33.9%	32.2%	100%	115
	Telecom	2.0%	4.8%	20.4%	31.3%	35.4%	100%	147
	IT	11.4%	8.6%	18.1%	19.0%	40.0%	100%	105
	Semiconductors	2.5%	3.4%	17.8%	32.2%	37.3%	100%	118
Instruments	Optical	3.1%	5.5%	21.9%	32.0%	34.4%	100%	128
	Analysis/Masurement/ControlTech	5.8%	8.9%	23.2%	24.2%	31.6%	100%	190
	MedicalTechn	3.9%	8.7%	29.1%	22.3%	31.1%	100%	103
	NuclearTechn	20.0%	10.0%	20.0%	20.0%	30.0%	100%	10
Chemistry	OrganicChem	0.7%	3.4%	17.8%	28.8%	45.2%	100%	146
	Polymers	1.7%	8.5%	23.9%	29.9%	33.3%	100%	117
	Pharmaceuticals/Cosmetics	2.8%	5.7%	14.2%	25.5%	46.2%	100%	106
	Biotechnology	5.1%	7.6%	24.1%	35.4%	26.6%	100%	79
	Agric&Foods	5.6%	0.0%	22.2%	27.8%	44.4%	100%	18
	PetrolChem/MaterialsChem	4.5%	4.5%	26.9%	20.9%	41.8%	100%	67
	SurfaceTechn	3.6%	10.9%	20.0%	25.5%	36.4%	100%	55
	Materials	2.4%	5.9%	24.7%	32.9%	31.8%	100%	85
	ChemEngineering	1.6%	11.1%	20.6%	31.7%	31.7%	100%	63
ProcEng	Matprocessing/Textiles/Paper	3.9%	5.8%	20.4%	34.0%	34.0%	100%	103
	Handl/Printing	2.4%	7.1%	18.8%	24.7%	44.7%	100%	85
	Agric&FoodProcess-Machines	14.3%	0.0%	14.3%	14.3%	42.9%	100%	7
	Environment	7.7%	11.5%	19.2%	30.8%	30.8%	100%	26
	MachineTools	6.8%	6.8%	31.8%	18.2%	27.3%	100%	44
MechEng	Motors	6.4%	2.8%	15.6%	27.5%	43.1%	100%	109
	ThermProcesses	0.0%	0.0%	33.3%	25.0%	33.3%	100%	36
	MechElements	3.7%	3.7%	20.7%	29.3%	34.1%	100%	82
	Transportation	3.4%	5.1%	12.7%	33.9%	39.8%	100%	118
	ConsGoods	6.5%	10.9%	23.9%	19.6%	32.6%	100%	46
ConsConst	ConstrTechn	6.3%	12.5%	31.3%	0.0%	25.0%	100%	16
All		4.0%	6.5%	20.8%	28.4%	36.1%	100%	2543

C29 (C23bで1以上を選択した回答者のみ)
 他者の科学研究を学ぶ手段として、以下の方法の重要性
 貴方が所属する組織の外の同僚たち

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	24	35	48	43	32	38	3	223
	Audiovisual	8	11	22	24	16	34	0	115
	Telecom	19	21	31	26	12	35	4	148
	IT	15	10	24	20	8	27	3	107
	Semiconductors	8	15	23	21	19	31	3	120
Instruments	Optical	15	11	34	21	20	26	2	129
	Analysis/Masurement/ControlTech	24	13	45	43	28	38	3	194
	MedicalTechn	11	15	26	16	12	22	4	106
	NuclearTechn	4	0	3	1	1	1	1	11
Chemistry	OrganicChem	8	18	28	30	27	34	4	149
	Polymers	11	19	35	23	13	15	4	120
	Pharmaceuticals/Cosmetics	7	10	22	21	20	25	2	107
	Biotechnology	8	13	16	18	11	11	5	82
	Agric&Foods	1	3	5	5	2	2	1	19
	PetrolChem/MaterialsChem	6	12	17	10	8	13	2	68
	SurfaceTechn	4	7	13	12	8	10	1	55
	Materials	4	10	26	14	10	19	3	86
	ChemEngineering	4	10	13	13	14	8	1	63
ProcEng	Matprocessing/Textiles/Paper	10	13	28	21	13	15	5	105
	Handl/Printing	8	18	18	7	16	18	0	85
	Agric&FoodProcess-Machines	2	1	0	0	2	1	1	7
	Environment	1	4	11	3	5	2	0	26
	MachineTools	6	6	10	8	3	11	2	46
MechEng	Motors	13	9	19	25	16	27	4	113
	ThermProcesses	5	5	11	4	4	6	1	36
	MechElements	10	7	15	19	15	17	1	84
	Transportation	8	18	21	27	25	19	4	122
	ConsGoods	6	8	12	9	3	8	0	46
ConsConst	ConstrTechn	1	2	4	2	3	4	0	16
Total		251	324	580	486	366	517	64	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	10.9%	15.9%	21.8%	19.5%	14.5%	100%	220
	Audiovisual	7.0%	9.6%	19.1%	20.9%	13.9%	100%	115
	Telecom	13.2%	14.6%	21.5%	18.1%	8.3%	100%	144
	IT	14.4%	9.6%	23.1%	19.2%	7.7%	100%	104
	Semiconductors	6.8%	12.8%	19.7%	17.9%	16.2%	100%	117
Instruments	Optical	11.8%	8.7%	26.8%	16.5%	15.7%	100%	127
	Analysis/Masurement/ControlTech	12.6%	6.8%	23.6%	22.5%	14.7%	100%	191
	MedicalTechn	10.8%	14.7%	25.5%	15.7%	11.8%	100%	102
	NuclearTechn	40.0%	0.0%	30.0%	10.0%	10.0%	100%	10
Chemistry	OrganicChem	5.5%	12.4%	19.3%	20.7%	18.6%	100%	145
	Polymers	9.5%	16.4%	30.2%	19.8%	11.2%	100%	116
	Pharmaceuticals/Cosmetics	6.7%	9.5%	21.0%	20.0%	19.0%	100%	105
	Biotechnology	10.4%	16.9%	20.8%	23.4%	14.3%	100%	77
	Agric&Foods	5.6%	16.7%	27.8%	27.8%	11.1%	100%	18
	PetrolChem/MaterialsChem	9.1%	18.2%	25.8%	15.2%	12.1%	100%	66
	SurfaceTechn	7.4%	13.0%	24.1%	22.2%	14.8%	100%	54
	Materials	4.8%	12.0%	31.3%	16.9%	12.0%	100%	83
	ChemEngineering	6.5%	16.1%	21.0%	21.0%	22.6%	100%	62
ProcEng	Matprocessing/Textiles/Paper	10.0%	13.0%	28.0%	21.0%	13.0%	100%	100
	Handl/Printing	9.4%	21.2%	21.2%	8.2%	18.8%	100%	85
	Agric&FoodProcess-Machines	33.3%	16.7%	0.0%	0.0%	33.3%	100%	6
	Environment	3.8%	15.4%	42.3%	11.5%	19.2%	100%	26
	MachineTools	13.6%	13.6%	22.7%	18.2%	6.8%	100%	44
MechEng	Motors	11.9%	8.3%	17.4%	22.9%	14.7%	100%	109
	ThermProcesses	14.3%	14.3%	31.4%	11.4%	11.4%	100%	35
	MechElements	12.0%	8.4%	18.1%	22.9%	18.1%	100%	83
	Transportation	6.8%	15.3%	17.8%	22.9%	21.2%	100%	118
	ConsGoods	13.0%	17.4%	26.1%	19.6%	6.5%	100%	46
ConsConst	ConstrTechn	6.3%	12.5%	25.0%	12.5%	18.8%	100%	16
All		9.9%	12.8%	23.0%	19.3%	14.5%	100%	2524

C29 (C23bで1以上を選択した回答者のみ)
他者の科学研究を学ぶ手段として、以下の方法の重要性

その他

		重要でない					非常に重要である		
		1	2	3	4	5	この情報は利用しなかった	無回答	Total
ElecEng	Electr/Energy	7	0	3	2	1	52	158	223
	Audiovisual	2	0	1	1	0	29	82	115
	Telecom	10	0	0	1	1	28	108	148
	IT	9	0	2	0	0	30	66	107
	Semiconductors	5	0	2	0	3	14	96	120
Instruments	Optical	3	0	0	1	0	21	104	129
	Analysis/Masurement/ControlTech	12	0	2	1	2	46	131	194
	MedicalTechn	9	0	1	0	2	21	73	106
	NuclearTechn	0	0	0	0	1	0	10	11
Chemistry	OrganicChem	4	0	0	0	2	33	110	149
	Polymers	1	0	1	0	0	17	101	120
	Pharmaceuticals/Cosmetics	3	0	1	0	0	22	81	107
	Biotechnology	5	1	0	0	0	13	63	82
	Agric&Foods	0	0	0	0	0	5	14	19
	PetrolChem/MaterialsChem	1	0	2	0	0	14	51	68
	SurfaceTechn	1	0	0	0	1	10	43	55
	Materials	1	1	1	1	2	11	69	86
	ChemEngineering	1	0	0	0	0	14	48	63
ProcEng	Matprocessing/Textiles/Paper	1	0	0	0	2	19	83	105
	Handl/Printing	4	0	0	0	1	19	61	85
	Agric&FoodProcess-Machines	0	0	0	0	0	2	5	7
	Environment	0	0	0	0	0	3	23	26
	MachineTools	2	0	1	0	0	14	29	46
MechEng	Motors	4	0	2	0	0	25	82	113
	ThermProcesses	4	0	0	0	0	9	23	36
	MechElements	4	0	1	0	3	17	59	84
	Transportation	7	0	0	1	4	22	88	122
	ConsGoods	2	0	2	0	1	10	31	46
ConsConst	ConstrTechn	0	0	0	0	0	2	14	16
Total		102	2	22	8	26	522	1906	2588

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	10.8%	0.0%	4.6%	3.1%	1.5%	100%	65
	Audiovisual	6.1%	0.0%	3.0%	3.0%	0.0%	100%	33
	Telecom	25.0%	0.0%	0.0%	2.5%	2.5%	100%	40
	IT	22.0%	0.0%	4.9%	0.0%	0.0%	100%	41
	Semiconductors	20.8%	0.0%	8.3%	0.0%	12.5%	100%	24
Instruments	Optical	12.0%	0.0%	0.0%	4.0%	0.0%	100%	25
	Analysis/Masurement/ControlTech	19.0%	0.0%	3.2%	1.6%	3.2%	100%	63
	MedicalTechn	27.3%	0.0%	3.0%	0.0%	6.1%	100%	33
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	100.0%	100%	1
Chemistry	OrganicChem	10.3%	0.0%	0.0%	0.0%	5.1%	100%	39
	Polymers	5.3%	0.0%	5.3%	0.0%	0.0%	100%	19
	Pharmaceuticals/Cosmetics	11.5%	0.0%	3.8%	0.0%	0.0%	100%	26
	Biotechnology	26.3%	5.3%	0.0%	0.0%	0.0%	100%	19
	Agric&Foods	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	PetrolChem/MaterialsChem	5.9%	0.0%	11.8%	0.0%	0.0%	100%	17
	SurfaceTechn	8.3%	0.0%	0.0%	0.0%	8.3%	100%	12
	Materials	5.9%	5.9%	5.9%	5.9%	11.8%	100%	17
	ChemEngineering	6.7%	0.0%	0.0%	0.0%	0.0%	100%	15
ProcEng	Matprocessing/Textiles/Paper	4.5%	0.0%	0.0%	0.0%	9.1%	100%	22
	Handl/Printing	16.7%	0.0%	0.0%	0.0%	4.2%	100%	24
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	Environment	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
	MachineTools	11.8%	0.0%	5.9%	0.0%	0.0%	100%	17
MechEng	Motors	12.9%	0.0%	6.5%	0.0%	0.0%	100%	31
	ThermProcesses	30.8%	0.0%	0.0%	0.0%	0.0%	100%	13
	MechElements	16.0%	0.0%	4.0%	0.0%	12.0%	100%	25
	Transportation	20.6%	0.0%	0.0%	2.9%	11.8%	100%	34
	ConsGoods	13.3%	0.0%	13.3%	0.0%	6.7%	100%	15
ConsConst	ConstrTechn	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
All		15.0%	0.3%	3.2%	1.2%	3.8%	100%	682

		before 199	1991-1995	1996-2000	2001	2002	2003	2004	2005	after 2006	無回答	Total
ElecEng	Electr/Energy	6	10	38	22	59	52	47	14	0	35	283
	Audiovisual	4	5	24	14	29	41	23	8	0	14	162
	Telecom	1	5	37	9	32	40	34	8	0	29	195
	IT	2	1	19	19	26	40	24	7	1	28	167
	Semiconductors	2	6	27	13	31	22	21	9	0	13	144
Instruments	Optical	2	6	26	12	23	37	20	10	0	21	157
	Analysis/Measurement/ControlTech	6	10	35	15	48	57	36	9	0	30	246
	MedicalTechn	4	2	22	13	23	28	16	4	1	17	130
	NuclearTechn	1	0	5	1	1	2	0	2	1	1	14
Chemistry	OrganicChem	5	8	35	16	24	26	17	5	0	20	156
	Polymers	1	1	22	13	17	35	19	2	1	20	131
	Pharmaceuticals/Cosmetics	4	9	15	15	21	26	10	2	0	16	118
	Biotechnology	0	8	20	7	14	16	5	2	1	16	89
	Agric&Foods	1	0	3	1	4	8	2	0	0	1	20
	PetrolChem/MaterialsChem	1	3	12	6	12	15	10	4	0	8	71
	SurfaceTechn	4	1	10	5	12	13	5	1	1	8	60
	Materials	3	4	28	9	17	21	8	2	0	11	103
ProcEng	ChemEngineering	2	2	15	6	13	17	10	1	0	4	70
	Matprocessing/Textiles/Paper	1	3	27	9	14	28	22	8	0	17	129
	Handl/Printing	1	2	18	11	25	24	25	5	0	16	127
	Agric&FoodProcess-Machines	0	0	1	1	1	2	2	0	0	1	9
	Environment	0	0	10	2	6	9	2	1	1	1	32
MechEng	MachineTools	1	3	12	10	11	10	12	5	0	7	71
	Motors	3	0	28	17	34	24	20	6	1	23	156
	ThermProcesses	1	1	6	2	4	13	6	1	0	8	42
	MechElements	4	4	19	16	24	22	17	7	0	17	130
	Transportation	2	8	27	20	26	38	28	13	0	29	191
ConsConst	ConsGoods	2	2	15	2	12	24	5	3	0	15	80
	ConstrTechn	0	0	2	2	4	7	0	2	0	6	23
Total		64	104	558	288	567	696	446	143	8	432	3306

		before 199	1991-1995	1996-2000	2001	2002	2003	2004	2005	after 2006	Total	N
ElecEng	Electr/Energy	2.42%	4.03%	15.32%	8.87%	23.79%	20.97%	18.95%	5.65%	0.00%	100%	248
	Audiovisual	2.70%	3.38%	16.22%	9.46%	19.59%	27.70%	15.54%	5.41%	0.00%	100%	148
	Telecom	0.60%	3.01%	22.29%	5.42%	19.28%	24.10%	20.48%	4.82%	0.00%	100%	166
	IT	1.44%	0.72%	13.67%	13.67%	18.71%	28.78%	17.27%	5.04%	0.72%	100%	139
	Semiconductors	1.53%	4.58%	20.61%	9.92%	23.66%	16.79%	16.03%	6.87%	0.00%	100%	131
Instruments	Optical	1.47%	4.41%	19.12%	8.82%	16.91%	27.21%	14.71%	7.35%	0.00%	100%	136
	Analysis/Measurement/ControlTech	2.78%	4.63%	16.20%	6.94%	22.22%	26.39%	16.67%	4.17%	0.00%	100%	216
	MedicalTechn	3.54%	1.77%	19.47%	11.50%	20.35%	24.78%	14.16%	3.54%	0.88%	100%	113
	NuclearTechn	7.69%	0.00%	38.46%	7.69%	7.69%	15.38%	0.00%	15.38%	7.69%	100%	13
Chemistry	OrganicChem	3.68%	5.88%	25.74%	11.76%	17.65%	19.12%	12.50%	3.68%	0.00%	100%	136
	Polymers	0.90%	0.90%	19.82%	11.71%	15.32%	31.53%	17.12%	1.80%	0.90%	100%	111
	Pharmaceuticals/Cosmetics	3.92%	8.82%	14.71%	14.71%	20.59%	25.49%	9.80%	1.96%	0.00%	100%	102
	Biotechnology	0.00%	10.96%	27.40%	9.59%	19.18%	21.92%	6.85%	2.74%	1.37%	100%	73
	Agric&Foods	5.26%	0.00%	15.79%	5.26%	21.05%	42.11%	10.53%	0.00%	0.00%	100%	19
	PetrolChem/MaterialsChem	1.59%	4.76%	19.05%	9.52%	19.05%	23.81%	15.87%	6.35%	0.00%	100%	63
	SurfaceTechn	7.69%	1.92%	19.23%	9.62%	23.08%	25.00%	9.62%	1.92%	1.92%	100%	52
	Materials	3.26%	4.35%	30.43%	9.78%	18.48%	22.83%	8.70%	2.17%	0.00%	100%	92
ProcEng	ChemEngineering	3.03%	3.03%	22.73%	9.09%	19.70%	25.76%	15.15%	1.52%	0.00%	100%	66
	Matprocessing/Textiles/Paper	0.89%	2.68%	24.11%	8.04%	12.50%	25.00%	19.64%	7.14%	0.00%	100%	112
	Handl/Printing	0.90%	1.80%	16.22%	9.91%	22.52%	21.62%	22.52%	4.50%	0.00%	100%	111
	Agric&FoodProcess-Machines	0.00%	0.00%	12.50%	12.50%	12.50%	12.50%	25.00%	25.00%	0.00%	100%	8
	Environment	0.00%	0.00%	32.26%	6.45%	19.35%	29.03%	6.45%	3.23%	3.23%	100%	31
MechEng	MachineTools	1.56%	4.69%	18.75%	15.63%	17.19%	15.63%	18.75%	7.81%	0.00%	100%	64
	Motors	2.26%	0.00%	21.05%	12.78%	25.56%	18.05%	15.04%	4.51%	0.75%	100%	133
	ThermProcesses	2.94%	2.94%	17.65%	5.88%	11.76%	38.24%	17.65%	2.94%	0.00%	100%	34
	MechElements	3.54%	3.54%	16.81%	14.16%	21.24%	19.47%	15.04%	6.19%	0.00%	100%	113
	Transportation	1.23%	4.94%	16.67%	12.35%	16.05%	23.46%	17.28%	8.02%	0.00%	100%	162
ConsConst	ConsGoods	3.08%	3.08%	23.08%	3.08%	18.46%	36.92%	7.69%	4.62%	0.00%	100%	65
	ConstrTechn	0.00%	0.00%	11.76%	11.76%	23.53%	41.18%	0.00%	11.76%	0.00%	100%	17
All		2.23%	3.62%	19.42%	10.02%	19.73%	24.22%	15.52%	4.98%	0.28%	100%	2,874

		研究は全 然必要な かった	Less than 1 man- month	1-3 man- months	4-6 man- months	7-12 man- months	13-24 man- months	25-48 man- months	49-72 man- months	more than 72 man- months	分からない	無回答	Total
ElecEng	Electr/Energy	5	25	47	43	28	37	24	9	22	40	43	283
	Audiovisual	13	20	32	26	20	8	15	3	5	18	20	162
	Telecom	7	32	49	23	16	11	10	2	9	32	36	195
	IT	15	19	37	17	19	9	11	2	8	30	30	167
	Semiconductors	6	11	23	13	19	22	14	4	15	15	17	144
Instruments	Optical	2	22	22	13	21	23	11	6	9	25	28	157
	Analysis/Measurement/ControlTech	13	35	34	32	27	23	21	8	8	40	45	246
	MedicalTechn	6	14	25	19	10	14	13	4	6	16	19	130
	NuclearTechn	0	0	1	4	1	1	4	1	0	2	2	14
Chemistry	OrganicChem	0	0	17	12	15	23	20	5	30	34	34	156
	Polymers	0	3	26	12	14	23	16	3	10	21	24	131
	Pharmaceuticals/Cosmetics	0	2	11	10	9	15	24	8	8	29	31	118
	Biotechnology	0	3	11	8	7	12	13	4	14	16	17	89
	Agric&Foods	0	0	3	2	5	4	0	2	1	2	3	20
	PetrolChem/MaterialsChem	1	4	11	9	7	11	6	2	4	14	16	71
	Surface Techn	0	2	10	8	7	7	11	2	1	12	12	60
	Materials	0	5	14	9	10	18	9	9	7	20	22	103
	ChemEngineering	1	1	13	3	7	15	10	3	8	9	9	70
ProcEng	Matprocessing/Textiles/Paper	0	8	23	14	13	16	16	2	9	27	28	129
	Handl/Printing	4	17	28	12	10	15	9	4	4	18	24	127
	Agric&FoodProcess-Machines	0	0	3	0	2	1	0	1	0	2	2	9
	Environment	0	2	8	3	3	5	7	0	2	2	2	32
	MachineTools	3	3	18	4	7	5	9	2	10	10	10	71
MechEng	Motors	7	16	32	10	21	11	10	4	13	32	32	156
	ThermProcesses	0	2	9	7	8	3	4	2	1	6	6	42
	MechElements	6	6	36	16	10	15	11	4	8	16	18	130
	Transportation	6	23	38	21	25	17	11	8	6	31	36	191
ConsConst	ConsGoods	4	5	18	8	13	6	9	3	0	14	14	80
	ConstrTechn	2	4	5	3	3	1	0	0	1	4	4	23
Total		101	284	604	361	357	371	318	107	219	537	584	3306

		研究は全 然必要な かった	Less than 1 man- month	1-3 man- months	4-6 man- months	7-12 man- months	13-24 man- months	25-48 man- months	49-72 man- months	more than 72 man- months	Total	N
ElecEng	Electr/Energy	2.08%	10.42%	19.58%	17.92%	11.67%	15.42%	10.00%	3.75%	9.17%	100%	240
	Audiovisual	9.15%	14.08%	22.54%	18.31%	14.08%	5.63%	10.56%	2.11%	3.52%	100%	142
	Telecom	4.40%	20.13%	30.82%	14.47%	10.06%	6.92%	6.29%	1.26%	5.66%	100%	159
	IT	10.95%	13.87%	27.01%	12.41%	13.87%	6.57%	8.03%	1.46%	5.84%	100%	137
	Semiconductors	4.72%	8.66%	18.11%	10.24%	14.96%	17.32%	11.02%	3.15%	11.81%	100%	127
Instruments	Optical	1.55%	17.05%	17.05%	10.08%	16.28%	17.83%	8.53%	4.65%	6.98%	100%	129
	Analysis/Measurement/ControlTech	6.47%	17.41%	16.92%	15.92%	13.43%	11.44%	10.45%	3.98%	3.98%	100%	201
	MedicalTechn	5.41%	12.61%	22.52%	17.12%	9.01%	12.61%	11.71%	3.60%	5.41%	100%	111
	NuclearTechn	0.00%	0.00%	8.33%	33.33%	8.33%	8.33%	33.33%	8.33%	0.00%	100%	12
Chemistry	OrganicChem	0.00%	0.00%	13.93%	9.84%	12.30%	18.85%	16.39%	4.10%	24.59%	100%	122
	Polymers	0.00%	2.80%	24.30%	11.21%	13.08%	21.50%	14.95%	2.80%	9.35%	100%	107
	Pharmaceuticals/Cosmetics	0.00%	2.30%	12.64%	11.49%	10.34%	17.24%	27.59%	9.20%	9.20%	100%	87
	Biotechnology	0.00%	4.17%	15.28%	11.11%	9.72%	16.67%	18.06%	5.56%	19.44%	100%	72
	Agric&Foods	0.00%	0.00%	17.65%	11.76%	29.41%	23.53%	0.00%	11.76%	5.88%	100%	17
	PetrolChem/MaterialsChem	1.82%	7.27%	20.00%	16.36%	12.73%	20.00%	10.91%	3.64%	7.27%	100%	55
	Surface Techn	0.00%	4.17%	20.83%	16.67%	14.58%	14.58%	22.92%	4.17%	2.08%	100%	48
	Materials	0.00%	6.17%	17.28%	11.11%	12.35%	22.22%	11.11%	11.11%	8.64%	100%	81
	ChemEngineering	1.64%	1.64%	21.31%	4.92%	11.48%	24.59%	16.39%	4.92%	13.11%	100%	61
ProcEng	Matprocessing/Textiles/Paper	0.00%	7.92%	22.77%	13.86%	12.87%	15.84%	15.84%	1.98%	8.91%	100%	101
	Handl/Printing	3.88%	16.50%	27.18%	11.65%	9.71%	14.56%	8.74%	3.88%	3.88%	100%	103
	Agric&FoodProcess-Machines	0.00%	0.00%	42.86%	0.00%	28.57%	14.29%	0.00%	14.29%	0.00%	100%	7
	Environment	0.00%	6.67%	26.67%	10.00%	10.00%	16.67%	23.33%	0.00%	6.67%	100%	30
	MachineTools	4.92%	4.92%	29.51%	6.56%	11.48%	8.20%	14.75%	3.28%	16.39%	100%	61
MechEng	Motors	5.65%	12.90%	25.81%	8.06%	16.94%	8.87%	8.06%	3.23%	10.48%	100%	124
	ThermProcesses	0.00%	5.56%	25.00%	19.44%	22.22%	8.33%	11.11%	5.56%	2.78%	100%	36
	MechElements	5.36%	5.36%	32.14%	14.29%	8.93%	13.39%	9.82%	3.57%	7.14%	100%	112
	Transportation	3.87%	14.84%	24.52%	13.55%	16.13%	10.97%	7.10%	5.16%	3.87%	100%	155
ConsConst	ConsGoods	6.06%	7.58%	27.27%	12.12%	19.70%	9.09%	13.64%	4.55%	0.00%	100%	66
	ConstrTechn	10.53%	21.05%	26.32%	15.79%	15.79%	5.26%	0.00%	0.00%	5.26%	100%	19
All		3.71%	10.43%	22.19%	13.26%	13.12%	13.63%	11.68%	3.93%	8.05%	100%	2,722

		特許出願 人の内部 資金	外国政 府・地方 政府の研 究プログ ラム・政府 資金	日本政 府・地方 政府の研 究プログ ラム・政府 資金	当該プロ ジェクト参 加組織か らの資金 供出	顧客・ ユーザー	部品・資 材・装置・ ソフトウェ ア等を供 給するサ プライ	ベン チャー キャピタ ル・民間 投資家か らの資金	銀行借り 入れ	その他	無回答	Total
ElecEng	Electr/Energy	258	0	13	10	4	4	1	2	6	5	283
	Audiovisual	139	0	3	11	5	2	1	2	3	6	162
	Telecom	169	0	4	11	4	2	0	1	8	5	195
	IT	141	0	4	19	6	0	0	0	4	2	167
	Semiconductors	127	0	19	9	3	0	0	3	2	1	144
Instruments	Optical	147	1	9	3	2	0	1	0	2	3	157
	Analysis/Masurement/ControlTech	205	0	11	20	8	2	3	1	4	6	246
	MedicalTechn	116	1	7	7	2	1	0	1	5	2	130
	NuclearTechn	11	0	5	0	0	1	0	0	0	0	14
Chemistry	OrganicChem	138	0	14	6	1	0	1	0	1	3	156
	Polymers	115	0	6	7	2	0	0	0	3	4	131
	Pharmaceuticals/Cosmetics	93	1	15	9	1	2	2	0	3	0	118
	Biotechnology	70	1	26	6	0	0	1	1	1	1	89
	Agric&Foods	18	0	0	0	2	1	0	1	1	1	20
	PetrolChem/MaterialsChem	67	0	2	0	2	2	1	0	2	1	71
	SurfaceTechn	55	0	7	1	3	1	0	0	0	0	60
	Materials	92	0	11	5	7	4	0	0	0	2	103
ProcEng	ChemEngineering	64	0	5	2	1	0	0	0	2	0	70
	Matprocessing/Textiles/Paper	115	0	6	10	2	3	0	1	0	3	129
	Handl/Printing	118	2	0	4	7	0	1	1	2	1	127
	Agric&FoodProcess-Machines	7	0	3	0	0	0	0	0	1	0	9
	Environment	28	0	3	3	2	0	0	2	0	0	32
MechEng	MachineTools	61	0	5	7	4	0	0	0	3	1	71
	Motors	130	0	2	17	9	3	0	2	2	2	156
	ThermProcesses	40	0	0	0	0	0	0	0	2	0	42
	MechElements	122	0	5	5	5	1	0	0	0	1	130
	Transportation	170	0	4	7	7	3	0	0	3	6	191
ConsConst	ConsGoods	70	1	1	5	2	0	0	0	1	2	80
	ConstrTechn	20	0	0	0	1	0	0	0	0	3	23
Total		2906	7	190	184	92	32	12	18	61	61	3306

		特許出願 人の内部 資金	外国政 府・地方 政府の研 究プログ ラム・政府 資金	日本政 府・地方 政府の研 究プログ ラム・政府 資金	当該プロ ジェクト参 加組織か らの資金 供出	顧客・ ユーザー	部品・資 材・装置・ ソフトウェ ア等を供 給するサ プライ	ベン チャー キャピタ ル・民間 投資家か らの資金	銀行借り 入れ	その他	N
ElecEng	Electr/Energy	92.81%	0.00%	4.68%	3.60%	1.44%	1.44%	0.36%	0.72%	2.16%	278
	Audiovisual	89.10%	0.00%	1.92%	7.05%	3.21%	1.28%	0.64%	1.28%	1.92%	156
	Telecom	88.95%	0.00%	2.11%	5.79%	2.11%	1.05%	0.00%	0.53%	4.21%	190
	IT	85.45%	0.00%	2.42%	11.52%	3.64%	0.00%	0.00%	0.00%	2.42%	165
	Semiconductors	88.81%	0.00%	13.29%	6.29%	2.10%	0.00%	0.00%	2.10%	1.40%	143
Instruments	Optical	95.45%	0.65%	5.84%	1.95%	1.30%	0.00%	0.65%	0.00%	1.30%	154
	Analysis/Masurement/ControlTech	85.42%	0.00%	4.58%	8.33%	3.33%	0.83%	1.25%	0.42%	1.67%	240
	MedicalTechn	90.63%	0.78%	5.47%	5.47%	1.56%	0.78%	0.00%	0.78%	3.91%	128
	NuclearTechn	78.57%	0.00%	35.71%	0.00%	0.00%	7.14%	0.00%	0.00%	0.00%	14
Chemistry	OrganicChem	90.20%	0.00%	9.15%	3.92%	0.65%	0.00%	0.65%	0.00%	0.65%	153
	Polymers	90.55%	0.00%	4.72%	5.51%	1.57%	0.00%	0.00%	0.00%	2.36%	127
	Pharmaceuticals/Cosmetics	78.81%	0.85%	12.71%	7.63%	0.85%	1.69%	1.69%	0.00%	2.54%	118
	Biotechnology	79.55%	1.14%	29.55%	6.82%	0.00%	0.00%	1.14%	1.14%	1.14%	88
	Agric&Foods	94.74%	0.00%	0.00%	0.00%	10.53%	5.26%	0.00%	5.26%	5.26%	19
	PetrolChem/MaterialsChem	95.71%	0.00%	2.86%	0.00%	2.86%	2.86%	1.43%	0.00%	2.86%	70
	SurfaceTechn	91.67%	0.00%	11.67%	1.67%	5.00%	1.67%	0.00%	0.00%	0.00%	60
	Materials	91.09%	0.00%	10.89%	4.95%	6.93%	3.96%	0.00%	0.00%	0.00%	101
ProcEng	ChemEngineering	91.43%	0.00%	7.14%	2.86%	1.43%	0.00%	0.00%	0.00%	2.86%	70
	Matprocessing/Textiles/Paper	91.27%	0.00%	4.76%	7.94%	1.59%	2.38%	0.00%	0.79%	0.00%	126
	Handl/Printing	93.65%	1.59%	0.00%	3.17%	5.56%	0.00%	0.79%	0.79%	1.59%	126
	Agric&FoodProcess-Machines	77.78%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	11.11%	9
	Environment	87.50%	0.00%	9.38%	9.38%	6.25%	0.00%	0.00%	6.25%	0.00%	32
MechEng	MachineTools	87.14%	0.00%	7.14%	10.00%	5.71%	0.00%	0.00%	0.00%	4.29%	70
	Motors	84.42%	0.00%	1.30%	11.04%	5.84%	1.95%	0.00%	1.30%	1.30%	154
	ThermProcesses	95.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.76%	42
	MechElements	94.57%	0.00%	3.88%	3.88%	0.00%	0.78%	0.00%	0.00%	0.00%	129
	Transportation	91.89%	0.00%	2.16%	3.78%	3.78%	1.62%	0.00%	0.00%	1.62%	185
ConsConst	ConsGoods	89.74%	1.28%	1.28%	6.41%	2.56%	0.00%	0.00%	0.00%	1.28%	78
	ConstrTechn	100.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%	0.00%	20
All		4763.93%	11.48%	311.48%	301.64%	150.82%	52.46%	19.67%	29.51%	100.00%	3245

		私自身の アイデア	私を含む チームメ ンバー数 人の共同 のアイデ	発明者 チームの 他のメン バー人 のアイデ	チームメ ンバー以 外の人の アイデア	その他	分らない	Total
ElecEng	Electr/Energy	110	149	15	1	2	6	283
	Audiovisual	77	71	9	0	2	3	162
	Telecom	81	99	14	0	0	1	195
	IT	74	81	12	0	0	0	167
	Semiconductors	56	77	6	1	1	3	144
Instruments	Optical	61	89	4	0	0	3	157
	Analysis/Measurement/ControlTech	105	125	10	2	0	4	246
	MedicalTechn	54	65	8	0	2	1	130
	NuclearTechn	2	11	1	0	0	0	14
Chemistry	OrganicChem	40	103	10	0	1	2	156
	Polymers	40	78	7	0	2	4	131
	Pharmaceuticals/Cosmetics	43	59	12	0	3	1	118
	Biotechnology	25	53	7	0	2	2	89
	Agric&Foods	8	11	0	0	0	1	20
	PetrolChem/MaterialsChem	19	43	7	1	0	1	71
	SurfaceTechn	21	32	4	0	2	1	60
	Materials	39	54	6	0	1	3	103
ProcEng	ChemEngineering	21	40	6	1	2	0	70
	Matprocessing/Textiles/Paper	54	68	3	1	1	2	129
	Handl/Printing	49	67	6	0	0	5	127
	Agric&FoodProcess-Machines	3	5	1	0	0	0	9
	Environment	8	24	0	0	0	0	32
MechEng	MachineTools	27	39	4	0	1	0	71
	Motors	52	92	7	0	1	4	156
	ThermProcesses	7	30	3	0	0	2	42
	MechElements	51	74	4	0	1	0	130
	Transportation	73	104	9	0	0	5	191
ConsConst	ConsGoods	39	38	0	0	2	1	80
	ConstrTechn	8	14	1	0	0	0	23
Total		1,247	1,795	176	7	26	55	3,306

		私自身の アイデア	私を含む チームメ ンバー数 人の共同 のアイデ	発明者 チームの 他のメン バー人 のアイデ	チームメ ンバー以 外の人の アイデア	その他	Total	N
ElecEng	Electr/Energy	39.7%	53.8%	5.4%	0.4%	0.7%	100%	277
	Audiovisual	48.4%	44.7%	5.7%	0.0%	1.3%	100%	159
	Telecom	41.8%	51.0%	7.2%	0.0%	0.0%	100%	194
	IT	44.3%	48.5%	7.2%	0.0%	0.0%	100%	167
	Semiconductors	39.7%	54.6%	4.3%	0.7%	0.7%	100%	141
Instruments	Optical	39.6%	57.8%	2.6%	0.0%	0.0%	100%	154
	Analysis/Measurement/ControlTech	43.4%	51.7%	4.1%	0.8%	0.0%	100%	242
	MedicalTechn	41.9%	50.4%	6.2%	0.0%	1.6%	100%	129
	NuclearTechn	14.3%	78.6%	7.1%	0.0%	0.0%	100%	14
Chemistry	OrganicChem	26.0%	66.9%	6.5%	0.0%	0.6%	100%	154
	Polymers	31.5%	61.4%	5.5%	0.0%	1.6%	100%	127
	Pharmaceuticals/Cosmetics	36.8%	50.4%	10.3%	0.0%	2.6%	100%	117
	Biotechnology	28.7%	60.9%	8.0%	0.0%	2.3%	100%	87
	Agric&Foods	42.1%	57.9%	0.0%	0.0%	0.0%	100%	19
	PetrolChem/MaterialsChem	27.1%	61.4%	10.0%	1.4%	0.0%	100%	70
	SurfaceTechn	35.6%	54.2%	6.8%	0.0%	3.4%	100%	59
	Materials	39.0%	54.0%	6.0%	0.0%	1.0%	100%	100
ProcEng	ChemEngineering	30.0%	57.1%	8.6%	1.4%	2.9%	100%	70
	Matprocessing/Textiles/Paper	42.5%	53.5%	2.4%	0.8%	0.8%	100%	127
	Handl/Printing	40.2%	54.9%	4.9%	0.0%	0.0%	100%	122
	Agric&FoodProcess-Machines	33.3%	55.6%	11.1%	0.0%	0.0%	100%	9
	Environment	25.0%	75.0%	0.0%	0.0%	0.0%	100%	32
MechEng	MachineTools	38.0%	54.9%	5.6%	0.0%	1.4%	100%	71
	Motors	34.2%	60.5%	4.6%	0.0%	0.7%	100%	152
	ThermProcesses	17.5%	75.0%	7.5%	0.0%	0.0%	100%	40
	MechElements	39.2%	56.9%	3.1%	0.0%	0.8%	100%	130
	Transportation	39.2%	55.9%	4.8%	0.0%	0.0%	100%	186
ConsConst	ConsGoods	49.4%	48.1%	0.0%	0.0%	2.5%	100%	79
	ConstrTechn	34.8%	60.9%	4.3%	0.0%	0.0%	100%	23
All		38.4%	55.2%	5.4%	0.2%	0.8%	100%	3251

C36 (C35で1,2を選択した回答者のみ)
アイデアの起源(時間)

		勤務時間 中	余暇時間 —仕事を 持ち帰っ ていた	余暇時間	その他	無回答	Total
ElecEng	Electr/Energy	211	29	12	6	1	259
	Audiovisual	128	9	8	3	0	148
	Telecom	156	11	7	6	0	180
	IT	132	10	5	8	0	155
	Semiconductors	113	13	6	1	0	133
Instruments	Optical	125	13	8	4	0	150
	Analysis/Measurement/ControlTech	193	18	15	3	1	230
	MedicalTechn	98	11	6	3	1	119
	NuclearTechn	13	0	0	0	0	13
Chemistry	OrganicChem	127	4	6	4	2	143
	Polymers	104	9	3	1	1	118
	Pharmaceuticals/Cosmetics	83	7	6	6	0	102
	Biotechnology	65	6	2	5	0	78
	Agric&Foods	16	1	2	0	0	19
	PetrolChem/MaterialsChem	52	6	3	0	1	62
	SurfaceTechn	48	2	0	3	0	53
	Materials	73	7	8	5	0	93
ProcEng	ChemEngineering	45	7	8	1	0	61
	Matprocessing/Textiles/Paper	103	14	2	2	1	122
	Handl/Printing	105	4	4	2	1	116
	Agric&FoodProcess-Machines	7	0	1	0	0	8
	Environment	26	1	2	3	0	32
MechEng	MachineTools	48	11	3	2	2	66
	Motors	113	18	8	5	0	144
	ThermProcesses	35	1	1	0	0	37
	MechElements	99	10	8	6	2	125
	Transportation	153	12	8	4	0	177
ConsConst	ConsGoods	54	8	14	1	0	77
	ConstrTechn	15	3	2	2	0	22
Total		2,540	245	158	86	13	3,042

		勤務時間 中	余暇時間 —仕事を 持ち帰っ ていた	余暇時間	その他	Total	N
ElecEng	Electr/Energy	81.8%	11.2%	4.7%	2.3%	100%	258
	Audiovisual	86.5%	6.1%	5.4%	2.0%	100%	148
	Telecom	86.7%	6.1%	3.9%	3.3%	100%	180
	IT	85.2%	6.5%	3.2%	5.2%	100%	155
	Semiconductors	85.0%	9.8%	4.5%	0.8%	100%	133
Instruments	Optical	83.3%	8.7%	5.3%	2.7%	100%	150
	Analysis/Measurement/ControlTech	84.3%	7.9%	6.6%	1.3%	100%	229
	MedicalTechn	83.1%	9.3%	5.1%	2.5%	100%	118
	NuclearTechn	100.0%	0.0%	0.0%	0.0%	100%	13
Chemistry	OrganicChem	90.1%	2.8%	4.3%	2.8%	100%	141
	Polymers	88.9%	7.7%	2.6%	0.9%	100%	117
	Pharmaceuticals/Cosmetics	81.4%	6.9%	5.9%	5.9%	100%	102
	Biotechnology	83.3%	7.7%	2.6%	6.4%	100%	78
	Agric&Foods	84.2%	5.3%	10.5%	0.0%	100%	19
	PetrolChem/MaterialsChem	85.2%	9.8%	4.9%	0.0%	100%	61
	SurfaceTechn	90.6%	3.8%	0.0%	5.7%	100%	53
	Materials	78.5%	7.5%	8.6%	5.4%	100%	93
ProcEng	ChemEngineering	73.8%	11.5%	13.1%	1.6%	100%	61
	Matprocessing/Textiles/Paper	85.1%	11.6%	1.7%	1.7%	100%	121
	Handl/Printing	91.3%	3.5%	3.5%	1.7%	100%	115
	Agric&FoodProcess-Machines	87.5%	0.0%	12.5%	0.0%	100%	8
	Environment	81.3%	3.1%	6.3%	9.4%	100%	32
MechEng	MachineTools	75.0%	17.2%	4.7%	3.1%	100%	64
	Motors	78.5%	12.5%	5.6%	3.5%	100%	144
	ThermProcesses	94.6%	2.7%	2.7%	0.0%	100%	37
	MechElements	80.5%	8.1%	6.5%	4.9%	100%	123
	Transportation	86.4%	6.8%	4.5%	2.3%	100%	177
ConsConst	ConsGoods	70.1%	10.4%	18.2%	1.3%	100%	77
	ConstrTechn	68.2%	13.6%	9.1%	9.1%	100%	22
All		83.9%	8.1%	5.2%	2.8%	100%	3029

		目標の実現	予想できた副産物	予想だにしない副産物	通常業務の産物、更に発展	通常業務の産物、発展せず	純粋にひらめき・創造的思考の産物	その他	無回答	Total
ElecEng	Electr/Energy	164	36	15	36	19	10	1	2	283
	Audiovisual	66	29	6	25	18	15	0	3	162
	Telecom	86	41	4	24	20	14	2	4	195
	IT	72	41	3	19	15	13	2	2	167
	Semiconductors	71	31	1	22	8	6	4	1	144
Instruments	Optical	85	28	6	21	5	7	3	2	157
	Analysis/Masurement/ControlTech	130	44	11	30	11	16	1	3	246
	MedicalTechn	66	19	10	12	7	14	1	1	130
	NuclearTechn	10	0	1	2	0	1	0	0	14
Chemistry	OrganicChem	118	11	3	11	2	6	2	3	156
	Polymers	100	11	1	11	2	2	1	3	131
	Pharmaceuticals/Cosmetics	67	16	8	19	3	5	0	0	118
	Biotechnology	54	16	8	8	0	1	1	1	89
	Agric&Foods	11	2	0	3	1	2	0	1	20
	PetrolChem/MaterialsChem	42	7	4	9	3	5	0	1	71
	SurfaceTechn	35	7	4	9	1	4	0	0	60
	Materials	52	16	7	15	4	5	2	2	103
ProcEng	ChemEngineering	41	10	4	10	2	1	2	0	70
	Matprocessing/Textiles/Paper	67	19	10	18	9	3	1	2	129
	Handl/Printing	67	17	1	17	12	9	0	4	127
	Agric&FoodProcess-Machines	7	1	0	0	0	0	1	0	9
	Environment	22	3	0	6	1	0	0	0	32
MechEng	MachineTools	40	12	0	7	6	2	4	0	71
	Motors	80	25	6	29	6	10	0	0	156
	ThermProcesses	22	9	0	7	2	0	1	1	42
	MechElements	69	17	5	16	11	8	2	2	130
	Transportation	98	28	2	31	8	18	2	4	191
ConsConst	ConsGoods	43	8	2	10	7	10	0	0	80
	ConstrTechn	13	1	1	2	4	2	0	0	23
Total		1,798	505	123	429	187	189	33	42	3,306

		目標の実現	予想できた副産物	予想だにしない副産物	通常業務の産物、更に発展	通常業務の産物、発展せず	純粋にひらめき・創造的思考の産物	その他	Total	N
ElecEng	Electr/Energy	58.4%	12.8%	5.3%	12.8%	6.8%	3.6%	0.4%	100%	281
	Audiovisual	41.5%	18.2%	3.8%	15.7%	11.3%	9.4%	0.0%	100%	159
	Telecom	45.0%	21.5%	2.1%	12.6%	10.5%	7.3%	1.0%	100%	191
	IT	43.6%	24.8%	1.8%	11.5%	9.1%	7.9%	1.2%	100%	165
	Semiconductors	49.7%	21.7%	0.7%	15.4%	5.6%	4.2%	2.8%	100%	143
Instruments	Optical	54.8%	18.1%	3.9%	13.5%	3.2%	4.5%	1.9%	100%	155
	Analysis/Masurement/ControlTech	53.5%	18.1%	4.5%	12.3%	4.5%	6.6%	0.4%	100%	243
	MedicalTechn	51.2%	14.7%	7.8%	9.3%	5.4%	10.9%	0.8%	100%	129
	NuclearTechn	71.4%	0.0%	7.1%	14.3%	0.0%	7.1%	0.0%	100%	14
Chemistry	OrganicChem	77.1%	7.2%	2.0%	7.2%	1.3%	3.9%	1.3%	100%	153
	Polymers	78.1%	8.6%	0.8%	8.6%	1.6%	1.6%	0.8%	100%	128
	Pharmaceuticals/Cosmetics	56.8%	13.6%	6.8%	16.1%	2.5%	4.2%	0.0%	100%	118
	Biotechnology	61.4%	18.2%	9.1%	9.1%	0.0%	1.1%	1.1%	100%	88
	Agric&Foods	57.9%	10.5%	0.0%	15.8%	5.3%	10.5%	0.0%	100%	19
	PetrolChem/MaterialsChem	60.0%	10.0%	5.7%	12.9%	4.3%	7.1%	0.0%	100%	70
	SurfaceTechn	58.3%	11.7%	6.7%	15.0%	1.7%	6.7%	0.0%	100%	60
	Materials	51.5%	15.8%	6.9%	14.9%	4.0%	5.0%	2.0%	100%	101
ProcEng	ChemEngineering	58.6%	14.3%	5.7%	14.3%	2.9%	1.4%	2.9%	100%	70
	Matprocessing/Textiles/Paper	52.8%	15.0%	7.9%	14.2%	7.1%	2.4%	0.8%	100%	127
	Handl/Printing	54.5%	13.8%	0.8%	13.8%	9.8%	7.3%	0.0%	100%	123
	Agric&FoodProcess-Machines	77.8%	11.1%	0.0%	0.0%	0.0%	0.0%	11.1%	100%	9
	Environment	68.8%	9.4%	0.0%	18.8%	3.1%	0.0%	0.0%	100%	32
MechEng	MachineTools	56.3%	16.9%	0.0%	9.9%	8.5%	2.8%	5.6%	100%	71
	Motors	51.3%	16.0%	3.8%	18.6%	3.8%	6.4%	0.0%	100%	156
	ThermProcesses	53.7%	22.0%	0.0%	17.1%	4.9%	0.0%	2.4%	100%	41
	MechElements	53.9%	13.3%	3.9%	12.5%	8.6%	6.3%	1.6%	100%	128
	Transportation	52.4%	15.0%	1.1%	16.6%	4.3%	9.6%	1.1%	100%	187
ConsConst	ConsGoods	53.8%	10.0%	2.5%	12.5%	8.8%	12.5%	0.0%	100%	80
	ConstrTechn	56.5%	4.3%	4.3%	8.7%	17.4%	8.7%	0.0%	100%	23
All		55.1%	15.5%	3.8%	13.1%	5.7%	5.8%	1.0%	100%	3264

[Multiple choice]

		ベース給与の アップ	ボーナス支払 い	「当該発明」の 商業利用を条 件とした支払	昇進・キャリア アップ	無回答
ElecEng	Electr/Energy	6	138	56	11	24
	Audiovisual	2	91	40	5	9
	Telecom	3	107	40	5	16
	IT	2	99	34	4	14
	Semiconductors	2	63	31	6	9
Instruments	Optical	2	86	15	8	18
	Analysis/Measurement/ControlTech	3	120	44	10	27
	MedicalTechn	1	67	31	2	10
	NuclearTechn	0	5	2	0	1
Chemistry	OrganicChem	2	60	27	9	14
	Polymers	3	54	29	8	14
	Pharmaceuticals/Cosmetics	2	45	16	11	15
	Biotechnology	2	33	14	5	5
	Agric&Foods	0	7	3	1	4
	PetrolChem/MaterialsChem	3	29	13	4	7
	SurfaceTechn	3	28	11	3	5
	Materials	2	41	22	7	8
ProcEng	ChemEngineering	4	28	12	8	10
	Matprocessing/Textiles/Paper	2	57	16	5	16
	Handl/Printing	4	66	19	8	13
	Agric&FoodProcess-Machines	0	5	0	0	3
	Environment	1	14	11	1	1
MechEng	MachineTools	1	33	16	3	4
	Motors	2	64	49	7	18
	ThermProcesses	0	16	13	0	1
	MechElements	3	57	35	2	12
	Transportation	2	80	56	6	17
ConsConst	ConsGoods	1	34	21	4	5
	ConstrTechn	1	11	3	0	1
Total		59	1538	679	143	301

		ベース給与の アップ	ボーナス支払 い	「当該発明」の 商業利用を条 件とした支払	昇進・キャリア アップ	N
ElecEng	Electr/Energy	2.3%	53.3%	21.6%	4.2%	259
	Audiovisual	1.3%	59.5%	26.1%	3.3%	153
	Telecom	1.7%	59.8%	22.3%	2.8%	179
	IT	1.3%	64.7%	22.2%	2.6%	153
	Semiconductors	1.5%	46.7%	23.0%	4.4%	135
Instruments	Optical	1.4%	61.9%	10.8%	5.8%	139
	Analysis/Measurement/ControlTech	1.4%	54.8%	20.1%	4.6%	219
	MedicalTechn	0.8%	55.8%	25.8%	1.7%	120
	NuclearTechn	0.0%	38.5%	15.4%	0.0%	13
Chemistry	OrganicChem	1.4%	42.3%	19.0%	6.3%	142
	Polymers	2.6%	46.2%	24.8%	6.8%	117
	Pharmaceuticals/Cosmetics	1.9%	43.7%	15.5%	10.7%	103
	Biotechnology	2.4%	39.3%	16.7%	6.0%	84
	Agric&Foods	0.0%	43.8%	18.8%	6.3%	16
	PetrolChem/MaterialsChem	4.7%	45.3%	20.3%	6.3%	64
	SurfaceTechn	5.5%	50.9%	20.0%	5.5%	55
ProcEng	Materials	2.1%	43.2%	23.2%	7.4%	95
	ChemEngineering	6.7%	46.7%	20.0%	13.3%	60
	Matprocessing/Textiles/Paper	1.8%	50.4%	14.2%	4.4%	113
	Handl/Printing	3.5%	57.9%	16.7%	7.0%	114
	Agric&FoodProcess-Machines	0.0%	83.3%	0.0%	0.0%	6
MechEng	Environment	3.2%	45.2%	35.5%	3.2%	31
	MachineTools	1.5%	49.3%	23.9%	4.5%	67
	Motors	1.4%	46.4%	35.5%	5.1%	138
	ThermProcesses	0.0%	39.0%	31.7%	0.0%	41
	MechElements	2.5%	48.3%	29.7%	1.7%	118
ConsConst	Transportation	1.1%	46.0%	32.2%	3.4%	174
	ConsGoods	1.3%	45.3%	28.0%	5.3%	75
	ConstrTechn	4.5%	50.0%	13.6%	0.0%	22
All		2.0%	51.2%	22.6%	4.8%	3005

		N	mean	p50	sd	min	max	%
ElecEng	Electr/Energy	251	3.0	0.5	12.9	0	100	
	Audiovisual	142	2.0	0.9	5.2	0	50	
	Telecom	172	2.7	1.0	7.4	0	80	
	IT	141	1.6	0.5	3.4	0	23	
	Semiconductors	135	3.0	0.3	12.1	0	100	
Instruments	Optical	139	1.8	0.6	3.5	0	25	
	Analysis/Measurement/ControlTech	206	1.8	0.4	5.0	0	50	
	MedicalTechn	110	1.7	1.0	5.4	0	50	
	NuclearTechn	13	9.2	0.5	27.6	0	100	
Chemistry	OrganicChem	140	2.5	0.1	7.6	0	50	
	Polymers	108	1.7	0.5	4.3	0	30	
	Pharmaceuticals/Cosmetics	101	1.5	0.1	6.0	0	40	
	Biotechnology	77	1.9	0.1	5.3	0	30	
	Agric&Foods	16	1.5	0.4	2.4	0	8	
	PetrolChem/MaterialsChem	61	2.5	0.2	7.8	0	50	
	SurfaceTechn	52	2.0	0.1	5.2	0	30	
	Materials	82	3.4	0.3	12.5	0	100	
ProcEng	ChemEngineering	63	2.7	0.3	6.7	0	30	
	Matprocessing/Textiles/Paper	104	2.5	0.2	7.1	0	50	
	Handl/Printing	112	2.2	0.5	7.5	0	60	
	Agric&FoodProcess-Machines	6	0.3	0.1	0.4	0	1	
	Environment	28	1.7	0.2	4.1	0	20	
MechEng	MachineTools	64	1.3	0.1	3.7	0	20	
	Motors	133	1.1	0.3	2.6	0	15	
	ThermProcesses	35	2.6	1.0	8.4	0	50	
	MechElements	116	1.8	0.5	5.6	0	50	
	Transportation	173	1.1	0.4	2.5	0	20	
ConsConst	ConsGoods	66	2.2	1.0	3.7	0	20	
	ConstrTechn	19	2.1	1.0	4.6	0	20	
All		2865	2.1	0.5	7.3	0	100	

D3 「当該発明」をする上での動機
金銭的報酬

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	89	57	54	38	37	8	283
	Audiovisual	45	29	36	24	22	6	162
	Telecom	49	20	46	49	27	4	195
	IT	51	34	34	24	18	6	167
	Semiconductors	56	26	27	18	16	1	144
Instruments	Optical	58	31	31	18	17	2	157
	Analysis/Measurement/ControlTech	82	41	48	40	27	8	246
	MedicalTechn	44	17	26	18	18	7	130
	NuclearTechn	7	0	0	4	3	0	14
Chemistry	OrganicChem	61	30	40	14	9	2	156
	Polymers	40	32	31	16	8	4	131
	Pharmaceuticals/Cosmetics	59	18	20	7	12	2	118
	Biotechnology	49	12	9	6	8	5	89
	Agric&Foods	11	3	1	4	0	1	20
	PetrolChem/MaterialsChem	31	11	15	8	5	1	71
	SurfaceTechn	20	11	10	10	7	2	60
	Materials	45	20	17	10	5	6	103
ProcEng	ChemEngineering	28	13	18	3	6	2	70
	Matprocessing/Textiles/Paper	57	26	23	10	8	5	129
	Handl/Printing	47	23	23	20	11	3	127
	Agric&FoodProcess-Machines	6	0	1	1	0	1	9
	Environment	12	3	8	4	4	1	32
MechEng	MachineTools	29	16	16	4	5	1	71
	Motors	59	22	30	20	18	7	156
	ThermProcesses	16	4	12	4	3	3	42
	MechElements	36	26	34	21	12	1	130
	Transportation	61	31	48	22	18	11	191
ConsConst	ConsGoods	27	16	16	10	6	5	80
	ConstrTechn	7	2	9	1	4	0	23
Total		1,182	574	683	428	334	105	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	32.4%	20.7%	19.6%	13.8%	13.5%	100%	275
	Audiovisual	28.8%	18.6%	23.1%	15.4%	14.1%	100%	156
	Telecom	25.7%	10.5%	24.1%	25.7%	14.1%	100%	191
	IT	31.7%	21.1%	21.1%	14.9%	11.2%	100%	161
	Semiconductors	39.2%	18.2%	18.9%	12.6%	11.2%	100%	143
Instruments	Optical	37.4%	20.0%	20.0%	11.6%	11.0%	100%	155
	Analysis/Measurement/ControlTech	34.5%	17.2%	20.2%	16.8%	11.3%	100%	238
	MedicalTechn	35.8%	13.8%	21.1%	14.6%	14.6%	100%	123
	NuclearTechn	50.0%	0.0%	0.0%	28.6%	21.4%	100%	14
Chemistry	OrganicChem	39.6%	19.5%	26.0%	9.1%	5.8%	100%	154
	Polymers	31.5%	25.2%	24.4%	12.6%	6.3%	100%	127
	Pharmaceuticals/Cosmetics	50.9%	15.5%	17.2%	6.0%	10.3%	100%	116
	Biotechnology	58.3%	14.3%	10.7%	7.1%	9.5%	100%	84
	Agric&Foods	57.9%	15.8%	5.3%	21.1%	0.0%	100%	19
	PetrolChem/MaterialsChem	44.3%	15.7%	21.4%	11.4%	7.1%	100%	70
	SurfaceTechn	34.5%	19.0%	17.2%	17.2%	12.1%	100%	58
	Materials	46.4%	20.6%	17.5%	10.3%	5.2%	100%	97
ProcEng	ChemEngineering	41.2%	19.1%	26.5%	4.4%	8.8%	100%	68
	Matprocessing/Textiles/Paper	46.0%	21.0%	18.5%	8.1%	6.5%	100%	124
	Handl/Printing	37.9%	18.5%	18.5%	16.1%	8.9%	100%	124
	Agric&FoodProcess-Machines	75.0%	0.0%	12.5%	12.5%	0.0%	100%	8
	Environment	38.7%	9.7%	25.8%	12.9%	12.9%	100%	31
MechEng	MachineTools	41.4%	22.9%	22.9%	5.7%	7.1%	100%	70
	Motors	39.6%	14.8%	20.1%	13.4%	12.1%	100%	149
	ThermProcesses	41.0%	10.3%	30.8%	10.3%	7.7%	100%	39
	MechElements	27.9%	20.2%	26.4%	16.3%	9.3%	100%	129
	Transportation	33.9%	17.2%	26.7%	12.2%	10.0%	100%	180
ConsConst	ConsGoods	36.0%	21.3%	21.3%	13.3%	8.0%	100%	75
	ConstrTechn	30.4%	8.7%	39.1%	4.3%	17.4%	100%	23
All		36.9%	17.9%	21.3%	13.4%	10.4%	100%	3201

D3 「当該発明」をする上での動機
昇進、新たな・より良い雇用機会拡大

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	119	48	49	38	20	9	283
	Audiovisual	59	27	42	17	10	7	162
	Telecom	70	39	41	24	14	7	195
	IT	71	27	40	13	10	6	167
	Semiconductors	62	24	26	17	14	1	144
Instruments	Optical	69	24	31	15	12	6	157
	Analysis/Measurement/ControlTech	111	32	44	31	19	9	246
	MedicalTechn	53	19	24	11	14	9	130
	NuclearTechn	4	3	1	3	2	1	14
Chemistry	OrganicChem	56	21	43	18	16	2	156
	Polymers	35	25	37	21	8	5	131
	Pharmaceuticals/Cosmetics	60	16	23	9	7	3	118
	Biotechnology	42	10	16	8	8	5	89
	Agric&Foods	9	3	4	3	0	1	20
	PetrolChem/MaterialsChem	32	7	16	9	5	2	71
	SurfaceTechn	20	7	17	5	9	2	60
	Materials	48	18	19	10	3	5	103
ProcEng	ChemEngineering	30	11	15	10	2	2	70
	Matprocessing/Textiles/Paper	59	20	28	9	9	4	129
	Handl/Printing	51	20	30	18	6	2	127
	Agric&FoodProcess-Machines	5	0	1	1	1	1	9
	Environment	14	6	5	4	2	1	32
MechEng	MachineTools	35	11	16	6	2	1	71
	Motors	72	27	27	12	10	8	156
	ThermProcesses	20	6	8	4	1	3	42
	MechElements	54	29	28	12	3	4	130
	Transportation	87	27	39	18	10	10	191
ConsConst	ConsGoods	32	13	15	12	3	5	80
	ConstrTechn	12	2	5	0	4	0	23
Total		1391	522	690	358	224	121	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	43.4%	17.5%	17.9%	13.9%	7.3%	100%	274
	Audiovisual	38.1%	17.4%	27.1%	11.0%	6.5%	100%	155
	Telecom	37.2%	20.7%	21.8%	12.8%	7.4%	100%	188
	IT	44.1%	16.8%	24.8%	8.1%	6.2%	100%	161
	Semiconductors	43.4%	16.8%	18.2%	11.9%	9.8%	100%	143
Instruments	Optical	45.7%	15.9%	20.5%	9.9%	7.9%	100%	151
	Analysis/Measurement/ControlTech	46.8%	13.5%	18.6%	13.1%	8.0%	100%	237
	MedicalTechn	43.8%	15.7%	19.8%	9.1%	11.6%	100%	121
	NuclearTechn	30.8%	23.1%	7.7%	23.1%	15.4%	100%	13
Chemistry	OrganicChem	36.4%	13.6%	27.9%	11.7%	10.4%	100%	154
	Polymers	27.8%	19.8%	29.4%	16.7%	6.3%	100%	126
	Pharmaceuticals/Cosmetics	52.2%	13.9%	20.0%	7.8%	6.1%	100%	115
	Biotechnology	50.0%	11.9%	19.0%	9.5%	9.5%	100%	84
	Agric&Foods	47.4%	15.8%	21.1%	15.8%	0.0%	100%	19
	PetrolChem/MaterialsChem	46.4%	10.1%	23.2%	13.0%	7.2%	100%	69
	SurfaceTechn	34.5%	12.1%	29.3%	8.6%	15.5%	100%	58
	Materials	49.0%	18.4%	19.4%	10.2%	3.1%	100%	98
ProcEng	ChemEngineering	44.1%	16.2%	22.1%	14.7%	2.9%	100%	68
	Matprocessing/Textiles/Paper	47.2%	16.0%	22.4%	7.2%	7.2%	100%	125
	Handl/Printing	40.8%	16.0%	24.0%	14.4%	4.8%	100%	125
	Agric&FoodProcess-Machines	62.5%	0.0%	12.5%	12.5%	12.5%	100%	8
	Environment	45.2%	19.4%	16.1%	12.9%	6.5%	100%	31
MechEng	MachineTools	50.0%	15.7%	22.9%	8.6%	2.9%	100%	70
	Motors	48.6%	18.2%	18.2%	8.1%	6.8%	100%	148
	ThermProcesses	51.3%	15.4%	20.5%	10.3%	2.6%	100%	39
	MechElements	42.9%	23.0%	22.2%	9.5%	2.4%	100%	126
	Transportation	48.1%	14.9%	21.5%	9.9%	5.5%	100%	181
ConsConst	ConsGoods	42.7%	17.3%	20.0%	16.0%	4.0%	100%	75
	ConstrTechn	52.2%	8.7%	21.7%	0.0%	17.4%	100%	23
All		43.7%	16.4%	21.7%	11.2%	7.0%	100%	3185

D3 「当該発明」をする上での動機
社会的な威信と名声

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	120	41	63	34	17	8	283
	Audiovisual	68	28	36	18	4	8	162
	Telecom	76	32	44	20	15	8	195
	IT	77	22	32	16	11	9	167
	Semiconductors	57	27	34	11	14	1	144
Instruments	Optical	58	39	33	12	10	5	157
	Analysis/Measurement/ControlTech	102	41	46	30	15	12	246
	MedicalTechn	46	18	32	12	14	8	130
	NuclearTechn	5	1	3	2	3	0	14
Chemistry	OrganicChem	46	28	41	22	14	5	156
	Polymers	36	21	36	22	9	7	131
	Pharmaceuticals/Cosmetics	51	20	26	9	9	3	118
	Biotechnology	35	12	13	21	3	5	89
	Agric&Foods	7	1	10	0	1	1	20
	PetrolChem/MaterialsChem	40	10	10	6	4	1	71
	SurfaceTechn	23	11	13	6	4	3	60
	Materials	47	19	20	10	1	6	103
ProcEng	ChemEngineering	28	16	16	7	2	1	70
	Matprocessing/Textiles/Paper	60	16	37	6	5	5	129
	Handl/Printing	50	28	22	21	4	2	127
	Agric&FoodProcess-Machines	4	0	3	1	0	1	9
	Environment	16	4	5	4	2	1	32
MechEng	MachineTools	38	10	16	3	2	2	71
	Motors	80	27	25	9	4	11	156
	ThermProcesses	21	6	6	5	1	3	42
	MechElements	56	29	23	14	5	3	130
	Transportation	87	40	32	12	9	11	191
ConsConst	ConsGoods	33	17	14	9	3	4	80
	ConstrTechn	14	2	2	0	5	0	23
Total		1381	566	693	342	190	134	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	43.6%	14.9%	22.9%	12.4%	6.2%	100%	275
	Audiovisual	44.2%	18.2%	23.4%	11.7%	2.6%	100%	154
	Telecom	40.6%	17.1%	23.5%	10.7%	8.0%	100%	187
	IT	48.7%	13.9%	20.3%	10.1%	7.0%	100%	158
	Semiconductors	39.9%	18.9%	23.8%	7.7%	9.8%	100%	143
Instruments	Optical	38.2%	25.7%	21.7%	7.9%	6.6%	100%	152
	Analysis/Measurement/ControlTech	43.6%	17.5%	19.7%	12.8%	6.4%	100%	234
	MedicalTechn	37.7%	14.8%	26.2%	9.8%	11.5%	100%	122
	NuclearTechn	35.7%	7.1%	21.4%	14.3%	21.4%	100%	14
Chemistry	OrganicChem	30.5%	18.5%	27.2%	14.6%	9.3%	100%	151
	Polymers	29.0%	16.9%	29.0%	17.7%	7.3%	100%	124
	Pharmaceuticals/Cosmetics	44.3%	17.4%	22.6%	7.8%	7.8%	100%	115
	Biotechnology	41.7%	14.3%	15.5%	25.0%	3.6%	100%	84
	Agric&Foods	36.8%	5.3%	52.6%	0.0%	5.3%	100%	19
	PetrolChem/MaterialsChem	57.1%	14.3%	14.3%	8.6%	5.7%	100%	70
	SurfaceTechn	40.4%	19.3%	22.8%	10.5%	7.0%	100%	57
	Materials	48.5%	19.6%	20.6%	10.3%	1.0%	100%	97
ProcEng	ChemEngineering	40.6%	23.2%	23.2%	10.1%	2.9%	100%	69
	Matprocessing/Textiles/Paper	48.4%	12.9%	29.8%	4.8%	4.0%	100%	124
	Handl/Printing	40.0%	22.4%	17.6%	16.8%	3.2%	100%	125
	Agric&FoodProcess-Machines	50.0%	0.0%	37.5%	12.5%	0.0%	100%	8
	Environment	51.6%	12.9%	16.1%	12.9%	6.5%	100%	31
MechEng	MachineTools	55.1%	14.5%	23.2%	4.3%	2.9%	100%	69
	Motors	55.2%	18.6%	17.2%	6.2%	2.8%	100%	145
	ThermProcesses	53.8%	15.4%	15.4%	12.8%	2.6%	100%	39
	MechElements	44.1%	22.8%	18.1%	11.0%	3.9%	100%	127
	Transportation	48.3%	22.2%	17.8%	6.7%	5.0%	100%	180
ConsConst	ConsGoods	43.4%	22.4%	18.4%	11.8%	3.9%	100%	76
	ConstrTechn	60.9%	8.7%	8.7%	0.0%	21.7%	100%	23
All		43.5%	17.8%	21.8%	10.8%	6.0%	100%	3172

D3 「当該発明」をする上での動機
イノベーションによる、勤務組織の業績向上

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	42	19	64	78	68	12	283
	Audiovisual	26	18	36	51	24	7	162
	Telecom	35	17	51	49	36	7	195
	IT	33	25	34	38	32	5	167
	Semiconductors	21	10	37	35	39	2	144
Instruments	Optical	30	11	38	38	36	4	157
	Analysis/Measurement/ControlTech	48	23	54	55	55	11	246
	MedicalTechn	22	11	33	28	26	10	130
	NuclearTechn	4	0	1	5	3	1	14
Chemistry	OrganicChem	13	13	32	48	44	6	156
	Polymers	10	5	38	41	30	7	131
	Pharmaceuticals/Cosmetics	26	9	22	23	36	2	118
	Biotechnology	23	4	16	26	18	2	89
	Agric&Foods	1	1	5	8	4	1	20
	PetrolChem/MaterialsChem	10	3	21	16	20	1	71
	SurfaceTechn	8	3	14	13	20	2	60
	Materials	20	10	18	29	20	6	103
ProcEng	ChemEngineering	7	4	19	21	16	3	70
	Matprocessing/Textiles/Paper	17	11	28	32	35	6	129
	Handl/Printing	19	15	29	39	23	2	127
	Agric&FoodProcess-Machines	2	0	2	1	3	1	9
	Environment	7	2	5	9	8	1	32
MechEng	MachineTools	19	8	18	10	15	1	71
	Motors	24	18	46	35	25	8	156
	ThermProcesses	12	4	6	11	7	2	42
	MechElements	24	13	39	28	22	4	130
	Transportation	32	23	42	52	30	12	191
ConsConst	ConsGoods	13	8	18	23	15	3	80
	ConstrTechn	6	2	6	4	4	1	23
Total		554	290	772	846	714	130	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	15.5%	7.0%	23.6%	28.8%	25.1%	100%	271
	Audiovisual	16.8%	11.6%	23.2%	32.9%	15.5%	100%	155
	Telecom	18.6%	9.0%	27.1%	26.1%	19.1%	100%	188
	IT	20.4%	15.4%	21.0%	23.5%	19.8%	100%	162
	Semiconductors	14.8%	7.0%	26.1%	24.6%	27.5%	100%	142
Instruments	Optical	19.6%	7.2%	24.8%	24.8%	23.5%	100%	153
	Analysis/Measurement/ControlTech	20.4%	9.8%	23.0%	23.4%	23.4%	100%	235
	MedicalTechn	18.3%	9.2%	27.5%	23.3%	21.7%	100%	120
	NuclearTechn	30.8%	0.0%	7.7%	38.5%	23.1%	100%	13
Chemistry	OrganicChem	8.7%	8.7%	21.3%	32.0%	29.3%	100%	150
	Polymers	8.1%	4.0%	30.6%	33.1%	24.2%	100%	124
	Pharmaceuticals/Cosmetics	22.4%	7.8%	19.0%	19.8%	31.0%	100%	116
	Biotechnology	26.4%	4.6%	18.4%	29.9%	20.7%	100%	87
	Agric&Foods	5.3%	5.3%	26.3%	42.1%	21.1%	100%	19
	PetrolChem/MaterialsChem	14.3%	4.3%	30.0%	22.9%	28.6%	100%	70
	SurfaceTechn	13.8%	5.2%	24.1%	22.4%	34.5%	100%	58
	Materials	20.6%	10.3%	18.6%	29.9%	20.6%	100%	97
ProcEng	ChemEngineering	10.4%	6.0%	28.4%	31.3%	23.9%	100%	67
	Matprocessing/Textiles/Paper	13.8%	8.9%	22.8%	26.0%	28.5%	100%	123
	Handl/Printing	15.2%	12.0%	23.2%	31.2%	18.4%	100%	125
	Agric&FoodProcess-Machines	25.0%	0.0%	25.0%	12.5%	37.5%	100%	8
	Environment	22.6%	6.5%	16.1%	29.0%	25.8%	100%	31
MechEng	MachineTools	27.1%	11.4%	25.7%	14.3%	21.4%	100%	70
	Motors	16.2%	12.2%	31.1%	23.6%	16.9%	100%	148
	ThermProcesses	30.0%	10.0%	15.0%	27.5%	17.5%	100%	40
	MechElements	19.0%	10.3%	31.0%	22.2%	17.5%	100%	126
	Transportation	17.9%	12.8%	23.5%	29.1%	16.8%	100%	179
ConsConst	ConsGoods	16.9%	10.4%	23.4%	29.9%	19.5%	100%	77
	ConstrTechn	27.3%	9.1%	27.3%	18.2%	18.2%	100%	22
All		17.4%	9.1%	24.3%	26.6%	22.5%	100%	3176

D3 「当該発明」をする上での動機
技術的な可能性の証明による満足感

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	28	19	57	84	91	4	283
	Audiovisual	23	22	33	51	28	5	162
	Telecom	29	13	45	49	55	4	195
	IT	28	13	40	44	38	4	167
	Semiconductors	12	5	30	44	52	1	144
Instruments	Optical	11	8	33	53	46	6	157
	Analysis/Measurement/ControlTech	27	14	49	77	70	9	246
	MedicalTechn	15	5	26	31	48	5	130
	NuclearTechn	1	0	3	4	5	1	14
Chemistry	OrganicChem	5	10	19	45	74	3	156
	Polymers	4	3	26	53	42	3	131
	Pharmaceuticals/Cosmetics	11	8	26	28	44	1	118
	Biotechnology	15	3	11	26	32	2	89
	Agric&Foods	1	1	2	7	8	1	20
	PetrolChem/MaterialsChem	6	6	14	22	23	0	71
	SurfaceTechn	6	1	12	11	28	2	60
	Materials	8	7	18	28	37	5	103
ProcEng	ChemEngineering	1	2	14	24	27	2	70
	Matprocessing/Textiles/Paper	6	9	27	34	51	2	129
	Handl/Printing	16	8	21	38	42	2	127
	Agric&FoodProcess-Machines	2	1	3	0	2	1	9
	Environment	1	2	5	11	12	1	32
MechEng	MachineTools	6	7	17	21	19	1	71
	Motors	17	16	34	34	52	3	156
	ThermProcesses	8	3	8	15	7	1	42
	MechElements	8	6	34	35	45	2	130
	Transportation	16	9	46	58	54	8	191
ConsConst	ConsGoods	5	4	16	30	21	4	80
	ConstrTechn	1	1	6	7	8	0	23
Total		317	206	675	964	1061	83	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	10.0%	6.8%	20.4%	30.1%	32.6%	100%	279
	Audiovisual	14.6%	14.0%	21.0%	32.5%	17.8%	100%	157
	Telecom	15.2%	6.8%	23.6%	25.7%	28.8%	100%	191
	IT	17.2%	8.0%	24.5%	27.0%	23.3%	100%	163
	Semiconductors	8.4%	3.5%	21.0%	30.8%	36.4%	100%	143
Instruments	Optical	7.3%	5.3%	21.9%	35.1%	30.5%	100%	151
	Analysis/Measurement/ControlTech	11.4%	5.9%	20.7%	32.5%	29.5%	100%	237
	MedicalTechn	12.0%	4.0%	20.8%	24.8%	38.4%	100%	125
	NuclearTechn	7.7%	0.0%	23.1%	30.8%	38.5%	100%	13
Chemistry	OrganicChem	3.3%	6.5%	12.4%	29.4%	48.4%	100%	153
	Polymers	3.1%	2.3%	20.3%	41.4%	32.8%	100%	128
	Pharmaceuticals/Cosmetics	9.4%	6.8%	22.2%	23.9%	37.6%	100%	117
	Biotechnology	17.2%	3.4%	12.6%	29.9%	36.8%	100%	87
	Agric&Foods	5.3%	5.3%	10.5%	36.8%	42.1%	100%	19
	PetrolChem/MaterialsChem	8.5%	8.5%	19.7%	31.0%	32.4%	100%	71
	SurfaceTechn	10.3%	1.7%	20.7%	19.0%	48.3%	100%	58
	Materials	8.2%	7.1%	18.4%	28.6%	37.8%	100%	98
ProcEng	ChemEngineering	1.5%	2.9%	20.6%	35.3%	39.7%	100%	68
	Matprocessing/Textiles/Paper	4.7%	7.1%	21.3%	26.8%	40.2%	100%	127
	Handl/Printing	12.8%	6.4%	16.8%	30.4%	33.6%	100%	125
	Agric&FoodProcess-Machines	25.0%	12.5%	37.5%	0.0%	25.0%	100%	8
	Environment	3.2%	6.5%	16.1%	35.5%	38.7%	100%	31
MechEng	MachineTools	8.6%	10.0%	24.3%	30.0%	27.1%	100%	70
	Motors	11.1%	10.5%	22.2%	22.2%	34.0%	100%	153
	ThermProcesses	19.5%	7.3%	19.5%	36.6%	17.1%	100%	41
	MechElements	6.3%	4.7%	26.6%	27.3%	35.2%	100%	128
	Transportation	8.7%	4.9%	25.1%	31.7%	29.5%	100%	183
ConsConst	ConsGoods	6.6%	5.3%	21.1%	39.5%	27.6%	100%	76
	ConstrTechn	4.3%	4.3%	26.1%	30.4%	34.8%	100%	23
All		9.8%	6.4%	20.9%	29.9%	32.9%	100%	3223

D3 「当該発明」をする上での動機
知的な挑戦

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	22	27	65	88	74	7	283
	Audiovisual	16	19	38	43	40	6	162
	Telecom	27	13	43	59	46	7	195
	IT	19	16	50	40	40	2	167
	Semiconductors	15	11	37	35	45	1	144
Instruments	Optical	13	14	35	47	44	4	157
	Analysis/Measurement/ControlTech	35	17	49	61	75	9	246
	MedicalTechn	12	7	29	27	48	7	130
	NuclearTechn	1	1	3	2	6	1	14
Chemistry	OrganicChem	6	7	25	46	69	3	156
	Polymers	4	6	33	45	38	5	131
	Pharmaceuticals/Cosmetics	12	5	22	27	50	2	118
	Biotechnology	7	2	17	31	28	4	89
	Agric&Foods	1	0	4	5	9	1	20
	PetrolChem/MaterialsChem	6	5	13	27	18	2	71
	SurfaceTechn	2	1	16	17	21	3	60
	Materials	8	5	23	25	37	5	103
ProcEng	ChemEngineering	1	8	11	25	23	2	70
	Matprocessing/Textiles/Paper	11	4	32	32	45	5	129
	Handl/Printing	17	12	28	30	38	2	127
	Agric&FoodProcess-Machines	1	0	3	1	3	1	9
	Environment	3	1	4	11	12	1	32
MechEng	MachineTools	6	4	19	25	16	1	71
	Motors	17	11	34	41	50	3	156
	ThermProcesses	5	5	10	12	7	3	42
	MechElements	13	9	33	37	36	2	130
	Transportation	19	13	46	52	50	11	191
ConsConst	ConsGoods	7	5	17	30	19	2	80
	ConstrTechn	4	0	6	6	7	0	23
Total		310	228	745	927	994	102	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	8.0%	9.8%	23.6%	31.9%	26.8%	100%	276
	Audiovisual	10.3%	12.2%	24.4%	27.6%	25.6%	100%	156
	Telecom	14.4%	6.9%	22.9%	31.4%	24.5%	100%	188
	IT	11.5%	9.7%	30.3%	24.2%	24.2%	100%	165
	Semiconductors	10.5%	7.7%	25.9%	24.5%	31.5%	100%	143
Instruments	Optical	8.5%	9.2%	22.9%	30.7%	28.8%	100%	153
	Analysis/Measurement/ControlTech	14.8%	7.2%	20.7%	25.7%	31.6%	100%	237
	MedicalTechn	9.8%	5.7%	23.6%	22.0%	39.0%	100%	123
	NuclearTechn	7.7%	7.7%	23.1%	15.4%	46.2%	100%	13
Chemistry	OrganicChem	3.9%	4.6%	16.3%	30.1%	45.1%	100%	153
	Polymers	3.2%	4.8%	26.2%	35.7%	30.2%	100%	126
	Pharmaceuticals/Cosmetics	10.3%	4.3%	19.0%	23.3%	43.1%	100%	116
	Biotechnology	8.2%	2.4%	20.0%	36.5%	32.9%	100%	85
	Agric&Foods	5.3%	0.0%	21.1%	26.3%	47.4%	100%	19
	PetrolChem/MaterialsChem	8.7%	7.2%	18.8%	39.1%	26.1%	100%	69
	SurfaceTechn	3.5%	1.8%	28.1%	29.8%	36.8%	100%	57
	Materials	8.2%	5.1%	23.5%	25.5%	37.8%	100%	98
ProcEng	ChemEngineering	1.5%	11.8%	16.2%	36.8%	33.8%	100%	68
	Matprocessing/Textiles/Paper	8.9%	3.2%	25.8%	25.8%	36.3%	100%	124
	Handl/Printing	13.6%	9.6%	22.4%	24.0%	30.4%	100%	125
	Agric&FoodProcess-Machines	12.5%	0.0%	37.5%	12.5%	37.5%	100%	8
	Environment	9.7%	3.2%	12.9%	35.5%	38.7%	100%	31
MechEng	MachineTools	8.6%	5.7%	27.1%	35.7%	22.9%	100%	70
	Motors	11.1%	7.2%	22.2%	26.8%	32.7%	100%	153
	ThermProcesses	12.8%	12.8%	25.6%	30.8%	17.9%	100%	39
	MechElements	10.2%	7.0%	25.8%	28.9%	28.1%	100%	128
	Transportation	10.6%	7.2%	25.6%	28.9%	27.8%	100%	180
ConsConst	ConsGoods	9.0%	6.4%	21.8%	38.5%	24.4%	100%	78
	ConstrTechn	17.4%	0.0%	26.1%	26.1%	30.4%	100%	23
All		9.7%	7.1%	23.3%	28.9%	31.0%	100%	3204

D3 「当該発明」をする上での動機
現実的な問題を解決したいと思う願望

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	9	9	36	97	126	6	283
	Audiovisual	9	16	26	48	59	4	162
	Telecom	16	6	47	54	67	5	195
	IT	20	9	28	49	57	4	167
	Semiconductors	11	5	20	43	65	0	144
Instruments	Optical	7	11	29	45	61	4	157
	Analysis/Measurement/ControlTech	16	16	34	79	94	7	246
	MedicalTechn	6	3	25	33	57	6	130
	NuclearTechn	1	0	3	3	6	1	14
Chemistry	OrganicChem	7	8	24	44	71	2	156
	Polymers	5	9	14	41	59	3	131
	Pharmaceuticals/Cosmetics	9	4	22	26	57	0	118
	Biotechnology	8	2	11	33	32	3	89
	Agric&Foods	1	1	1	7	9	1	20
	PetrolChem/MaterialsChem	3	0	8	28	31	1	71
	SurfaceTechn	3	1	9	26	19	2	60
	Materials	3	5	14	28	49	4	103
ProcEng	ChemEngineering	2	2	12	19	32	3	70
	Matprocessing/Textiles/Paper	6	6	19	36	57	5	129
	Handl/Printing	7	8	15	49	47	1	127
	Agric&FoodProcess-Machines	1	0	1	2	5	0	9
	Environment	0	0	2	11	18	1	32
MechEng	MachineTools	3	2	11	23	31	1	71
	Motors	5	6	24	44	75	2	156
	ThermProcesses	4	3	2	16	14	3	42
	MechElements	5	5	21	36	61	2	130
	Transportation	6	5	34	53	85	8	191
ConsConst	ConsGoods	3	5	13	27	31	1	80
	ConstrTechn	0	2	2	4	15	0	23
Total		176	149	507	1004	1390	80	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.2%	3.2%	13.0%	35.0%	45.5%	100%	277
	Audiovisual	5.7%	10.1%	16.5%	30.4%	37.3%	100%	158
	Telecom	8.4%	3.2%	24.7%	28.4%	35.3%	100%	190
	IT	12.3%	5.5%	17.2%	30.1%	35.0%	100%	163
	Semiconductors	7.6%	3.5%	13.9%	29.9%	45.1%	100%	144
Instruments	Optical	4.6%	7.2%	19.0%	29.4%	39.9%	100%	153
	Analysis/Measurement/ControlTech	6.7%	6.7%	14.2%	33.1%	39.3%	100%	239
	MedicalTechn	4.8%	2.4%	20.2%	26.6%	46.0%	100%	124
	NuclearTechn	7.7%	0.0%	23.1%	23.1%	46.2%	100%	13
Chemistry	OrganicChem	4.5%	5.2%	15.6%	28.6%	46.1%	100%	154
	Polymers	3.9%	7.0%	10.9%	32.0%	46.1%	100%	128
	Pharmaceuticals/Cosmetics	7.6%	3.4%	18.6%	22.0%	48.3%	100%	118
	Biotechnology	9.3%	2.3%	12.8%	38.4%	37.2%	100%	86
	Agric&Foods	5.3%	5.3%	5.3%	36.8%	47.4%	100%	19
	PetrolChem/MaterialsChem	4.3%	0.0%	11.4%	40.0%	44.3%	100%	70
	SurfaceTechn	5.2%	1.7%	15.5%	44.8%	32.8%	100%	58
	Materials	3.0%	5.1%	14.1%	28.3%	49.5%	100%	99
ProcEng	ChemEngineering	3.0%	3.0%	17.9%	28.4%	47.8%	100%	67
	Matprocessing/Textiles/Paper	4.8%	4.8%	15.3%	29.0%	46.0%	100%	124
	Handl/Printing	5.6%	6.3%	11.9%	38.9%	37.3%	100%	126
	Agric&FoodProcess-Machines	11.1%	0.0%	11.1%	22.2%	55.6%	100%	9
	Environment	0.0%	0.0%	6.5%	35.5%	58.1%	100%	31
MechEng	MachineTools	4.3%	2.9%	15.7%	32.9%	44.3%	100%	70
	Motors	3.2%	3.9%	15.6%	28.6%	48.7%	100%	154
	ThermProcesses	10.3%	7.7%	5.1%	41.0%	35.9%	100%	39
	MechElements	3.9%	3.9%	16.4%	28.1%	47.7%	100%	128
	Transportation	3.3%	2.7%	18.6%	29.0%	46.4%	100%	183
ConsConst	ConsGoods	3.8%	6.3%	16.5%	34.2%	39.2%	100%	79
	ConstrTechn	0.0%	8.7%	8.7%	17.4%	65.2%	100%	23
All		5.5%	4.6%	15.7%	31.1%	43.1%	100%	3226

D3 「当該発明」をする上での動機
高いレベルでの独立性を求めて

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	69	55	77	45	28	9	283
	Audiovisual	54	37	37	19	9	6	162
	Telecom	60	33	51	25	20	6	195
	IT	65	32	36	16	12	6	167
	Semiconductors	44	25	40	19	14	2	144
Instruments	Optical	40	31	43	19	18	6	157
	Analysis/Measurement/ControlTech	79	31	62	33	27	14	246
	MedicalTechn	31	27	37	13	14	8	130
	NuclearTechn	3	4	5	1	0	1	14
Chemistry	OrganicChem	30	26	53	25	19	3	156
	Polymers	28	25	34	23	15	6	131
	Pharmaceuticals/Cosmetics	38	22	32	11	12	3	118
	Biotechnology	27	13	17	9	17	6	89
	Agric&Foods	4	3	5	3	4	1	20
	PetrolChem/MaterialsChem	22	16	18	7	6	2	71
	SurfaceTechn	16	4	19	11	7	3	60
	Materials	27	18	33	11	6	8	103
ProcEng	ChemEngineering	19	14	21	8	5	3	70
	Matprocessing/Textiles/Paper	35	16	31	20	18	9	129
	Handl/Printing	40	27	31	16	11	2	127
	Agric&FoodProcess-Machines	5	0	2	0	1	1	9
	Environment	9	2	11	4	5	1	32
MechEng	MachineTools	30	8	19	5	4	5	71
	Motors	51	24	39	18	16	8	156
	ThermProcesses	16	7	14	1	1	3	42
	MechElements	40	26	32	16	11	5	130
	Transportation	50	40	47	21	21	12	191
ConsConst	ConsGoods	20	17	21	13	5	4	80
	ConstrTechn	9	5	3	2	4	0	23
Total		961	588	870	414	330	143	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	25.2%	20.1%	28.1%	16.4%	10.2%	100%	274
	Audiovisual	34.6%	23.7%	23.7%	12.2%	5.8%	100%	156
	Telecom	31.7%	17.5%	27.0%	13.2%	10.6%	100%	189
	IT	40.4%	19.9%	22.4%	9.9%	7.5%	100%	161
	Semiconductors	31.0%	17.6%	28.2%	13.4%	9.9%	100%	142
Instruments	Optical	26.5%	20.5%	28.5%	12.6%	11.9%	100%	151
	Analysis/Measurement/ControlTech	34.1%	13.4%	26.7%	14.2%	11.6%	100%	232
	MedicalTechn	25.4%	22.1%	30.3%	10.7%	11.5%	100%	122
	NuclearTechn	23.1%	30.8%	38.5%	7.7%	0.0%	100%	13
Chemistry	OrganicChem	19.6%	17.0%	34.6%	16.3%	12.4%	100%	153
	Polymers	22.4%	20.0%	27.2%	18.4%	12.0%	100%	125
	Pharmaceuticals/Cosmetics	33.0%	19.1%	27.8%	9.6%	10.4%	100%	115
	Biotechnology	32.5%	15.7%	20.5%	10.8%	20.5%	100%	83
	Agric&Foods	21.1%	15.8%	26.3%	15.8%	21.1%	100%	19
	PetrolChem/MaterialsChem	31.9%	23.2%	26.1%	10.1%	8.7%	100%	69
	SurfaceTechn	28.1%	7.0%	33.3%	19.3%	12.3%	100%	57
	Materials	28.4%	18.9%	34.7%	11.6%	6.3%	100%	95
ProcEng	ChemEngineering	28.4%	20.9%	31.3%	11.9%	7.5%	100%	67
	Matprocessing/Textiles/Paper	29.2%	13.3%	25.8%	16.7%	15.0%	100%	120
	Handl/Printing	32.0%	21.6%	24.8%	12.8%	8.8%	100%	125
	Agric&FoodProcess-Machines	62.5%	0.0%	25.0%	0.0%	12.5%	100%	8
	Environment	29.0%	6.5%	35.5%	12.9%	16.1%	100%	31
MechEng	MachineTools	45.5%	12.1%	28.8%	7.6%	6.1%	100%	66
	Motors	34.5%	16.2%	26.4%	12.2%	10.8%	100%	148
	ThermProcesses	41.0%	17.9%	35.9%	2.6%	2.6%	100%	39
	MechElements	32.0%	20.8%	25.6%	12.8%	8.8%	100%	125
	Transportation	27.9%	22.3%	26.3%	11.7%	11.7%	100%	179
ConsConst	ConsGoods	26.3%	22.4%	27.6%	17.1%	6.6%	100%	76
	ConstrTechn	39.1%	21.7%	13.0%	8.7%	17.4%	100%	23
All		30.4%	18.6%	27.5%	13.1%	10.4%	100%	3163

D3 「当該発明」をする上での動機
責任感から

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	35	37	103	72	29	7	283
	Audiovisual	21	20	59	42	15	5	162
	Telecom	33	16	64	52	25	5	195
	IT	34	29	46	32	19	7	167
	Semiconductors	22	17	40	39	24	2	144
Instruments	Optical	21	28	40	34	30	4	157
	Analysis/Measurement/ControlTech	46	42	69	50	30	9	246
	MedicalTechn	14	17	40	30	19	10	130
	NuclearTechn	1	3	2	7	0	1	14
Chemistry	OrganicChem	11	12	58	45	28	2	156
	Polymers	9	17	29	48	22	6	131
	Pharmaceuticals/Cosmetics	23	10	36	25	23	1	118
	Biotechnology	18	13	17	24	14	3	89
	Agric&Foods	2	1	7	8	1	1	20
	PetrolChem/MaterialsChem	14	9	23	17	7	1	71
	SurfaceTechn	10	3	21	15	8	3	60
	Materials	12	9	35	26	15	6	103
ProcEng	ChemEngineering	7	7	23	21	9	3	70
	Matprocessing/Textiles/Paper	15	19	38	24	30	3	129
	Handl/Printing	18	18	33	37	20	1	127
	Agric&FoodProcess-Machines	2	0	2	2	2	1	9
	Environment	4	2	9	10	6	1	32
MechEng	MachineTools	7	10	28	16	9	1	71
	Motors	26	13	53	32	25	7	156
	ThermProcesses	8	3	13	10	4	4	42
	MechElements	10	16	39	38	23	4	130
	Transportation	27	28	52	48	27	9	191
ConsConst	ConsGoods	17	9	21	23	8	2	80
	ConstrTechn	2	4	5	2	10	0	23
Total		469	412	1005	829	482	109	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	12.7%	13.4%	37.3%	26.1%	10.5%	100%	276
	Audiovisual	13.4%	12.7%	37.6%	26.8%	9.6%	100%	157
	Telecom	17.4%	8.4%	33.7%	27.4%	13.2%	100%	190
	IT	21.3%	18.1%	28.8%	20.0%	11.9%	100%	160
	Semiconductors	15.5%	12.0%	28.2%	27.5%	16.9%	100%	142
Instruments	Optical	13.7%	18.3%	26.1%	22.2%	19.6%	100%	153
	Analysis/Measurement/ControlTech	19.4%	17.7%	29.1%	21.1%	12.7%	100%	237
	MedicalTechn	11.7%	14.2%	33.3%	25.0%	15.8%	100%	120
	NuclearTechn	7.7%	23.1%	15.4%	53.8%	0.0%	100%	13
Chemistry	OrganicChem	7.1%	7.8%	37.7%	29.2%	18.2%	100%	154
	Polymers	7.2%	13.6%	23.2%	38.4%	17.6%	100%	125
	Pharmaceuticals/Cosmetics	19.7%	8.5%	30.8%	21.4%	19.7%	100%	117
	Biotechnology	20.9%	15.1%	19.8%	27.9%	16.3%	100%	86
	Agric&Foods	10.5%	5.3%	36.8%	42.1%	5.3%	100%	19
	PetrolChem/MaterialsChem	20.0%	12.9%	32.9%	24.3%	10.0%	100%	70
	SurfaceTechn	17.5%	5.3%	36.8%	26.3%	14.0%	100%	57
	Materials	12.4%	9.3%	36.1%	26.8%	15.5%	100%	97
ProcEng	ChemEngineering	10.4%	10.4%	34.3%	31.3%	13.4%	100%	67
	Matprocessing/Textiles/Paper	11.9%	15.1%	30.2%	19.0%	23.8%	100%	126
	Handl/Printing	14.3%	14.3%	26.2%	29.4%	15.9%	100%	126
	Agric&FoodProcess-Machines	25.0%	0.0%	25.0%	25.0%	25.0%	100%	8
	Environment	12.9%	6.5%	29.0%	32.3%	19.4%	100%	31
MechEng	MachineTools	10.0%	14.3%	40.0%	22.9%	12.9%	100%	70
	Motors	17.4%	8.7%	35.6%	21.5%	16.8%	100%	149
	ThermProcesses	21.1%	7.9%	34.2%	26.3%	10.5%	100%	38
	MechElements	7.9%	12.7%	31.0%	30.2%	18.3%	100%	126
	Transportation	14.8%	15.4%	28.6%	26.4%	14.8%	100%	182
ConsConst	ConsGoods	21.8%	11.5%	26.9%	29.5%	10.3%	100%	78
	ConstrTechn	8.7%	17.4%	21.7%	8.7%	43.5%	100%	23
All		14.7%	12.9%	31.4%	25.9%	15.1%	100%	3197

D3 「当該発明」をする上での動機
プロジェクトチームの業績への貢献

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	20	25	83	93	54	8	283
	Audiovisual	16	14	49	58	22	3	162
	Telecom	24	19	50	62	33	7	195
	IT	22	24	46	42	30	3	167
	Semiconductors	18	11	27	50	37	1	144
Instruments	Optical	16	20	41	42	35	3	157
	Analysis/Measurement/ControlTech	33	32	64	63	40	14	246
	MedicalTechn	14	8	37	36	26	9	130
	NuclearTechn	0	4	1	5	3	1	14
Chemistry	OrganicChem	10	8	32	52	52	2	156
	Polymers	6	9	30	50	31	5	131
	Pharmaceuticals/Cosmetics	20	7	26	32	31	2	118
	Biotechnology	14	10	22	24	16	3	89
	Agric&Foods	3	0	6	6	4	1	20
	PetrolChem/MaterialsChem	9	8	14	18	21	1	71
	SurfaceTechn	11	5	13	17	10	4	60
	Materials	14	10	25	27	22	5	103
ProcEng	ChemEngineering	5	5	16	25	15	4	70
	Matprocessing/Textiles/Paper	19	8	32	33	32	5	129
	Handl/Printing	13	10	41	31	31	1	127
	Agric&FoodProcess-Machines	3	0	4	0	1	1	9
	Environment	3	1	4	14	9	1	32
MechEng	MachineTools	14	7	25	14	9	2	71
	Motors	16	16	36	52	31	5	156
	ThermProcesses	5	3	9	14	10	1	42
	MechElements	16	14	30	39	27	4	130
	Transportation	26	18	52	55	32	8	191
ConsConst	ConsGoods	13	8	25	25	7	2	80
	ConstrTechn	6	2	5	5	5	0	23
Total		389	306	845	984	676	106	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	7.3%	9.1%	30.2%	33.8%	19.6%	100%	275
	Audiovisual	10.1%	8.8%	30.8%	36.5%	13.8%	100%	159
	Telecom	12.8%	10.1%	26.6%	33.0%	17.6%	100%	188
	IT	13.4%	14.6%	28.0%	25.6%	18.3%	100%	164
	Semiconductors	12.6%	7.7%	18.9%	35.0%	25.9%	100%	143
Instruments	Optical	10.4%	13.0%	26.6%	27.3%	22.7%	100%	154
	Analysis/Measurement/ControlTech	14.2%	13.8%	27.6%	27.2%	17.2%	100%	232
	MedicalTechn	11.6%	6.6%	30.6%	29.8%	21.5%	100%	121
	NuclearTechn	0.0%	30.8%	7.7%	38.5%	23.1%	100%	13
Chemistry	OrganicChem	6.5%	5.2%	20.8%	33.8%	33.8%	100%	154
	Polymers	4.8%	7.1%	23.8%	39.7%	24.6%	100%	126
	Pharmaceuticals/Cosmetics	17.2%	6.0%	22.4%	27.6%	26.7%	100%	116
	Biotechnology	16.3%	11.6%	25.6%	27.9%	18.6%	100%	86
	Agric&Foods	15.8%	0.0%	31.6%	31.6%	21.1%	100%	19
	PetrolChem/MaterialsChem	12.9%	11.4%	20.0%	25.7%	30.0%	100%	70
	SurfaceTechn	19.6%	8.9%	23.2%	30.4%	17.9%	100%	56
	Materials	14.3%	10.2%	25.5%	27.6%	22.4%	100%	98
ProcEng	ChemEngineering	7.6%	7.6%	24.2%	37.9%	22.7%	100%	66
	Matprocessing/Textiles/Paper	15.3%	6.5%	25.8%	26.6%	25.8%	100%	124
	Handl/Printing	10.3%	7.9%	32.5%	24.6%	24.6%	100%	126
	Agric&FoodProcess-Machines	37.5%	0.0%	50.0%	0.0%	12.5%	100%	8
	Environment	9.7%	3.2%	12.9%	45.2%	29.0%	100%	31
MechEng	MachineTools	20.3%	10.1%	36.2%	20.3%	13.0%	100%	69
	Motors	10.6%	10.6%	23.8%	34.4%	20.5%	100%	151
	ThermProcesses	12.2%	7.3%	22.0%	34.1%	24.4%	100%	41
	MechElements	12.7%	11.1%	23.8%	31.0%	21.4%	100%	126
	Transportation	14.2%	9.8%	28.4%	30.1%	17.5%	100%	183
ConsConst	ConsGoods	16.7%	10.3%	32.1%	32.1%	9.0%	100%	78
	ConstrTechn	26.1%	8.7%	21.7%	21.7%	21.7%	100%	23
All		12.2%	9.6%	26.4%	30.8%	21.1%	100%	3200

D3 「当該発明」をする上での動機
社会貢献

		重要でない					非常に重要	
		1	2	3	4	5	無回答	All
ElecEng	Electr/Energy	59	63	78	45	31	7	283
	Audiovisual	42	32	43	26	14	5	162
	Telecom	43	38	68	25	15	6	195
	IT	49	36	42	17	16	7	167
	Semiconductors	32	28	41	23	19	1	144
Instruments	Optical	30	25	44	34	19	5	157
	Analysis/Measurement/ControlTech	63	39	56	45	29	14	246
	MedicalTechn	15	18	32	30	30	5	130
	NuclearTechn	1	0	3	6	3	1	14
Chemistry	OrganicChem	13	25	54	31	31	2	156
	Polymers	15	27	35	36	14	4	131
	Pharmaceuticals/Cosmetics	14	11	35	25	31	2	118
	Biotechnology	15	11	22	20	19	2	89
	Agric&Foods	4	2	6	3	4	1	20
	PetrolChem/MaterialsChem	10	10	22	15	11	3	71
	SurfaceTechn	14	3	24	11	5	3	60
	Materials	20	19	28	20	10	6	103
ProcEng	ChemEngineering	11	10	21	17	8	3	70
	Matprocessing/Textiles/Paper	19	27	32	23	21	7	129
	Handl/Printing	28	31	39	18	10	1	127
	Agric&FoodProcess-Machines	2	2	1	0	4	0	9
	Environment	6	5	9	6	5	1	32
MechEng	MachineTools	22	12	21	9	3	4	71
	Motors	35	21	38	35	20	7	156
	ThermProcesses	12	8	8	7	5	2	42
	MechElements	28	22	45	17	13	5	130
	Transportation	43	34	58	32	14	10	191
ConsConst	ConsGoods	18	12	22	15	11	2	80
	ConstrTechn	8	2	7	2	4	0	23
Total		671	573	934	593	419	116	3,306

		N	1	2	3	4	5	Total
ElecEng	Electr/Energy	276	21.4%	22.8%	28.3%	16.3%	11.2%	100%
	Audiovisual	157	26.8%	20.4%	27.4%	16.6%	8.9%	100%
	Telecom	189	22.8%	20.1%	36.0%	13.2%	7.9%	100%
	IT	160	30.6%	22.5%	26.3%	10.6%	10.0%	100%
	Semiconductors	143	22.4%	19.6%	28.7%	16.1%	13.3%	100%
Instruments	Optical	152	19.7%	16.4%	28.9%	22.4%	12.5%	100%
	Analysis/Measurement/ControlTech	232	27.2%	16.8%	24.1%	19.4%	12.5%	100%
	MedicalTechn	125	12.0%	14.4%	25.6%	24.0%	24.0%	100%
	NuclearTechn	13	7.7%	0.0%	23.1%	46.2%	23.1%	100%
Chemistry	OrganicChem	154	8.4%	16.2%	35.1%	20.1%	20.1%	100%
	Polymers	127	11.8%	21.3%	27.6%	28.3%	11.0%	100%
	Pharmaceuticals/Cosmetics	116	12.1%	9.5%	30.2%	21.6%	26.7%	100%
	Biotechnology	87	17.2%	12.6%	25.3%	23.0%	21.8%	100%
	Agric&Foods	19	21.1%	10.5%	31.6%	15.8%	21.1%	100%
	PetrolChem/MaterialsChem	68	14.7%	14.7%	32.4%	22.1%	16.2%	100%
	SurfaceTechn	57	24.6%	5.3%	42.1%	19.3%	8.8%	100%
	Materials	97	20.6%	19.6%	28.9%	20.6%	10.3%	100%
ProcEng	ChemEngineering	67	16.4%	14.9%	31.3%	25.4%	11.9%	100%
	Matprocessing/Textiles/Paper	122	15.6%	22.1%	26.2%	18.9%	17.2%	100%
	Handl/Printing	126	22.2%	24.6%	31.0%	14.3%	7.9%	100%
	Agric&FoodProcess-Machines	9	22.2%	22.2%	11.1%	0.0%	44.4%	100%
	Environment	31	19.4%	16.1%	29.0%	19.4%	16.1%	100%
MechEng	MachineTools	67	32.8%	17.9%	31.3%	13.4%	4.5%	100%
	Motors	149	23.5%	14.1%	25.5%	23.5%	13.4%	100%
	ThermProcesses	40	30.0%	20.0%	20.0%	17.5%	12.5%	100%
	MechElements	125	22.4%	17.6%	36.0%	13.6%	10.4%	100%
	Transportation	181	23.8%	18.8%	32.0%	17.7%	7.7%	100%
ConsConst	ConsGoods	78	23.1%	15.4%	28.2%	19.2%	14.1%	100%
	ConstrTechn	23	34.8%	8.7%	30.4%	8.7%	17.4%	100%
All		3190	21.0%	18.0%	29.3%	18.6%	13.1%	100%

D3 「当該発明」をする上での動機
持続可能な開発や環境保護

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	61	58	82	44	30	8	283
	Audiovisual	44	36	47	20	6	9	162
	Telecom	54	35	65	22	11	8	195
	IT	51	37	41	19	11	8	167
	Semiconductors	32	28	47	20	15	2	144
Instruments	Optical	41	29	43	22	17	5	157
	Analysis/Measurement/ControlTech	73	48	59	27	26	13	246
	MedicalTechn	32	22	40	15	11	10	130
	NuclearTechn	2	3	1	7	0	1	14
Chemistry	OrganicChem	33	31	51	20	16	5	156
	Polymers	15	34	37	27	13	5	131
	Pharmaceuticals/Cosmetics	34	22	33	13	13	3	118
	Biotechnology	26	12	27	12	6	6	89
	Agric&Foods	5	4	5	4	1	1	20
	PetrolChem/MaterialsChem	16	8	23	12	11	1	71
	SurfaceTechn	14	6	17	14	5	4	60
	Materials	20	13	33	13	17	7	103
ProcEng	ChemEngineering	10	10	18	21	8	3	70
	Matprocessing/Textiles/Paper	22	33	34	15	17	8	129
	Handl/Printing	38	30	36	13	9	1	127
	Agric&FoodProcess-Machines	3	1	2	0	2	1	9
	Environment	5	5	7	7	6	2	32
MechEng	MachineTools	22	10	27	5	4	3	71
	Motors	34	11	45	36	25	5	156
	ThermProcesses	8	7	11	8	6	2	42
	MechElements	32	24	43	19	7	5	130
	Transportation	46	43	52	27	10	13	191
ConsConst	ConsGoods	18	20	28	6	4	4	80
	ConstrTechn	10	5	5	1	2	0	23
Total		801	625	959	469	309	143	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	22.2%	21.1%	29.8%	16.0%	10.9%	100%	275
	Audiovisual	28.8%	23.5%	30.7%	13.1%	3.9%	100%	153
	Telecom	28.9%	18.7%	34.8%	11.8%	5.9%	100%	187
	IT	32.1%	23.3%	25.8%	11.9%	6.9%	100%	159
	Semiconductors	22.5%	19.7%	33.1%	14.1%	10.6%	100%	142
Instruments	Optical	27.0%	19.1%	28.3%	14.5%	11.2%	100%	152
	Analysis/Measurement/ControlTech	31.3%	20.6%	25.3%	11.6%	11.2%	100%	233
	MedicalTechn	26.7%	18.3%	33.3%	12.5%	9.2%	100%	120
	NuclearTechn	15.4%	23.1%	7.7%	53.8%	0.0%	100%	13
Chemistry	OrganicChem	21.9%	20.5%	33.8%	13.2%	10.6%	100%	151
	Polymers	11.9%	27.0%	29.4%	21.4%	10.3%	100%	126
	Pharmaceuticals/Cosmetics	29.6%	19.1%	28.7%	11.3%	11.3%	100%	115
	Biotechnology	31.3%	14.5%	32.5%	14.5%	7.2%	100%	83
	Agric&Foods	26.3%	21.1%	26.3%	21.1%	5.3%	100%	19
	PetrolChem/MaterialsChem	22.9%	11.4%	32.9%	17.1%	15.7%	100%	70
	SurfaceTechn	25.0%	10.7%	30.4%	25.0%	8.9%	100%	56
	Materials	20.8%	13.5%	34.4%	13.5%	17.7%	100%	96
ProcEng	ChemEngineering	14.9%	14.9%	26.9%	31.3%	11.9%	100%	67
	Matprocessing/Textiles/Paper	18.2%	27.3%	28.1%	12.4%	14.0%	100%	121
	Handl/Printing	30.2%	23.8%	28.6%	10.3%	7.1%	100%	126
	Agric&FoodProcess-Machines	37.5%	12.5%	25.0%	0.0%	25.0%	100%	8
	Environment	16.7%	16.7%	23.3%	23.3%	20.0%	100%	30
MechEng	MachineTools	32.4%	14.7%	39.7%	7.4%	5.9%	100%	68
	Motors	22.5%	7.3%	29.8%	23.8%	16.6%	100%	151
	ThermProcesses	20.0%	17.5%	27.5%	20.0%	15.0%	100%	40
	MechElements	25.6%	19.2%	34.4%	15.2%	5.6%	100%	125
	Transportation	25.8%	24.2%	29.2%	15.2%	5.6%	100%	178
ConsConst	ConsGoods	23.7%	26.3%	36.8%	7.9%	5.3%	100%	76
	ConstrTechn	43.5%	21.7%	21.7%	4.3%	8.7%	100%	23
All		25.3%	19.8%	30.3%	14.8%	9.8%	100%	3163

D3 「当該発明」をする上での動機
その他

		重要でない					非常に重要	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	33	1	7	0	8	234	283
	Audiovisual	21	1	5	0	7	128	162
	Telecom	28	0	6	0	8	153	195
	IT	35	1	5	1	4	121	167
	Semiconductors	17	1	5	1	3	117	144
Instruments	Optical	18	1	6	1	4	127	157
	Analysis/Measurement/ControlTech	29	0	8	1	11	197	246
	MedicalTechn	16	0	6	0	6	102	130
	NuclearTechn	0	0	1	0	0	13	14
Chemistry	OrganicChem	20	2	11	0	3	120	156
	Polymers	8	0	3	0	1	119	131
	Pharmaceuticals/Cosmetics	18	0	5	1	1	93	118
	Biotechnology	11	0	1	1	2	74	89
	Agric&Foods	2	0	1	0	0	17	20
	PetrolChem/MaterialsChem	5	0	3	0	1	62	71
	SurfaceTechn	7	0	3	0	1	49	60
	Materials	9	0	1	0	3	90	103
ProcEng	ChemEngineering	7	0	0	0	3	60	70
	Matprocessing/Textiles/Paper	11	0	3	0	2	113	129
	Handl/Printing	25	1	6	0	3	92	127
	Agric&FoodProcess-Machines	1	0	0	0	0	8	9
	Environment	2	0	0	0	0	30	32
MechEng	MachineTools	15	1	1	0	2	52	71
	Motors	17	0	3	1	7	128	156
	ThermProcesses	5	0	2	0	1	34	42
	MechElements	14	1	6	0	1	108	130
	Transportation	24	0	2	1	6	158	191
ConsConst	ConsGoods	8	0	2	0	2	68	80
	ConstrTechn	0	0	0	0	1	22	23
Total		406	10	102	8	91	2689	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	67.3%	2.0%	14.3%	0.0%	16.3%	100%	49
	Audiovisual	61.8%	2.9%	14.7%	0.0%	20.6%	100%	34
	Telecom	66.7%	0.0%	14.3%	0.0%	19.0%	100%	42
	IT	76.1%	2.2%	10.9%	2.2%	8.7%	100%	46
	Semiconductors	63.0%	3.7%	18.5%	3.7%	11.1%	100%	27
Instruments	Optical	60.0%	3.3%	20.0%	3.3%	13.3%	100%	30
	Analysis/Measurement/ControlTech	59.2%	0.0%	16.3%	2.0%	22.4%	100%	49
	MedicalTechn	57.1%	0.0%	21.4%	0.0%	21.4%	100%	28
	NuclearTechn	0.0%	0.0%	100.0%	0.0%	0.0%	100%	1
Chemistry	OrganicChem	55.6%	5.6%	30.6%	0.0%	8.3%	100%	36
	Polymers	66.7%	0.0%	25.0%	0.0%	8.3%	100%	12
	Pharmaceuticals/Cosmetics	72.0%	0.0%	20.0%	4.0%	4.0%	100%	25
	Biotechnology	73.3%	0.0%	6.7%	6.7%	13.3%	100%	15
	Agric&Foods	66.7%	0.0%	33.3%	0.0%	0.0%	100%	3
	PetrolChem/MaterialsChem	55.6%	0.0%	33.3%	0.0%	11.1%	100%	9
	SurfaceTechn	63.6%	0.0%	27.3%	0.0%	9.1%	100%	11
	Materials	69.2%	0.0%	7.7%	0.0%	23.1%	100%	13
ProcEng	ChemEngineering	70.0%	0.0%	0.0%	0.0%	30.0%	100%	10
	Matprocessing/Textiles/Paper	68.8%	0.0%	18.8%	0.0%	12.5%	100%	16
	Handl/Printing	71.4%	2.9%	17.1%	0.0%	8.6%	100%	35
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Environment	100.0%	0.0%	0.0%	0.0%	0.0%	100%	2
MechEng	MachineTools	78.9%	5.3%	5.3%	0.0%	10.5%	100%	19
	Motors	60.7%	0.0%	10.7%	3.6%	25.0%	100%	28
	ThermProcesses	62.5%	0.0%	25.0%	0.0%	12.5%	100%	8
	MechElements	63.6%	4.5%	27.3%	0.0%	4.5%	100%	22
	Transportation	72.7%	0.0%	6.1%	3.0%	18.2%	100%	33
ConsConst	ConsGoods	66.7%	0.0%	16.7%	0.0%	16.7%	100%	12
	ConstrTechn	0.0%	0.0%	0.0%	0.0%	100.0%	100%	1
All		65.8%	1.6%	16.5%	1.3%	14.7%	100%	617

		N	mean	p50	sd	min	max
ElecEng	Electr/Energy	276	46.3	50.0	19.7	2	100
	Audiovisual	160	46.4	50.0	18.2	1	100
	Telecom	187	47.2	50.0	17.0	1	100
	IT	155	47.1	50.0	19.3	1	120
	Semiconductors	143	47.3	50.0	18.5	1	90
Instruments	Optical	149	48.4	50.0	20.0	2	120
	Analysis/Measurement/ControlTech	234	47.3	50.0	19.7	1	100
	MedicalTechn	122	47.7	50.0	21.1	1	100
	NuclearTechn	14	56.6	50.0	10.0	48	80
Chemistry	OrganicChem	152	46.1	50.0	19.6	2	100
	Polymers	124	48.2	50.0	19.3	1	100
	Pharmaceuticals/Cosmetics	117	46.1	50.0	20.4	0	105
	Biotechnology	84	48.5	50.0	21.9	1	100
	Agric&Foods	18	42.9	50.0	22.7	8	100
	PetrolChem/MaterialsChem	68	45.1	50.0	19.8	3	96
	SurfaceTechn	60	44.8	50.0	20.8	8	90
	Materials	98	48.0	50.0	21.0	1	120
ProcEng	ChemEngineering	69	46.5	50.0	20.2	6	100
	Matprocessing/Textiles/Paper	125	45.3	50.0	20.1	1	85
	Handl/Printing	124	44.9	50.0	20.0	1	100
	Agric&FoodProcess-Machines	8	40.5	40.0	21.0	4	70
	Environment	32	45.2	50.0	20.1	5	80
MechEng	MachineTools	68	52.4	55.0	16.2	6	100
	Motors	152	47.6	50.0	16.6	1	100
	ThermProcesses	39	43.8	50.0	20.0	2	80
	MechElements	125	46.9	50.0	19.4	1	90
	Transportation	185	46.7	50.0	19.5	0	100
ConsConst	ConsGoods	77	44.1	50.0	18.7	2	100
	ConstrTechn	22	40.5	50.0	20.5	1	60
All		3187	46.8	50	19.4	0	120

%

		N	mean	p50	sd	min	max
ElecEng	Electr/Energy	274	30.0	30.0	21.0	0	98
	Audiovisual	156	26.8	20.0	22.4	0	100
	Telecom	184	26.8	20.0	21.7	0	100
	IT	152	25.5	20.0	20.5	0	90
	Semiconductors	142	29.3	22.5	20.8	0	100
Instruments	Optical	147	32.5	30.0	22.0	0	90
	Analysis/Measurement/ControlTech	225	29.1	20.0	22.8	0	100
	MedicalTechn	120	31.8	25.0	21.9	0	90
	NuclearTechn	14	41.4	27.5	26.8	10	90
Chemistry	OrganicChem	150	26.9	20.0	19.4	0	80
	Polymers	125	27.1	20.0	17.5	0	90
	Pharmaceuticals/Cosmetics	112	25.0	20.0	19.0	0	70
	Biotechnology	82	29.2	22.5	21.2	0	85
	Agric&Foods	18	25.6	20.0	19.6	0	75
	PetrolChem/MaterialsChem	66	27.8	22.5	18.5	0	80
	SurfaceTechn	59	27.5	25.0	19.9	0	80
	Materials	98	27.1	20.0	19.3	0	80
ProcEng	ChemEngineering	67	27.5	20.0	20.1	0	80
	Matprocessing/Textiles/Paper	121	27.1	20.0	20.0	0	80
	Handl/Printing	121	27.8	20.0	19.9	0	80
	Agric&FoodProcess-Machines	8	36.3	35.0	25.6	0	80
	Environment	32	32.0	25.0	23.7	0	80
MechEng	MachineTools	68	27.2	20.0	19.0	0	80
	Motors	146	30.4	20.0	24.6	0	99
	ThermProcesses	39	23.8	20.0	16.3	0	70
	MechElements	122	27.8	25.0	20.8	0	90
	Transportation	179	31.1	20.0	24.5	0	100
ConsConst	ConsGoods	73	30.5	30.0	22.2	0	85
	ConstrTechn	21	26.7	15.0	27.3	0	95
All		3121	28.5	20	21.3	0	100

		全然考え なかった	時々考え た	頻繁に考 えた			無回答	Total
ElecEng	Electr/Energy	1	2	3	4	5		
	Audiovisual	27	94	33	34	38	57	283
	Telecom	23	50	22	20	16	31	162
	IT	32	61	27	26	17	32	195
	Semiconductors	35	43	13	17	17	42	167
Instruments	Optical	11	44	18	25	16	30	144
	Analysis/Measurement/ControlTech	18	47	13	23	25	31	157
	MedicalTechn	26	70	24	32	34	60	246
	NuclearTechn	17	32	19	18	15	29	130
Chemistry	OrganicChem	0	5	2	2	1	4	14
	Polymers	14	41	19	34	18	30	156
	Pharmaceuticals/Cosmetics	7	41	17	29	10	27	131
	Biotechnology	10	32	12	8	21	35	118
	Agric&Foods	8	20	9	16	12	24	89
	PetrolChem/MaterialsChem	3	5	2	3	2	5	20
	SurfaceTechn	10	23	11	12	4	11	71
	Materials	7	23	4	8	5	13	60
ProcEng	ChemEngineering	12	27	11	14	13	26	103
	Matprocessing/Textiles/Paper	6	14	9	13	11	17	70
	Handl/Printing	17	27	9	27	20	29	129
	Agric&FoodProcess-Machines	20	39	16	20	13	19	127
	Environment	1	4	0	0	0	4	9
MechEng	MachineTools	3	8	5	5	5	6	32
	Motors	10	24	7	8	8	14	71
	ThermProcesses	20	53	12	27	12	32	156
	MechElements	6	19	5	3	5	4	42
	Transportation	12	37	18	25	12	26	130
ConsConst	ConsGoods	14	72	24	23	18	40	191
	ConstrTechn	4	23	13	10	14	16	80
		3	8	1	1	1	9	23
Total		376	986	375	483	383	703	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	11.9%	41.6%	14.6%	15.0%	16.8%	100.0%	226
	Audiovisual	17.6%	38.2%	16.8%	15.3%	12.2%	100.0%	131
	Telecom	19.6%	37.4%	16.6%	16.0%	10.4%	100.0%	163
	IT	28.0%	34.4%	10.4%	13.6%	13.6%	100.0%	125
	Semiconductors	9.6%	38.6%	15.8%	21.9%	14.0%	100.0%	114
Instruments	Optical	14.3%	37.3%	10.3%	18.3%	19.8%	100.0%	126
	Analysis/Measurement/ControlTech	14.0%	37.6%	12.9%	17.2%	18.3%	100.0%	186
	MedicalTechn	16.8%	31.7%	18.8%	17.8%	14.9%	100.0%	101
	NuclearTechn	0.0%	50.0%	20.0%	20.0%	10.0%	100.0%	10
Chemistry	OrganicChem	11.1%	32.5%	15.1%	27.0%	14.3%	100.0%	126
	Polymers	6.7%	39.4%	16.3%	27.9%	9.6%	100.0%	104
	Pharmaceuticals/Cosmetics	12.0%	38.6%	14.5%	9.6%	25.3%	100.0%	83
	Biotechnology	12.3%	30.8%	13.8%	24.6%	18.5%	100.0%	65
	Agric&Foods	20.0%	33.3%	13.3%	20.0%	13.3%	100.0%	15
	PetrolChem/MaterialsChem	16.7%	38.3%	18.3%	20.0%	6.7%	100.0%	60
	SurfaceTechn	14.9%	48.9%	8.5%	17.0%	10.6%	100.0%	47
	Materials	15.6%	35.1%	14.3%	18.2%	16.9%	100.0%	77
ProcEng	ChemEngineering	11.3%	26.4%	17.0%	24.5%	20.8%	100.0%	53
	Matprocessing/Textiles/Paper	17.0%	27.0%	9.0%	27.0%	20.0%	100.0%	100
	Handl/Printing	18.5%	36.1%	14.8%	18.5%	12.0%	100.0%	108
	Agric&FoodProcess-Machines	20.0%	80.0%	0.0%	0.0%	0.0%	100.0%	5
	Environment	11.5%	30.8%	19.2%	19.2%	19.2%	100.0%	26
MechEng	MachineTools	17.5%	42.1%	12.3%	14.0%	14.0%	100.0%	57
	Motors	16.1%	42.7%	9.7%	21.8%	9.7%	100.0%	124
	ThermProcesses	15.8%	50.0%	13.2%	7.9%	13.2%	100.0%	38
	MechElements	11.5%	35.6%	17.3%	24.0%	11.5%	100.0%	104
	Transportation	9.3%	47.7%	15.9%	15.2%	11.9%	100.0%	151
ConsConst	ConsGoods	6.3%	35.9%	20.3%	15.6%	21.9%	100.0%	64
	ConstrTechn	21.4%	57.1%	7.1%	7.1%	7.1%	100.0%	14
All		14.4%	37.9%	14.4%	18.6%	14.7%	100.0%	2603

		自由裁 量は全 然ない	非常に 低い				非常に 高い		
		0	1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	22	38	43	62	62	46	10	283
	Audiovisual	15	21	22	47	23	27	7	162
	Telecom	15	23	30	53	34	27	13	195
	IT	14	25	19	35	35	32	7	167
	Semiconductors	14	24	19	28	24	32	3	144
Instruments	Optical	6	19	19	41	44	24	4	157
	Analysis/Measurement/ControlTech	23	25	34	69	46	39	10	246
	MedicalTechn	11	24	16	30	20	18	11	130
	NuclearTechn	1	1	1	5	0	6	0	14
Chemistry	OrganicChem	11	18	21	39	31	28	8	156
	Polymers	2	16	13	34	35	22	9	131
	Pharmaceuticals/Cosmetics	12	11	12	29	29	20	5	118
	Biotechnology	4	11	6	18	28	20	2	89
	Agric&Foods	0	2	2	3	8	4	1	20
	PetrolChem/MaterialsChem	4	7	11	23	10	13	3	71
	SurfaceTechn	8	4	12	9	9	14	4	60
ProcEng	Materials	7	7	3	35	27	20	4	103
	ChemEngineering	5	5	4	26	18	7	5	70
	Matprocessing/Textiles/Paper	7	20	15	27	29	21	10	129
	Handl/Printing	11	19	22	28	24	16	7	127
	Agric&FoodProcess-Machines	1	0	0	2	1	3	2	9
MechEng	Environment	2	6	3	8	5	7	1	32
	MachineTools	6	8	11	20	8	15	3	71
	Motors	15	28	20	34	28	23	8	156
	ThermProcesses	4	8	8	6	9	4	3	42
	MechElements	16	11	18	41	27	13	4	130
ConsConst	Transportation	14	30	25	50	33	26	13	191
	ConsGoods	5	11	11	15	25	11	2	80
	ConstrTechn	1	2	4	7	1	7	1	23
Total		256	424	424	824	673	545	160	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	8.1%	13.9%	15.8%	22.7%	22.7%	16.8%	100%	273
	Audiovisual	9.7%	13.5%	14.2%	30.3%	14.8%	17.4%	100%	155
	Telecom	8.2%	12.6%	16.5%	29.1%	18.7%	14.8%	100%	182
	IT	8.8%	15.6%	11.9%	21.9%	21.9%	20.0%	100%	160
	Semiconductors	9.9%	17.0%	13.5%	19.9%	17.0%	22.7%	100%	141
Instruments	Optical	3.9%	12.4%	12.4%	26.8%	28.8%	15.7%	100%	153
	Analysis/Measurement/ControlTech	9.7%	10.6%	14.4%	29.2%	19.5%	16.5%	100%	236
	MedicalTechn	9.2%	20.2%	13.4%	25.2%	16.8%	15.1%	100%	119
	NuclearTechn	7.1%	7.1%	7.1%	35.7%	0.0%	42.9%	100%	14
Chemistry	OrganicChem	7.4%	12.2%	14.2%	26.4%	20.9%	18.9%	100%	148
	Polymers	1.6%	13.1%	10.7%	27.9%	28.7%	18.0%	100%	122
	Pharmaceuticals/Cosmetics	10.6%	9.7%	10.6%	25.7%	25.7%	17.7%	100%	113
	Biotechnology	4.6%	12.6%	6.9%	20.7%	32.2%	23.0%	100%	87
	Agric&Foods	0.0%	10.5%	10.5%	15.8%	42.1%	21.1%	100%	19
	PetrolChem/MaterialsChem	5.9%	10.3%	16.2%	33.8%	14.7%	19.1%	100%	68
	SurfaceTechn	14.3%	7.1%	21.4%	16.1%	16.1%	25.0%	100%	56
ProcEng	Materials	7.1%	7.1%	3.0%	35.4%	27.3%	20.2%	100%	99
	ChemEngineering	7.7%	7.7%	6.2%	40.0%	27.7%	10.8%	100%	65
	Matprocessing/Textiles/Paper	5.9%	16.8%	12.6%	22.7%	24.4%	17.6%	100%	119
	Handl/Printing	9.2%	15.8%	18.3%	23.3%	20.0%	13.3%	100%	120
	Agric&FoodProcess-Machines	14.3%	0.0%	0.0%	28.6%	14.3%	42.9%	100%	7
MechEng	Environment	6.5%	19.4%	9.7%	25.8%	16.1%	22.6%	100%	31
	MachineTools	8.8%	11.8%	16.2%	29.4%	11.8%	22.1%	100%	68
	Motors	10.1%	18.9%	13.5%	23.0%	18.9%	15.5%	100%	148
	ThermProcesses	10.3%	20.5%	20.5%	15.4%	23.1%	10.3%	100%	39
	MechElements	12.7%	8.7%	14.3%	32.5%	21.4%	10.3%	100%	126
ConsConst	Transportation	7.9%	16.9%	14.0%	28.1%	18.5%	14.6%	100%	178
	ConsGoods	6.4%	14.1%	14.1%	19.2%	32.1%	14.1%	100%	78
	ConstrTechn	4.5%	9.1%	18.2%	31.8%	4.5%	31.8%	100%	22
All		8.1%	13.5%	13.5%	26.2%	21.4%	17.3%	100%	3146

		自由裁量 は全然な 非常に低 い						非常に高 い	
		0	1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	5	29	33	80	66	55	15	283
	Audiovisual	6	8	15	44	46	35	8	162
	Telecom	7	10	18	60	53	28	19	195
	IT	10	10	15	43	37	39	13	167
	Semiconductors	7	15	22	37	35	23	5	144
Instruments	Optical	6	14	17	47	44	20	9	157
	Analysis/Masurement/ControlTech	9	23	30	70	58	38	18	246
	MedicalTechn	3	15	14	32	31	21	14	130
	NuclearTechn	0	1	5	4	2	2	0	14
Chemistry	OrganicChem	3	13	17	46	35	33	9	156
	Polymers	0	9	9	37	38	27	11	131
	Pharmaceuticals/Cosmetics	3	10	8	33	27	26	11	118
	Biotechnology	2	9	6	14	37	15	6	89
	Agric&Foods	0	3	1	5	5	3	3	20
	PetrolChem/MaterialsChem	1	2	5	16	23	19	5	71
	SurfaceTechn	1	1	11	12	18	11	6	60
	Materials	4	12	6	24	27	25	5	103
ProcEng	ChemEngineering	4	3	2	21	24	10	6	70
	Matprocessing/Textiles/Paper	3	9	10	33	30	33	11	129
	Handl/Printing	4	13	21	36	27	19	7	127
	Agric&FoodProcess-Machines	0	0	0	1	4	2	2	9
	Environment	1	3	2	8	8	9	1	32
MechEng	MachineTools	1	9	7	25	12	11	6	71
	Motors	6	12	20	50	40	19	9	156
	ThermProcesses	0	3	9	12	9	6	3	42
	MechElements	4	10	16	45	25	23	7	130
	Transportation	9	9	23	54	47	31	18	191
ConsConst	ConsGoods	2	5	8	24	21	15	5	80
	ConstrTechn	0	1	3	8	2	9	0	23
Total		101	261	353	921	831	607	232	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	1.9%	10.8%	12.3%	29.9%	24.6%	20.5%	100%	268
	Audiovisual	3.9%	5.2%	9.7%	28.6%	29.9%	22.7%	100%	154
	Telecom	4.0%	5.7%	10.2%	34.1%	30.1%	15.9%	100%	176
	IT	6.5%	6.5%	9.7%	27.9%	24.0%	25.3%	100%	154
	Semiconductors	5.0%	10.8%	15.8%	26.6%	25.2%	16.5%	100%	139
Instruments	Optical	4.1%	9.5%	11.5%	31.8%	29.7%	13.5%	100%	148
	Analysis/Masurement/ControlTech	3.9%	10.1%	13.2%	30.7%	25.4%	16.7%	100%	228
	MedicalTechn	2.6%	12.9%	12.1%	27.6%	26.7%	18.1%	100%	116
	NuclearTechn	0.0%	7.1%	35.7%	28.6%	14.3%	14.3%	100%	14
Chemistry	OrganicChem	2.0%	8.8%	11.6%	31.3%	23.8%	22.4%	100%	147
	Polymers	0.0%	7.5%	7.5%	30.8%	31.7%	22.5%	100%	120
	Pharmaceuticals/Cosmetics	2.8%	9.3%	7.5%	30.8%	25.2%	24.3%	100%	107
	Biotechnology	2.4%	10.8%	7.2%	16.9%	44.6%	18.1%	100%	83
	Agric&Foods	0.0%	17.6%	5.9%	29.4%	29.4%	17.6%	100%	17
	PetrolChem/MaterialsChem	1.5%	3.0%	7.6%	24.2%	34.8%	28.8%	100%	66
	SurfaceTechn	1.9%	1.9%	20.4%	22.2%	33.3%	20.4%	100%	54
	Materials	4.1%	12.2%	6.1%	24.5%	27.6%	25.5%	100%	98
ProcEng	ChemEngineering	6.3%	4.7%	3.1%	32.8%	37.5%	15.6%	100%	64
	Matprocessing/Textiles/Paper	2.5%	7.6%	8.5%	28.0%	25.4%	28.0%	100%	118
	Handl/Printing	3.3%	10.8%	17.5%	30.0%	22.5%	15.8%	100%	120
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	14.3%	57.1%	28.6%	100%	7
	Environment	3.2%	9.7%	6.5%	25.8%	25.8%	29.0%	100%	31
MechEng	MachineTools	1.5%	13.8%	10.8%	38.5%	18.5%	16.9%	100%	65
	Motors	4.1%	8.2%	13.6%	34.0%	27.2%	12.9%	100%	147
	ThermProcesses	0.0%	7.7%	23.1%	30.8%	23.1%	15.4%	100%	39
	MechElements	3.3%	8.1%	13.0%	36.6%	20.3%	18.7%	100%	123
	Transportation	5.2%	5.2%	13.3%	31.2%	27.2%	17.9%	100%	173
ConsConst	ConsGoods	2.7%	6.7%	10.7%	32.0%	28.0%	20.0%	100%	75
	ConstrTechn	0.0%	4.3%	13.0%	34.8%	8.7%	39.1%	100%	23
All		3.3%	8.5%	11.5%	30.0%	27.0%	19.7%	100%	3074

		自由裁量 は全然な 非常に低 い						非常に高 い	
		0	1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	23	20	25	72	75	59	9	283
	Audiovisual	12	6	10	42	51	37	4	162
	Telecom	15	11	20	42	57	35	15	195
	IT	13	13	17	34	37	46	7	167
	Semiconductors	13	13	17	29	36	33	3	144
Instruments	Optical	8	9	21	44	40	29	6	157
	Analysis/Masurement/ControlTech	17	27	28	53	59	48	14	246
	MedicalTechn	16	18	14	35	21	15	11	130
	NuclearTechn	3	2	1	1	4	3	0	14
Chemistry	OrganicChem	9	11	6	45	33	43	9	156
	Polymers	9	4	13	28	37	33	7	131
	Pharmaceuticals/Cosmetics	12	8	8	19	36	31	4	118
	Biotechnology	4	10	10	12	27	24	2	89
	Agric&Foods	4	1	1	2	4	5	3	20
	PetrolChem/MaterialsChem	4	2	5	19	17	21	3	71
	SurfaceTechn	6	4	10	11	11	13	5	60
	Materials	11	13	5	21	27	23	3	103
ProcEng	ChemEngineering	2	0	7	21	20	18	2	70
	Matprocessing/Textiles/Paper	6	10	12	31	31	33	6	129
	Handl/Printing	12	21	10	20	27	34	3	127
	Agric&FoodProcess-Machines	1	1	0	0	3	4	0	9
	Environment	1	2	4	4	10	10	1	32
MechEng	MachineTools	11	7	4	18	16	14	1	71
	Motors	5	12	4	35	48	44	8	156
	ThermProcesses	2	5	6	11	11	4	3	42
	MechElements	8	10	22	34	27	26	3	130
	Transportation	8	6	19	46	52	51	9	191
ConsConst	ConsGoods	9	9	11	21	19	9	2	80
	ConstrTechn	0	3	1	6	7	6	0	23
Total		244	258	311	756	843	751	143	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	8.4%	7.3%	9.1%	26.3%	27.4%	21.5%	100.0%	274
	Audiovisual	7.6%	3.8%	6.3%	26.6%	32.3%	23.4%	100.0%	158
	Telecom	8.3%	6.1%	11.1%	23.3%	31.7%	19.4%	100.0%	180
	IT	8.1%	8.1%	10.6%	21.3%	23.1%	28.8%	100.0%	160
	Semiconductors	9.2%	9.2%	12.1%	20.6%	25.5%	23.4%	100.0%	141
Instruments	Optical	5.3%	6.0%	13.9%	29.1%	26.5%	19.2%	100.0%	151
	Analysis/Masurement/ControlTech	7.3%	11.6%	12.1%	22.8%	25.4%	20.7%	100.0%	232
	MedicalTechn	13.4%	15.1%	11.8%	29.4%	17.6%	12.6%	100.0%	119
	NuclearTechn	21.4%	14.3%	7.1%	7.1%	28.6%	21.4%	100.0%	14
Chemistry	OrganicChem	6.1%	7.5%	4.1%	30.6%	22.4%	29.3%	100.0%	147
	Polymers	7.3%	3.2%	10.5%	22.6%	29.8%	26.6%	100.0%	124
	Pharmaceuticals/Cosmetics	10.5%	7.0%	7.0%	16.7%	31.6%	27.2%	100.0%	114
	Biotechnology	4.6%	11.5%	11.5%	13.8%	31.0%	27.6%	100.0%	87
	Agric&Foods	23.5%	5.9%	5.9%	11.8%	23.5%	29.4%	100.0%	17
	PetrolChem/MaterialsChem	5.9%	2.9%	7.4%	27.9%	25.0%	30.9%	100.0%	68
	SurfaceTechn	10.9%	7.3%	18.2%	20.0%	20.0%	23.6%	100.0%	55
	Materials	11.0%	13.0%	5.0%	21.0%	27.0%	23.0%	100.0%	100
ProcEng	ChemEngineering	2.9%	0.0%	10.3%	30.9%	29.4%	26.5%	100.0%	68
	Matprocessing/Textiles/Paper	4.9%	8.1%	9.8%	25.2%	25.2%	26.8%	100.0%	123
	Handl/Printing	9.7%	16.9%	8.1%	16.1%	21.8%	27.4%	100.0%	124
	Agric&FoodProcess-Machines	11.1%	11.1%	0.0%	0.0%	33.3%	44.4%	100.0%	9
	Environment	3.2%	6.5%	12.9%	12.9%	32.3%	32.3%	100.0%	31
MechEng	MachineTools	15.7%	10.0%	5.7%	25.7%	22.9%	20.0%	100.0%	70
	Motors	3.4%	8.1%	2.7%	23.6%	32.4%	29.7%	100.0%	148
	ThermProcesses	5.1%	12.8%	15.4%	28.2%	28.2%	10.3%	100.0%	39
	MechElements	6.3%	7.9%	17.3%	26.8%	21.3%	20.5%	100.0%	127
	Transportation	4.4%	3.3%	10.4%	25.3%	28.6%	28.0%	100.0%	182
ConsConst	ConsGoods	11.5%	11.5%	14.1%	26.9%	24.4%	11.5%	100.0%	78
	ConstrTechn	0.0%	13.0%	4.3%	26.1%	30.4%	26.1%	100.0%	23
All		7.7%	8.2%	9.8%	23.9%	26.7%	23.7%	100%	3163

		自由裁量 は全然な 非常に低 い						非常に高 い	
		0	1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	21	28	61	99	34	23	17	283
	Audiovisual	20	21	39	51	20	2	9	162
	Telecom	25	26	43	58	13	9	21	195
	IT	25	32	30	39	20	9	12	167
	Semiconductors	17	26	23	41	24	9	4	144
Instruments	Optical	6	31	34	51	19	6	10	157
	Analysis/Masurement/ControlTech	19	35	56	71	34	13	18	246
	MedicalTechn	12	25	25	39	11	5	13	130
	NuclearTechn	1	3	2	6	1	1	0	14
Chemistry	OrganicChem	11	19	33	44	30	9	10	156
	Polymers	8	13	26	40	24	9	11	131
	Pharmaceuticals/Cosmetics	12	19	15	37	25	4	6	118
	Biotechnology	2	12	22	22	20	7	4	89
	Agric&Foods	1	2	2	7	3	1	4	20
	PetrolChem/MaterialsChem	5	5	13	22	14	7	5	71
	SurfaceTechn	4	14	9	20	7	3	3	60
	Materials	9	13	27	36	11	2	5	103
ProcEng	ChemEngineering	5	5	15	27	10	5	3	70
	Matprocessing/Textiles/Paper	10	17	28	34	22	10	8	129
	Handl/Printing	12	21	24	39	19	6	6	127
	Agric&FoodProcess-Machines	0	0	2	1	0	4	2	9
	Environment	1	4	9	10	3	4	1	32
MechEng	MachineTools	4	11	12	22	9	6	7	71
	Motors	10	14	33	49	21	12	17	156
	ThermProcesses	0	7	7	14	8	2	4	42
	MechElements	14	20	27	33	23	4	9	130
	Transportation	19	25	35	60	25	14	13	191
ConsConst	ConsGoods	4	14	24	21	11	2	4	80
	ConstrTechn	0	2	3	7	4	4	3	23
Total		277	464	679	1000	465	192	229	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	7.9%	10.5%	22.9%	37.2%	12.8%	8.6%	100.0%	266
	Audiovisual	13.1%	13.7%	25.5%	33.3%	13.1%	1.3%	100.0%	153
	Telecom	14.4%	14.9%	24.7%	33.3%	7.5%	5.2%	100.0%	174
	IT	16.1%	20.6%	19.4%	25.2%	12.9%	5.8%	100.0%	155
	Semiconductors	12.1%	18.6%	16.4%	29.3%	17.1%	6.4%	100.0%	140
Instruments	Optical	4.1%	21.1%	23.1%	34.7%	12.9%	4.1%	100.0%	147
	Analysis/Masurement/ControlTech	8.3%	15.4%	24.6%	31.1%	14.9%	5.7%	100.0%	228
	MedicalTechn	10.3%	21.4%	21.4%	33.3%	9.4%	4.3%	100.0%	117
	NuclearTechn	7.1%	21.4%	14.3%	42.9%	7.1%	7.1%	100.0%	14
Chemistry	OrganicChem	7.5%	13.0%	22.6%	30.1%	20.5%	6.2%	100.0%	146
	Polymers	6.7%	10.8%	21.7%	33.3%	20.0%	7.5%	100.0%	120
	Pharmaceuticals/Cosmetics	10.7%	17.0%	13.4%	33.0%	22.3%	3.6%	100.0%	112
	Biotechnology	2.4%	14.1%	25.9%	25.9%	23.5%	8.2%	100.0%	85
	Agric&Foods	6.3%	12.5%	12.5%	43.8%	18.8%	6.3%	100.0%	16
	PetrolChem/MaterialsChem	7.6%	7.6%	19.7%	33.3%	21.2%	10.6%	100.0%	66
	SurfaceTechn	7.0%	24.6%	15.8%	35.1%	12.3%	5.3%	100.0%	57
	Materials	9.2%	13.3%	27.6%	36.7%	11.2%	2.0%	100.0%	98
ProcEng	ChemEngineering	7.5%	7.5%	22.4%	40.3%	14.9%	7.5%	100.0%	67
	Matprocessing/Textiles/Paper	8.3%	14.0%	23.1%	28.1%	18.2%	8.3%	100.0%	121
	Handl/Printing	9.9%	17.4%	19.8%	32.2%	15.7%	5.0%	100.0%	121
	Agric&FoodProcess-Machines	0.0%	0.0%	28.6%	14.3%	0.0%	57.1%	100.0%	7
	Environment	3.2%	12.9%	29.0%	32.3%	9.7%	12.9%	100.0%	31
MechEng	MachineTools	6.3%	17.2%	18.8%	34.4%	14.1%	9.4%	100.0%	64
	Motors	7.2%	10.1%	23.7%	35.3%	15.1%	8.6%	100.0%	139
	ThermProcesses	0.0%	18.4%	18.4%	36.8%	21.1%	5.3%	100.0%	38
	MechElements	11.6%	16.5%	22.3%	27.3%	19.0%	3.3%	100.0%	121
	Transportation	10.7%	14.0%	19.7%	33.7%	14.0%	7.9%	100.0%	178
ConsConst	ConsGoods	5.3%	18.4%	31.6%	27.6%	14.5%	2.6%	100.0%	76
	ConstrTechn	0.0%	10.0%	15.0%	35.0%	20.0%	20.0%	100.0%	20
All		9.0%	15.1%	22.1%	32.5%	15.1%	6.2%	100%	3077

		自由裁量 は全然な 非常に低 い						非常に高 い	
		0	1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	20	31	47	87	54	27	17	283
	Audiovisual	21	11	34	60	24	4	8	162
	Telecom	23	29	40	54	21	8	20	195
	IT	21	32	32	37	26	7	12	167
	Semiconductors	15	23	20	38	32	11	5	144
Instruments	Optical	10	23	35	43	25	13	8	157
	Analysis/Masurement/ControlTech	12	36	41	62	52	25	18	246
	MedicalTechn	8	19	24	49	15	4	11	130
	NuclearTechn	1	3	2	4	1	3	0	14
Chemistry	OrganicChem	9	19	24	48	33	14	9	156
	Polymers	7	8	30	33	34	9	10	131
	Pharmaceuticals/Cosmetics	10	16	22	30	28	4	8	118
	Biotechnology	3	11	16	23	22	11	3	89
	Agric&Foods	1	1	2	6	4	2	4	20
	PetrolChem/MaterialsChem	3	6	9	21	17	11	4	71
	SurfaceTechn	1	8	6	22	9	11	3	60
	Materials	5	8	19	32	23	10	6	103
ProcEng	ChemEngineering	3	5	12	26	14	5	5	70
	Matprocessing/Textiles/Paper	9	11	26	35	30	12	6	129
	Handl/Printing	10	18	24	41	22	6	6	127
	Agric&FoodProcess-Machines	0	0	1	2	0	4	2	9
	Environment	0	4	7	10	6	3	2	32
MechEng	MachineTools	5	9	9	20	16	7	5	71
	Motors	10	12	32	49	23	12	18	156
	ThermProcesses	1	5	9	12	12	0	3	42
	MechElements	12	20	18	41	23	9	7	130
	Transportation	19	20	37	56	31	15	13	191
ConsConst	ConsGoods	4	9	21	24	17	2	3	80
	ConstrTechn	0	2	4	8	4	2	3	23
Total		243	400	605	976	622	256	219	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	7.5%	11.7%	17.7%	32.7%	20.3%	10.2%	100.0%	266
	Audiovisual	13.6%	7.1%	22.1%	39.0%	15.6%	2.6%	100.0%	154
	Telecom	13.1%	16.6%	22.9%	30.9%	12.0%	4.6%	100.0%	175
	IT	13.5%	20.6%	20.6%	23.9%	16.8%	4.5%	100.0%	155
	Semiconductors	10.8%	16.5%	14.4%	27.3%	23.0%	7.9%	100.0%	139
Instruments	Optical	6.7%	15.4%	23.5%	28.9%	16.8%	8.7%	100.0%	149
	Analysis/Masurement/ControlTech	5.3%	15.8%	18.0%	27.2%	22.8%	11.0%	100.0%	228
	MedicalTechn	6.7%	16.0%	20.2%	41.2%	12.6%	3.4%	100.0%	119
	NuclearTechn	7.1%	21.4%	14.3%	28.6%	7.1%	21.4%	100.0%	14
Chemistry	OrganicChem	6.1%	12.9%	16.3%	32.7%	22.4%	9.5%	100.0%	147
	Polymers	5.8%	6.6%	24.8%	27.3%	28.1%	7.4%	100.0%	121
	Pharmaceuticals/Cosmetics	9.1%	14.5%	20.0%	27.3%	25.5%	3.6%	100.0%	110
	Biotechnology	3.5%	12.8%	18.6%	26.7%	25.6%	12.8%	100.0%	86
	Agric&Foods	6.3%	6.3%	12.5%	37.5%	25.0%	12.5%	100.0%	16
	PetrolChem/MaterialsChem	4.5%	9.0%	13.4%	31.3%	25.4%	16.4%	100.0%	67
	SurfaceTechn	1.8%	14.0%	10.5%	38.6%	15.8%	19.3%	100.0%	57
	Materials	5.2%	8.2%	19.6%	33.0%	23.7%	10.3%	100.0%	97
ProcEng	ChemEngineering	4.6%	7.7%	18.5%	40.0%	21.5%	7.7%	100.0%	65
	Matprocessing/Textiles/Paper	7.3%	8.9%	21.1%	28.5%	24.4%	9.8%	100.0%	123
	Handl/Printing	8.3%	14.9%	19.8%	33.9%	18.2%	5.0%	100.0%	121
	Agric&FoodProcess-Machines	0.0%	0.0%	14.3%	28.6%	0.0%	57.1%	100.0%	7
	Environment	0.0%	13.3%	23.3%	33.3%	20.0%	10.0%	100.0%	30
MechEng	MachineTools	7.6%	13.6%	13.6%	30.3%	24.2%	10.6%	100.0%	66
	Motors	7.2%	8.7%	23.2%	35.5%	16.7%	8.7%	100.0%	138
	ThermProcesses	2.6%	12.8%	23.1%	30.8%	30.8%	0.0%	100.0%	39
	MechElements	9.8%	16.3%	14.6%	33.3%	18.7%	7.3%	100.0%	123
	Transportation	10.7%	11.2%	20.8%	31.5%	17.4%	8.4%	100.0%	178
ConsConst	ConsGoods	5.2%	11.7%	27.3%	31.2%	22.1%	2.6%	100.0%	77
	ConstrTechn	0.0%	10.0%	20.0%	40.0%	20.0%	10.0%	100.0%	20
All		7.9%	13.0%	19.6%	31.6%	20.1%	8.3%	100%	3087

		自由裁 量は全 然ない	非常に低 い				非常に高 い	無回答	Total
ElecEng	Electr/Energy	34	59	44	82	27	10	27	283
	Audiovisual	26	24	23	47	25	2	15	162
	Telecom	21	30	22	52	25	12	33	195
	IT	23	38	25	42	15	8	16	167
	Semiconductors	25	26	19	35	20	12	7	144
Instruments	Optical	14	36	24	40	20	9	14	157
	Analysis/Measurement/ControlTech	31	37	48	54	31	12	33	246
	MedicalTechn	18	26	24	35	6	6	15	130
	NuclearTechn	1	3	3	6	0	1	0	14
Chemistry	OrganicChem	23	41	28	27	17	9	11	156
	Polymers	17	24	36	23	12	4	15	131
	Pharmaceuticals/Cosmetics	20	29	20	26	12	3	8	118
	Biotechnology	9	16	12	21	20	6	5	89
	Agric&Foods	1	6	4	3	3	0	3	20
	PetrolChem/MaterialsChem	8	18	6	21	5	7	6	71
	SurfaceTechn	10	10	7	18	6	2	7	60
ProcEng	Materials	11	15	15	31	17	7	7	103
	ChemEngineering	8	13	13	14	9	5	8	70
	Matprocessing/Textiles/Paper	13	34	20	26	16	7	13	129
	Handl/Printing	21	30	26	22	10	3	15	127
	Agric&FoodProcess-Machines	3	0	0	1	0	2	3	9
MechEng	Environment	1	3	5	11	3	5	4	32
	MachineTools	11	16	10	18	3	0	13	71
	Motors	23	28	29	39	10	4	23	156
	ThermProcesses	3	9	8	12	1	1	8	42
	MechElements	20	29	22	32	7	1	19	130
ConsConst	Transportation	30	38	35	48	13	8	19	191
	ConsGoods	14	8	19	17	3	5	14	80
	ConstrTechn	1	7	3	4	2	1	5	23
Total		440	654	552	810	342	157	366	3,306

		0	1	2	3	4	5	Total	N
ElecEng	Electr/Energy	13.3%	23.0%	17.2%	32.0%	10.5%	3.9%	100.0%	256
	Audiovisual	17.7%	16.3%	15.6%	32.0%	17.0%	1.4%	100.0%	147
	Telecom	13.0%	18.5%	13.6%	32.1%	15.4%	7.4%	100.0%	162
	IT	15.2%	25.2%	16.6%	27.8%	9.9%	5.3%	100.0%	151
	Semiconductors	18.2%	19.0%	13.9%	25.5%	14.6%	8.8%	100.0%	137
Instruments	Optical	9.8%	25.2%	16.8%	28.0%	14.0%	6.3%	100.0%	143
	Analysis/Measurement/ControlTech	14.6%	17.4%	22.5%	25.4%	14.6%	5.6%	100.0%	213
	MedicalTechn	15.7%	22.6%	20.9%	30.4%	5.2%	5.2%	100.0%	115
	NuclearTechn	7.1%	21.4%	21.4%	42.9%	0.0%	7.1%	100.0%	14
Chemistry	OrganicChem	15.9%	28.3%	19.3%	18.6%	11.7%	6.2%	100.0%	145
	Polymers	14.7%	20.7%	31.0%	19.8%	10.3%	3.4%	100.0%	116
	Pharmaceuticals/Cosmetics	18.2%	26.4%	18.2%	23.6%	10.9%	2.7%	100.0%	110
	Biotechnology	10.7%	19.0%	14.3%	25.0%	23.8%	7.1%	100.0%	84
	Agric&Foods	5.9%	35.3%	23.5%	17.6%	17.6%	0.0%	100.0%	17
	PetrolChem/MaterialsChem	12.3%	27.7%	9.2%	32.3%	7.7%	10.8%	100.0%	65
	SurfaceTechn	18.9%	18.9%	13.2%	34.0%	11.3%	3.8%	100.0%	53
ProcEng	Materials	11.5%	15.6%	15.6%	32.3%	17.7%	7.3%	100.0%	96
	ChemEngineering	12.9%	21.0%	21.0%	22.6%	14.5%	8.1%	100.0%	62
	Matprocessing/Textiles/Paper	11.2%	29.3%	17.2%	22.4%	13.8%	6.0%	100.0%	116
	Handl/Printing	18.8%	26.8%	23.2%	19.6%	8.9%	2.7%	100.0%	112
	Agric&FoodProcess-Machines	50.0%	0.0%	0.0%	16.7%	0.0%	33.3%	100.0%	6
MechEng	Environment	3.6%	10.7%	17.9%	39.3%	10.7%	17.9%	100.0%	28
	MachineTools	19.0%	27.6%	17.2%	31.0%	5.2%	0.0%	100.0%	58
	Motors	17.3%	21.1%	21.8%	29.3%	7.5%	3.0%	100.0%	133
	ThermProcesses	8.8%	26.5%	23.5%	35.3%	2.9%	2.9%	100.0%	34
	MechElements	18.0%	26.1%	19.8%	28.8%	6.3%	0.9%	100.0%	111
ConsConst	Transportation	17.4%	22.1%	20.3%	27.9%	7.6%	4.7%	100.0%	172
	ConsGoods	21.2%	12.1%	28.8%	25.8%	4.5%	7.6%	100.0%	66
	ConstrTechn	5.6%	38.9%	16.7%	22.2%	11.1%	5.6%	100.0%	18
All		15.0%	22.2%	18.8%	27.6%	11.6%	5.3%	100%	2940

		はい	いいえ	無回答	Total
ElecEng	Electr/Energy	144	75	64	283
	Audiovisual	89	26	47	162
	Telecom	99	36	60	195
	IT	89	35	43	167
	Semiconductors	73	35	36	144
Instruments	Optical	85	25	47	157
	Analysis/Measurement/ControlTech	117	57	72	246
	MedicalTechn	53	37	40	130
	NuclearTechn	6	4	4	14
Chemistry	OrganicChem	87	33	36	156
	Polymers	79	19	33	131
	Pharmaceuticals/Cosmetics	69	22	27	118
	Biotechnology	57	13	19	89
	Agric&Foods	11	1	8	20
	PetrolChem/MaterialsChem	49	8	14	71
	SurfaceTechn	33	10	17	60
	Materials	60	17	26	103
ProcEng	ChemEngineering	34	15	21	70
	Matprocessing/Textiles/Paper	80	20	29	129
	Handl/Printing	59	23	45	127
	Agric&FoodProcess-Machines	7	1	1	9
	Environment	17	8	7	32
MechEng	MachineTools	31	14	26	71
	Motors	88	23	45	156
	ThermProcesses	21	6	15	42
	MechElements	64	31	35	130
	Transportation	84	39	68	191
ConsConst	ConsGoods	34	23	23	80
	ConstrTechn	15	4	4	23
Total		1734	660	912	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	65.8%	34.2%	100.0%	219
	Audiovisual	77.4%	22.6%	100.0%	115
	Telecom	73.3%	26.7%	100.0%	135
	IT	71.8%	28.2%	100.0%	124
	Semiconductors	67.6%	32.4%	100.0%	108
Instruments	Optical	77.3%	22.7%	100.0%	110
	Analysis/Measurement/ControlTech	67.2%	32.8%	100.0%	174
	MedicalTechn	58.9%	41.1%	100.0%	90
	NuclearTechn	60.0%	40.0%	100.0%	10
Chemistry	OrganicChem	72.5%	27.5%	100.0%	120
	Polymers	80.6%	19.4%	100.0%	98
	Pharmaceuticals/Cosmetics	75.8%	24.2%	100.0%	91
	Biotechnology	81.4%	18.6%	100.0%	70
	Agric&Foods	91.7%	8.3%	100.0%	12
	PetrolChem/MaterialsChem	86.0%	14.0%	100.0%	57
	SurfaceTechn	76.7%	23.3%	100.0%	43
	Materials	77.9%	22.1%	100.0%	77
ProcEng	ChemEngineering	69.4%	30.6%	100.0%	49
	Matprocessing/Textiles/Paper	80.0%	20.0%	100.0%	100
	Handl/Printing	72.0%	28.0%	100.0%	82
	Agric&FoodProcess-Machines	87.5%	12.5%	100.0%	8
	Environment	68.0%	32.0%	100.0%	25
MechEng	MachineTools	68.9%	31.1%	100.0%	45
	Motors	79.3%	20.7%	100.0%	111
	ThermProcesses	77.8%	22.2%	100.0%	27
	MechElements	67.4%	32.6%	100.0%	95
	Transportation	68.3%	31.7%	100.0%	123
ConsConst	ConsGoods	59.6%	40.4%	100.0%	57
	ConstrTechn	78.9%	21.1%	100.0%	19
All		72.4%	27.6%	100.0%	2394

		全然的に同意しない					全面的に同意	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	10	40	80	74	65	14	283
	Audiovisual	6	24	29	43	40	20	162
	Telecom	9	23	28	52	43	40	195
	IT	6	9	33	36	32	51	167
	Semiconductors	16	17	35	47	24	5	144
Instruments	Optical	9	29	36	49	22	12	157
	Analysis/Measurement/ControlTech	7	33	66	67	46	27	246
	MedicalTechn	6	19	36	35	22	12	130
	NuclearTechn	0	4	5	4	1	0	14
Chemistry	OrganicChem	1	10	18	53	72	2	156
	Polymers	2	11	42	50	22	4	131
	Pharmaceuticals/Cosmetics	6	10	15	48	38	1	118
	Biotechnology	6	6	12	30	34	1	89
	Agric&Foods	0	2	5	7	3	3	20
	PetrolChem/MaterialsChem	1	9	23	21	16	1	71
	SurfaceTechn	3	12	15	19	9	2	60
ProcEng	Materials	4	22	24	25	25	3	103
	ChemEngineering	0	15	16	22	15	2	70
	Matprocessing/Textiles/Paper	3	25	34	36	24	7	129
	Handl/Printing	6	25	21	38	16	21	127
	Agric&FoodProcess-Machines	2	0	2	3	1	1	9
MechEng	Environment	3	7	8	7	6	1	32
	MachineTools	3	16	18	17	11	6	71
	Motors	9	20	33	41	40	13	156
	ThermProcesses	2	7	11	13	6	3	42
	MechElements	4	17	33	35	33	8	130
ConsConst	Transportation	8	20	49	46	39	29	191
	ConsGoods	4	10	21	26	11	8	80
	ConstrTechn	1	2	6	4	5	5	23
Total		137	444	754	948	721	302	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.7%	14.9%	29.7%	27.5%	24.2%	100.0%	269
	Audiovisual	4.2%	16.9%	20.4%	30.3%	28.2%	100.0%	142
	Telecom	5.8%	14.8%	18.1%	33.5%	27.7%	100.0%	155
	IT	5.2%	7.8%	28.4%	31.0%	27.6%	100.0%	116
	Semiconductors	11.5%	12.2%	25.2%	33.8%	17.3%	100.0%	139
Instruments	Optical	6.2%	20.0%	24.8%	33.8%	15.2%	100.0%	145
	Analysis/Measurement/ControlTech	3.2%	15.1%	30.1%	30.6%	21.0%	100.0%	219
	MedicalTechn	5.1%	16.1%	30.5%	29.7%	18.6%	100.0%	118
	NuclearTechn	0.0%	28.6%	35.7%	28.6%	7.1%	100.0%	14
Chemistry	OrganicChem	0.6%	6.5%	11.7%	34.4%	46.8%	100.0%	154
	Polymers	1.6%	8.7%	33.1%	39.4%	17.3%	100.0%	127
	Pharmaceuticals/Cosmetics	5.1%	8.5%	12.8%	41.0%	32.5%	100.0%	117
	Biotechnology	6.8%	6.8%	13.6%	34.1%	38.6%	100.0%	88
	Agric&Foods	0.0%	11.8%	29.4%	41.2%	17.6%	100.0%	17
	PetrolChem/MaterialsChem	1.4%	12.9%	32.9%	30.0%	22.9%	100.0%	70
	SurfaceTechn	5.2%	20.7%	25.9%	32.8%	15.5%	100.0%	58
ProcEng	Materials	4.0%	22.0%	24.0%	25.0%	25.0%	100.0%	100
	ChemEngineering	0.0%	22.1%	23.5%	32.4%	22.1%	100.0%	68
	Matprocessing/Textiles/Paper	2.5%	20.5%	27.9%	29.5%	19.7%	100.0%	122
	Handl/Printing	5.7%	23.6%	19.8%	35.8%	15.1%	100.0%	106
	Agric&FoodProcess-Machines	25.0%	0.0%	25.0%	37.5%	12.5%	100.0%	8
MechEng	Environment	9.7%	22.6%	25.8%	22.6%	19.4%	100.0%	31
	MachineTools	4.6%	24.6%	27.7%	26.2%	16.9%	100.0%	65
	Motors	6.3%	14.0%	23.1%	28.7%	28.0%	100.0%	143
	ThermProcesses	5.1%	17.9%	28.2%	33.3%	15.4%	100.0%	39
	MechElements	3.3%	13.9%	27.0%	28.7%	27.0%	100.0%	122
ConsConst	Transportation	4.9%	12.3%	30.2%	28.4%	24.1%	100.0%	162
	ConsGoods	5.6%	13.9%	29.2%	36.1%	15.3%	100.0%	72
	ConstrTechn	5.6%	11.1%	33.3%	22.2%	27.8%	100.0%	18
All		4.6%	14.8%	25.1%	31.6%	24.0%	100.0%	3004

		全然同意 しない					全面的に 同意する	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	13	35	79	77	60	19	283
	Audiovisual	11	18	48	45	27	13	162
	Telecom	9	27	50	40	34	35	195
	IT	7	23	43	39	21	34	167
	Semiconductors	11	29	44	35	21	4	144
Instruments	Optical	13	24	48	42	19	11	157
	Analysis/Measurement/ControlTech	9	38	79	61	38	21	246
	MedicalTechn	12	21	36	32	20	9	130
	NuclearTechn	2	1	5	3	2	1	14
Chemistry	OrganicChem	1	15	39	42	57	2	156
	Polymers	5	14	42	45	18	7	131
	Pharmaceuticals/Cosmetics	9	11	20	42	31	5	118
	Biotechnology	5	9	19	25	30	1	89
	Agric&Foods	0	1	6	7	3	3	20
	PetrolChem/MaterialsChem	5	5	21	21	16	3	71
	SurfaceTechn	4	8	21	16	11	0	60
ProcEng	Materials	8	16	31	24	19	5	103
	ChemEngineering	1	13	20	20	14	2	70
	Matprocessing/Textiles/Paper	5	16	39	39	22	8	129
	Handl/Printing	5	21	39	27	20	15	127
	Agric&FoodProcess-Machines	0	1	1	4	2	1	9
MechEng	Environment	4	4	12	8	3	1	32
	MachineTools	4	12	20	21	8	6	71
	Motors	8	20	41	40	36	11	156
	ThermProcesses	2	5	15	10	5	5	42
	MechElements	4	18	37	33	29	9	130
ConsConst	Transportation	9	31	57	38	32	24	191
	ConsGoods	3	12	24	32	3	6	80
	ConstrTechn	0	4	5	4	6	4	23
Total		169	452	941	872	607	265	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	4.9%	13.3%	29.9%	29.2%	22.7%	100.0%	264
	Audiovisual	7.4%	12.1%	32.2%	30.2%	18.1%	100.0%	149
	Telecom	5.6%	16.9%	31.3%	25.0%	21.3%	100.0%	160
	IT	5.3%	17.3%	32.3%	29.3%	15.8%	100.0%	133
	Semiconductors	7.9%	20.7%	31.4%	25.0%	15.0%	100.0%	140
Instruments	Optical	8.9%	16.4%	32.9%	28.8%	13.0%	100.0%	146
	Analysis/Measurement/ControlTech	4.0%	16.9%	35.1%	27.1%	16.9%	100.0%	225
	MedicalTechn	9.9%	17.4%	29.8%	26.4%	16.5%	100.0%	121
	NuclearTechn	15.4%	7.7%	38.5%	23.1%	15.4%	100.0%	13
Chemistry	OrganicChem	0.6%	9.7%	25.3%	27.3%	37.0%	100.0%	154
	Polymers	4.0%	11.3%	33.9%	36.3%	14.5%	100.0%	124
	Pharmaceuticals/Cosmetics	8.0%	9.7%	17.7%	37.2%	27.4%	100.0%	113
	Biotechnology	5.7%	10.2%	21.6%	28.4%	34.1%	100.0%	88
	Agric&Foods	0.0%	5.9%	35.3%	41.2%	17.6%	100.0%	17
	PetrolChem/MaterialsChem	7.4%	7.4%	30.9%	30.9%	23.5%	100.0%	68
	SurfaceTechn	6.7%	13.3%	35.0%	26.7%	18.3%	100.0%	60
ProcEng	Materials	8.2%	16.3%	31.6%	24.5%	19.4%	100.0%	98
	ChemEngineering	1.5%	19.1%	29.4%	29.4%	20.6%	100.0%	68
	Matprocessing/Textiles/Paper	4.1%	13.2%	32.2%	32.2%	18.2%	100.0%	121
	Handl/Printing	4.5%	18.8%	34.8%	24.1%	17.9%	100.0%	112
	Agric&FoodProcess-Machines	0.0%	12.5%	12.5%	50.0%	25.0%	100.0%	8
MechEng	Environment	12.9%	12.9%	38.7%	25.8%	9.7%	100.0%	31
	MachineTools	6.2%	18.5%	30.8%	32.3%	12.3%	100.0%	65
	Motors	5.5%	13.8%	28.3%	27.6%	24.8%	100.0%	145
	ThermProcesses	5.4%	13.5%	40.5%	27.0%	13.5%	100.0%	37
	MechElements	3.3%	14.9%	30.6%	27.3%	24.0%	100.0%	121
ConsConst	Transportation	5.4%	18.6%	34.1%	22.8%	19.2%	100.0%	167
	ConsGoods	4.1%	16.2%	32.4%	43.2%	4.1%	100.0%	74
	ConstrTechn	0.0%	21.1%	26.3%	21.1%	31.6%	100.0%	19
All		5.6%	14.9%	30.9%	28.7%	20.0%	100.0%	3041

		全然同意しない				全面的に同意		
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	8	54	93	76	38	14	283
	Audiovisual	8	22	51	42	26	13	162
	Telecom	8	26	51	50	33	27	195
	IT	8	24	47	38	18	32	167
	Semiconductors	13	39	39	31	19	3	144
Instruments	Optical	8	37	58	36	10	8	157
	Analysis/Measurement/ControlTech	9	47	80	65	29	16	246
	MedicalTechn	6	35	43	28	11	7	130
	NuclearTechn	0	5	4	3	1	1	14
Chemistry	OrganicChem	3	19	37	51	42	4	156
	Polymers	0	25	46	43	13	4	131
	Pharmaceuticals/Cosmetics	7	13	30	38	26	4	118
	Biotechnology	4	9	27	23	25	1	89
	Agric&Foods	0	1	6	7	3	3	20
	PetrolChem/MaterialsChem	3	9	26	17	14	2	71
	SurfaceTechn	6	8	25	16	4	1	60
	Materials	5	19	30	34	12	3	103
ProcEng	ChemEngineering	0	11	27	20	10	2	70
	Matprocessing/Textiles/Paper	2	24	36	42	17	8	129
	Handl/Printing	8	21	41	34	14	9	127
	Agric&FoodProcess-Machines	1	2	1	2	2	1	9
	Environment	4	4	13	7	3	1	32
MechEng	MachineTools	3	17	25	17	8	1	71
	Motors	6	22	47	43	29	9	156
	ThermProcesses	2	7	14	12	3	4	42
	MechElements	4	21	50	37	13	5	130
	Transportation	8	30	67	45	19	22	191
ConsConst	ConsGoods	3	19	25	22	6	5	80
	ConstrTechn	2	5	5	6	2	3	23
Total		139	575	1044	885	450	213	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.0%	20.1%	34.6%	28.3%	14.1%	100.0%	269
	Audiovisual	5.4%	14.8%	34.2%	28.2%	17.4%	100.0%	149
	Telecom	4.8%	15.5%	30.4%	29.8%	19.6%	100.0%	168
	IT	5.9%	17.8%	34.8%	28.1%	13.3%	100.0%	135
	Semiconductors	9.2%	27.7%	27.7%	22.0%	13.5%	100.0%	141
Instruments	Optical	5.4%	24.8%	38.9%	24.2%	6.7%	100.0%	149
	Analysis/Measurement/ControlTech	3.9%	20.4%	34.8%	28.3%	12.6%	100.0%	230
	MedicalTechn	4.9%	28.5%	35.0%	22.8%	8.9%	100.0%	123
	NuclearTechn	0.0%	38.5%	30.8%	23.1%	7.7%	100.0%	13
Chemistry	OrganicChem	2.0%	12.5%	24.3%	33.6%	27.6%	100.0%	152
	Polymers	0.0%	19.7%	36.2%	33.9%	10.2%	100.0%	127
	Pharmaceuticals/Cosmetics	6.1%	11.4%	26.3%	33.3%	22.8%	100.0%	114
	Biotechnology	4.5%	10.2%	30.7%	26.1%	28.4%	100.0%	88
	Agric&Foods	0.0%	5.9%	35.3%	41.2%	17.6%	100.0%	17
	PetrolChem/MaterialsChem	4.3%	13.0%	37.7%	24.6%	20.3%	100.0%	69
	SurfaceTechn	10.2%	13.6%	42.4%	27.1%	6.8%	100.0%	59
	Materials	5.0%	19.0%	30.0%	34.0%	12.0%	100.0%	100
ProcEng	ChemEngineering	0.0%	16.2%	39.7%	29.4%	14.7%	100.0%	68
	Matprocessing/Textiles/Paper	1.7%	19.8%	29.8%	34.7%	14.0%	100.0%	121
	Handl/Printing	6.8%	17.8%	34.7%	28.8%	11.9%	100.0%	118
	Agric&FoodProcess-Machines	12.5%	25.0%	12.5%	25.0%	25.0%	100.0%	8
	Environment	12.9%	12.9%	41.9%	22.6%	9.7%	100.0%	31
MechEng	MachineTools	4.3%	24.3%	35.7%	24.3%	11.4%	100.0%	70
	Motors	4.1%	15.0%	32.0%	29.3%	19.7%	100.0%	147
	ThermProcesses	5.3%	18.4%	36.8%	31.6%	7.9%	100.0%	38
	MechElements	3.2%	16.8%	40.0%	29.6%	10.4%	100.0%	125
	Transportation	4.7%	17.8%	39.6%	26.6%	11.2%	100.0%	169
ConsConst	ConsGoods	4.0%	25.3%	33.3%	29.3%	8.0%	100.0%	75
	ConstrTechn	10.0%	25.0%	25.0%	30.0%	10.0%	100.0%	20
All		4.5%	18.6%	33.8%	28.6%	14.5%	100.0%	3093

		全然同意しない					全面的に同意する	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	13	54	103	67	28	18	283
	Audiovisual	8	24	60	38	21	11	162
	Telecom	13	33	62	38	29	20	195
	IT	9	28	49	35	14	32	167
	Semiconductors	22	39	36	31	12	4	144
Instruments	Optical	9	39	50	36	13	10	157
	Analysis/Measurement/ControlTech	14	46	79	57	26	24	246
	MedicalTechn	8	27	46	28	14	7	130
	NuclearTechn	1	5	6	1	1	0	14
Chemistry	OrganicChem	6	29	44	39	33	5	156
	Polymers	2	32	51	28	13	5	131
	Pharmaceuticals/Cosmetics	8	19	29	34	18	10	118
	Biotechnology	6	14	23	23	15	8	89
	Agric&Foods	0	3	7	4	3	3	20
	PetrolChem/MaterialsChem	4	12	22	14	15	4	71
	SurfaceTechn	5	13	15	21	2	4	60
ProcEng	Materials	7	20	35	27	11	3	103
	ChemEngineering	2	13	32	10	11	2	70
	Matprocessing/Textiles/Paper	4	22	42	32	20	9	129
	Handl/Printing	4	27	36	35	15	10	127
	Agric&FoodProcess-Machines	1	2	1	2	2	1	9
MechEng	Environment	3	5	15	5	2	2	32
	MachineTools	3	14	27	14	8	5	71
	Motors	5	25	47	40	28	11	156
	ThermProcesses	3	9	15	10	3	2	42
	MechElements	5	17	45	38	18	7	130
	Transportation	8	34	63	41	22	23	191
ConsConst	ConsGoods	3	15	28	19	8	7	80
	ConstrTechn	1	6	7	3	3	3	23
Total		177	626	1075	770	408	250	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	4.9%	20.4%	38.9%	25.3%	10.6%	100%	265
	Audiovisual	5.3%	15.9%	39.7%	25.2%	13.9%	100%	151
	Telecom	7.4%	18.9%	35.4%	21.7%	16.6%	100%	175
	IT	6.7%	20.7%	36.3%	25.9%	10.4%	100%	135
	Semiconductors	15.7%	27.9%	25.7%	22.1%	8.6%	100%	140
Instruments	Optical	6.1%	26.5%	34.0%	24.5%	8.8%	100%	147
	Analysis/Measurement/ControlTech	6.3%	20.7%	35.6%	25.7%	11.7%	100%	222
	MedicalTechn	6.5%	22.0%	37.4%	22.8%	11.4%	100%	123
	NuclearTechn	7.1%	35.7%	42.9%	7.1%	7.1%	100%	14
Chemistry	OrganicChem	4.0%	19.2%	29.1%	25.8%	21.9%	100%	151
	Polymers	1.6%	25.4%	40.5%	22.2%	10.3%	100%	126
	Pharmaceuticals/Cosmetics	7.4%	17.6%	26.9%	31.5%	16.7%	100%	108
	Biotechnology	7.4%	17.3%	28.4%	28.4%	18.5%	100%	81
	Agric&Foods	0.0%	17.6%	41.2%	23.5%	17.6%	100%	17
	PetrolChem/MaterialsChem	6.0%	17.9%	32.8%	20.9%	22.4%	100%	67
	SurfaceTechn	8.9%	23.2%	26.8%	37.5%	3.6%	100%	56
ProcEng	Materials	7.0%	20.0%	35.0%	27.0%	11.0%	100%	100
	ChemEngineering	2.9%	19.1%	47.1%	14.7%	16.2%	100%	68
	Matprocessing/Textiles/Paper	3.3%	18.3%	35.0%	26.7%	16.7%	100%	120
	Handl/Printing	3.4%	23.1%	30.8%	29.9%	12.8%	100%	117
	Agric&FoodProcess-Machines	12.5%	25.0%	12.5%	25.0%	25.0%	100%	8
MechEng	Environment	10.0%	16.7%	50.0%	16.7%	6.7%	100%	30
	MachineTools	4.5%	21.2%	40.9%	21.2%	12.1%	100%	66
	Motors	3.4%	17.2%	32.4%	27.6%	19.3%	100%	145
	ThermProcesses	7.5%	22.5%	37.5%	25.0%	7.5%	100%	40
	MechElements	4.1%	13.8%	36.6%	30.9%	14.6%	100%	123
ConsConst	Transportation	4.8%	20.2%	37.5%	24.4%	13.1%	100%	168
	ConsGoods	4.1%	20.5%	38.4%	26.0%	11.0%	100%	73
	ConstrTechn	5.0%	30.0%	35.0%	15.0%	15.0%	100%	20
All		5.8%	20.5%	35.2%	25.2%	13.4%	100.0%	3056

		全然同意 しない					全面的に 同意する	
		1	2	3	4	5	無回答	Total
ElecEng	Electr/Energy	13	50	93	46	38	13	283
	Audiovisual	7	32	54	38	20	11	162
	Telecom	13	31	58	49	25	19	195
	IT	12	19	42	47	18	29	167
	Semiconductors	13	27	48	34	21	1	144
Instruments	Optical	9	23	60	44	11	10	157
	Analysis/Measurement/ControlTech	9	47	80	54	35	21	246
	MedicalTechn	11	31	43	22	15	8	130
	NuclearTechn	2	5	3	3	1	0	14
Chemistry	OrganicChem	3	16	41	55	37	4	156
	Polymers	0	24	50	38	14	5	131
	Pharmaceuticals/Cosmetics	4	10	38	42	21	3	118
	Biotechnology	3	14	21	29	19	3	89
	Agric&Foods	1	1	8	5	2	3	20
	PetrolChem/MaterialsChem	2	7	20	26	14	2	71
	SurfaceTechn	2	10	24	21	2	1	60
ProcEng	Materials	5	14	31	37	13	3	103
	ChemEngineering	2	7	24	23	9	5	70
	Matprocessing/Textiles/Paper	4	20	41	42	12	10	129
	Handl/Printing	7	23	47	29	11	10	127
	Agric&FoodProcess-Machines	2	2	1	1	2	1	9
MechEng	Environment	2	7	13	6	3	1	32
	MachineTools	6	8	25	19	7	6	71
	Motors	7	20	53	39	30	7	156
	ThermProcesses	3	6	18	10	3	2	42
	MechElements	2	25	54	32	10	7	130
	Transportation	13	30	61	43	21	23	191
ConsConst	ConsGoods	2	20	28	18	6	6	80
	ConstrTechn	2	4	8	3	2	4	23
Total		161	533	1087	885	422	218	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	4.8%	18.5%	34.4%	28.1%	14.1%	100.0%	270
	Audiovisual	4.6%	21.2%	35.8%	25.2%	13.2%	100.0%	151
	Telecom	7.4%	17.6%	33.0%	27.8%	14.2%	100.0%	176
	IT	8.7%	13.8%	30.4%	34.1%	13.0%	100.0%	138
	Semiconductors	9.1%	18.9%	33.6%	23.8%	14.7%	100.0%	143
Instruments	Optical	6.1%	15.6%	40.8%	29.9%	7.5%	100.0%	147
	Analysis/Measurement/ControlTech	4.0%	20.9%	35.6%	24.0%	15.6%	100.0%	225
	MedicalTechn	9.0%	25.4%	35.2%	18.0%	12.3%	100.0%	122
	NuclearTechn	14.3%	35.7%	21.4%	21.4%	7.1%	100.0%	14
Chemistry	OrganicChem	2.0%	10.5%	27.0%	36.2%	24.3%	100.0%	152
	Polymers	0.0%	19.0%	39.7%	30.2%	11.1%	100.0%	126
	Pharmaceuticals/Cosmetics	3.5%	8.7%	33.0%	36.5%	18.3%	100.0%	115
	Biotechnology	3.5%	16.3%	24.4%	33.7%	22.1%	100.0%	86
	Agric&Foods	5.9%	5.9%	47.1%	29.4%	11.8%	100.0%	17
	PetrolChem/MaterialsChem	2.9%	10.1%	29.0%	37.7%	20.3%	100.0%	69
	SurfaceTechn	3.4%	16.9%	40.7%	35.6%	3.4%	100.0%	59
ProcEng	Materials	5.0%	14.0%	31.0%	37.0%	13.0%	100.0%	100
	ChemEngineering	3.1%	10.8%	36.9%	35.4%	13.8%	100.0%	65
	Matprocessing/Textiles/Paper	3.4%	16.8%	34.5%	35.3%	10.1%	100.0%	119
	Handl/Printing	6.0%	19.7%	40.2%	24.8%	9.4%	100.0%	117
	Agric&FoodProcess-Machines	25.0%	25.0%	12.5%	12.5%	25.0%	100.0%	8
MechEng	Environment	6.5%	22.6%	41.9%	19.4%	9.7%	100.0%	31
	MachineTools	9.2%	12.3%	38.5%	29.2%	10.8%	100.0%	65
	Motors	4.7%	13.4%	35.6%	26.2%	20.1%	100.0%	149
	ThermProcesses	7.5%	15.0%	45.0%	25.0%	7.5%	100.0%	40
	MechElements	1.6%	20.3%	43.9%	26.0%	8.1%	100.0%	123
	Transportation	7.7%	17.9%	36.3%	25.6%	12.5%	100.0%	168
ConsConst	ConsGoods	2.7%	27.0%	37.8%	24.3%	8.1%	100.0%	74
	ConstrTechn	10.5%	21.1%	42.1%	15.8%	10.5%	100.0%	19
All		5.2%	17.3%	35.2%	28.7%	13.7%	100.0%	3088

商業的利用

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	8	13	26	51	175	6	4	283
	Audiovisual	7	4	17	40	87	4	3	162
	Telecom	2	10	28	45	100	7	3	195
	IT	10	9	26	31	76	10	5	167
	Semiconductors	4	7	19	30	79	4	1	144
Instruments	Optical	3	7	19	22	95	7	4	157
	Analysis/Masurement/ControlTech	5	5	29	55	135	8	9	246
	MedicalTechn	4	6	9	17	87	5	2	130
	NuclearTechn	1	1	1	0	10	1	0	14
Chemistry	OrganicChem	4	4	19	13	112	2	2	156
	Polymers	0	0	8	28	86	6	3	131
	Pharmaceuticals/Cosmetics	4	2	8	16	81	6	1	118
	Biotechnology	6	4	10	14	49	5	1	89
	Agric&Foods	0	0	2	5	12	0	1	20
	PetrolChem/MaterialsChem	1	2	11	7	49	1	0	71
	SurfaceTechn	1	2	3	11	40	3	0	60
	Materials	0	2	10	19	68	2	2	103
ProcEng	ChemEngineering	2	3	5	11	45	4	0	70
	Matprocessing/Textiles/Paper	1	2	11	12	98	4	1	129
	Handl/Printing	4	5	13	24	72	7	2	127
	Agric&FoodProcess-Machines	1	0	0	2	6	0	0	9
	Environment	0	0	2	5	24	0	1	32
MechEng	MachineTools	3	1	5	16	44	2	0	71
	Motors	5	5	12	26	100	7	1	156
	ThermProcesses	1	1	2	11	24	2	1	42
	MechElements	3	2	15	33	75	1	1	130
	Transportation	3	6	13	41	111	10	7	191
ConsConst	ConsGoods	0	4	10	14	49	3	0	80
	ConstrTechn	0	1	0	2	19	1	0	23
Total		83	108	333	601	2,008	118	55	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	2.9%	4.8%	9.5%	18.7%	64.1%	100%	273
	Audiovisual	4.5%	2.6%	11.0%	25.8%	56.1%	100%	155
	Telecom	1.1%	5.4%	15.1%	24.3%	54.1%	100%	185
	IT	6.6%	5.9%	17.1%	20.4%	50.0%	100%	152
	Semiconductors	2.9%	5.0%	13.7%	21.6%	56.8%	100%	139
Instruments	Optical	2.1%	4.8%	13.0%	15.1%	65.1%	100%	146
	Analysis/Masurement/ControlTech	2.2%	2.2%	12.7%	24.0%	59.0%	100%	229
	MedicalTechn	3.3%	4.9%	7.3%	13.8%	70.7%	100%	123
	NuclearTechn	7.7%	7.7%	7.7%	0.0%	76.9%	100%	13
Chemistry	OrganicChem	2.6%	2.6%	12.5%	8.6%	73.7%	100%	152
	Polymers	0.0%	0.0%	6.6%	23.0%	70.5%	100%	122
	Pharmaceuticals/Cosmetics	3.6%	1.8%	7.2%	14.4%	73.0%	100%	111
	Biotechnology	7.2%	4.8%	12.0%	16.9%	59.0%	100%	83
	Agric&Foods	0.0%	0.0%	10.5%	26.3%	63.2%	100%	19
	PetrolChem/MaterialsChem	1.4%	2.9%	15.7%	10.0%	70.0%	100%	70
	SurfaceTechn	1.8%	3.5%	5.3%	19.3%	70.2%	100%	57
	Materials	0.0%	2.0%	10.1%	19.2%	68.7%	100%	99
ProcEng	ChemEngineering	3.0%	4.5%	7.6%	16.7%	68.2%	100%	66
	Matprocessing/Textiles/Paper	0.8%	1.6%	8.9%	9.7%	79.0%	100%	124
	Handl/Printing	3.4%	4.2%	11.0%	20.3%	61.0%	100%	118
	Agric&FoodProcess-Machines	11.1%	0.0%	0.0%	22.2%	66.7%	100%	9
	Environment	0.0%	0.0%	6.5%	16.1%	77.4%	100%	31
MechEng	MachineTools	4.3%	1.4%	7.2%	23.2%	63.8%	100%	69
	Motors	3.4%	3.4%	8.1%	17.6%	67.6%	100%	148
	ThermProcesses	2.6%	2.6%	5.1%	28.2%	61.5%	100%	39
	MechElements	2.3%	1.6%	11.7%	25.8%	58.6%	100%	128
	Transportation	1.7%	3.4%	7.5%	23.6%	63.8%	100%	174
ConsConst	ConsGoods	0.0%	5.2%	13.0%	18.2%	63.6%	100%	77
	ConstrTechn	0.0%	4.5%	0.0%	9.1%	86.4%	100%	22
All		2.6%	3.4%	10.6%	19.2%	64.1%	100%	3133

E1 「当該発明」の特許化を求める理由

ライセンス供与

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	38	32	66	57	71	13	6	283
	Audiovisual	15	20	34	35	46	8	4	162
	Telecom	13	22	41	40	63	11	5	195
	IT	23	21	33	29	42	15	4	167
	Semiconductors	18	18	42	27	32	6	1	144
Instruments	Optical	22	18	33	32	41	7	4	157
	Analysis/Measurement/ControlTech	39	40	49	40	51	15	12	246
	MedicalTechn	17	21	23	19	36	12	2	130
	NuclearTechn	2	1	2	2	6	1	0	14
Chemistry	OrganicChem	10	15	24	23	70	11	3	156
	Polymers	13	17	23	38	30	7	3	131
	Pharmaceuticals/Cosmetics	18	12	16	20	41	9	2	118
	Biotechnology	6	10	15	16	32	7	3	89
	Agric&Foods	2	4	5	3	3	2	1	20
	PetrolChem/MaterialsChem	13	6	18	12	17	3	2	71
	SurfaceTechn	6	5	13	10	18	5	3	60
ProcEng	Materials	14	13	22	14	28	9	3	103
	ChemEngineering	8	7	16	15	21	3	0	70
	Matprocessing/Textiles/Paper	15	21	30	14	37	10	2	129
	Handl/Printing	21	29	28	12	23	12	2	127
	Agric&FoodProcess-Machines	4	0	0	2	2	0	1	9
MechEng	Environment	2	8	6	3	11	1	1	32
	MachineTools	24	10	12	8	14	3	0	71
	Motors	14	19	43	23	45	10	2	156
	ThermProcesses	6	10	10	4	7	4	1	42
	MechElements	24	18	34	18	26	7	3	130
ConsConst	Transportation	20	25	51	35	41	12	7	191
	ConsGoods	9	17	17	17	9	11	0	80
	ConstrTechn	6	3	4	2	7	1	0	23
Total		422	442	710	570	870	215	77	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	14.4%	12.1%	25.0%	21.6%	26.9%	100%	264
	Audiovisual	10.0%	13.3%	22.7%	23.3%	30.7%	100%	150
	Telecom	7.3%	12.3%	22.9%	22.3%	35.2%	100%	179
	IT	15.5%	14.2%	22.3%	19.6%	28.4%	100%	148
	Semiconductors	13.1%	13.1%	30.7%	19.7%	23.4%	100%	137
Instruments	Optical	15.1%	12.3%	22.6%	21.9%	28.1%	100%	146
	Analysis/Measurement/ControlTech	17.8%	18.3%	22.4%	18.3%	23.3%	100%	219
	MedicalTechn	14.7%	18.1%	19.8%	16.4%	31.0%	100%	116
	NuclearTechn	15.4%	7.7%	15.4%	15.4%	46.2%	100%	13
Chemistry	OrganicChem	7.0%	10.6%	16.9%	16.2%	49.3%	100%	142
	Polymers	10.7%	14.0%	19.0%	31.4%	24.8%	100%	121
	Pharmaceuticals/Cosmetics	16.8%	11.2%	15.0%	18.7%	38.3%	100%	107
	Biotechnology	7.6%	12.7%	19.0%	20.3%	40.5%	100%	79
	Agric&Foods	11.8%	23.5%	29.4%	17.6%	17.6%	100%	17
	PetrolChem/MaterialsChem	19.7%	9.1%	27.3%	18.2%	25.8%	100%	66
	SurfaceTechn	11.5%	9.6%	25.0%	19.2%	34.6%	100%	52
ProcEng	Materials	15.4%	14.3%	24.2%	15.4%	30.8%	100%	91
	ChemEngineering	11.9%	10.4%	23.9%	22.4%	31.3%	100%	67
	Matprocessing/Textiles/Paper	12.8%	17.9%	25.6%	12.0%	31.6%	100%	117
	Handl/Printing	18.6%	25.7%	24.8%	10.6%	20.4%	100%	113
	Agric&FoodProcess-Machines	50.0%	0.0%	0.0%	25.0%	25.0%	100%	8
MechEng	Environment	6.7%	26.7%	20.0%	10.0%	36.7%	100%	30
	MachineTools	35.3%	14.7%	17.6%	11.8%	20.6%	100%	68
	Motors	9.7%	13.2%	29.9%	16.0%	31.3%	100%	144
	ThermProcesses	16.2%	27.0%	27.0%	10.8%	18.9%	100%	37
	MechElements	20.0%	15.0%	28.3%	15.0%	21.7%	100%	120
ConsConst	Transportation	11.6%	14.5%	29.7%	20.3%	23.8%	100%	172
	ConsGoods	13.0%	24.6%	24.6%	24.6%	13.0%	100%	69
	ConstrTechn	27.3%	13.6%	18.2%	9.1%	31.8%	100%	22
All		14.0%	14.7%	23.6%	18.9%	28.9%	100%	3014

クロスライセンシング

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	33	33	62	54	77	18	6	283
	Audiovisual	9	14	33	34	61	6	5	162
	Telecom	16	18	42	39	67	9	4	195
	IT	13	15	31	40	46	16	6	167
	Semiconductors	19	16	32	33	34	9	1	144
Instruments	Optical	15	16	42	36	36	8	4	157
	Analysis/Masurement/ControlTech	38	39	47	46	47	18	11	246
	MedicalTechn	21	24	23	19	28	11	4	130
	NuclearTechn	2	3	1	0	7	1	0	14
Chemistry	OrganicChem	27	19	35	19	38	15	3	156
	Polymers	9	20	23	43	25	8	3	131
	Pharmaceuticals/Cosmetics	22	19	18	18	27	12	2	118
	Biotechnology	11	18	17	16	12	12	3	89
	Agric&Foods	3	4	5	3	3	1	1	20
	PetrolChem/MaterialsChem	12	10	20	6	15	6	2	71
	SurfaceTechn	9	5	12	12	15	4	3	60
ProcEng	Materials	16	10	31	19	14	9	4	103
	ChemEngineering	10	14	13	13	14	5	1	70
	Matprocessing/Textiles/Paper	18	20	30	23	28	8	2	129
	Handl/Printing	31	17	21	26	20	10	2	127
	Agric&FoodProcess-Machines	3	0	1	2	1	1	1	9
MechEng	Environment	4	2	10	4	9	2	1	32
	MachineTools	21	12	14	11	10	2	1	71
	Motors	15	14	37	32	44	13	1	156
	ThermProcesses	9	6	10	5	8	3	1	42
	MechElements	28	16	31	20	21	11	3	130
ConsConst	Transportation	19	23	52	35	43	11	8	191
	ConsGoods	10	15	23	12	8	12	0	80
	ConstrTechn	3	5	4	1	8	1	1	23
Total		446	427	720	621	766	242	84	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	12.7%	12.7%	23.9%	20.8%	29.7%	100%	259
	Audiovisual	6.0%	9.3%	21.9%	22.5%	40.4%	100%	151
	Telecom	8.8%	9.9%	23.1%	21.4%	36.8%	100%	182
	IT	9.0%	10.3%	21.4%	27.6%	31.7%	100%	145
	Semiconductors	14.2%	11.9%	23.9%	24.6%	25.4%	100%	134
Instruments	Optical	10.3%	11.0%	29.0%	24.8%	24.8%	100%	145
	Analysis/Masurement/ControlTech	17.5%	18.0%	21.7%	21.2%	21.7%	100%	217
	MedicalTechn	18.3%	20.9%	20.0%	16.5%	24.3%	100%	115
	NuclearTechn	15.4%	23.1%	7.7%	0.0%	53.8%	100%	13
Chemistry	OrganicChem	19.6%	13.8%	25.4%	13.8%	27.5%	100%	138
	Polymers	7.5%	16.7%	19.2%	35.8%	20.8%	100%	120
	Pharmaceuticals/Cosmetics	21.2%	18.3%	17.3%	17.3%	26.0%	100%	104
	Biotechnology	14.9%	24.3%	23.0%	21.6%	16.2%	100%	74
	Agric&Foods	16.7%	22.2%	27.8%	16.7%	16.7%	100%	18
	PetrolChem/MaterialsChem	19.0%	15.9%	31.7%	9.5%	23.8%	100%	63
	SurfaceTechn	17.0%	9.4%	22.6%	22.6%	28.3%	100%	53
ProcEng	Materials	17.8%	11.1%	34.4%	21.1%	15.6%	100%	90
	ChemEngineering	15.6%	21.9%	20.3%	20.3%	21.9%	100%	64
	Matprocessing/Textiles/Paper	15.1%	16.8%	25.2%	19.3%	23.5%	100%	119
	Handl/Printing	27.0%	14.8%	18.3%	22.6%	17.4%	100%	115
	Agric&FoodProcess-Machines	42.9%	0.0%	14.3%	28.6%	14.3%	100%	7
MechEng	Environment	13.8%	6.9%	34.5%	13.8%	31.0%	100%	29
	MachineTools	30.9%	17.6%	20.6%	16.2%	14.7%	100%	68
	Motors	10.6%	9.9%	26.1%	22.5%	31.0%	100%	142
	ThermProcesses	23.7%	15.8%	26.3%	13.2%	21.1%	100%	38
	MechElements	24.1%	13.8%	26.7%	17.2%	18.1%	100%	116
ConsConst	Transportation	11.0%	13.4%	30.2%	20.3%	25.0%	100%	172
	ConsGoods	14.7%	22.1%	33.8%	17.6%	11.8%	100%	68
	ConstrTechn	14.3%	23.8%	19.0%	4.8%	38.1%	100%	21
All		15.0%	14.3%	24.2%	20.8%	25.7%	100%	2980

模倣の予防

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	10	10	35	77	137	8	6	283
	Audiovisual	12	7	27	37	70	3	6	162
	Telecom	10	13	40	52	67	9	4	195
	IT	9	7	32	43	61	12	3	167
	Semiconductors	8	8	20	34	68	5	1	144
Instruments	Optical	5	3	23	45	73	4	4	157
	Analysis/Masurement/ControlTech	9	9	29	65	116	7	11	246
	MedicalTechn	6	9	23	22	62	5	3	130
	NuclearTechn	0	1	2	3	8	0	0	14
Chemistry	OrganicChem	11	5	25	36	69	7	3	156
	Polymers	4	6	19	28	64	7	3	131
	Pharmaceuticals/Cosmetics	7	6	19	19	60	6	1	118
	Biotechnology	13	5	11	16	35	7	2	89
	Agric&Foods	0	0	3	7	9	0	1	20
	PetrolChem/MaterialsChem	4	1	7	16	39	2	2	71
	SurfaceTechn	1	4	11	14	25	3	2	60
ProcEng	Materials	4	8	12	25	45	5	4	103
	ChemEngineering	6	3	12	13	33	3	0	70
	Matprocessing/Textiles/Paper	5	6	13	26	70	4	5	129
	Handl/Printing	6	8	15	24	65	7	2	127
	Agric&FoodProcess-Machines	1	2	0	2	3	0	1	9
MechEng	Environment	0	0	3	8	17	3	1	32
	MachineTools	3	6	7	20	33	2	0	71
	Motors	5	7	22	42	72	6	2	156
	ThermProcesses	1	2	5	13	17	2	2	42
	MechElements	2	3	23	39	59	2	2	130
ConsConst	Transportation	5	12	29	41	92	5	7	191
	ConsGoods	3	1	8	10	55	3	0	80
	ConstrTechn	0	1	1	3	17	0	1	23
Total		150	153	476	780	1541	127	79	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.7%	3.7%	13.0%	28.6%	50.9%	100%	269
	Audiovisual	7.8%	4.6%	17.6%	24.2%	45.8%	100%	153
	Telecom	5.5%	7.1%	22.0%	28.6%	36.8%	100%	182
	IT	5.9%	4.6%	21.1%	28.3%	40.1%	100%	152
	Semiconductors	5.8%	5.8%	14.5%	24.6%	49.3%	100%	138
Instruments	Optical	3.4%	2.0%	15.4%	30.2%	49.0%	100%	149
	Analysis/Masurement/ControlTech	3.9%	3.9%	12.7%	28.5%	50.9%	100%	228
	MedicalTechn	4.9%	7.4%	18.9%	18.0%	50.8%	100%	122
	NuclearTechn	0.0%	7.1%	14.3%	21.4%	57.1%	100%	14
Chemistry	OrganicChem	7.5%	3.4%	17.1%	24.7%	47.3%	100%	146
	Polymers	3.3%	5.0%	15.7%	23.1%	52.9%	100%	121
	Pharmaceuticals/Cosmetics	6.3%	5.4%	17.1%	17.1%	54.1%	100%	111
	Biotechnology	16.3%	6.3%	13.8%	20.0%	43.8%	100%	80
	Agric&Foods	0.0%	0.0%	15.8%	36.8%	47.4%	100%	19
	PetrolChem/MaterialsChem	6.0%	1.5%	10.4%	23.9%	58.2%	100%	67
	SurfaceTechn	1.8%	7.3%	20.0%	25.5%	45.5%	100%	55
ProcEng	Materials	4.3%	8.5%	12.8%	26.6%	47.9%	100%	94
	ChemEngineering	9.0%	4.5%	17.9%	19.4%	49.3%	100%	67
	Matprocessing/Textiles/Paper	4.2%	5.0%	10.8%	21.7%	58.3%	100%	120
	Handl/Printing	5.1%	6.8%	12.7%	20.3%	55.1%	100%	118
	Agric&FoodProcess-Machines	12.5%	25.0%	0.0%	25.0%	37.5%	100%	8
MechEng	Environment	0.0%	0.0%	10.7%	28.6%	60.7%	100%	28
	MachineTools	4.3%	8.7%	10.1%	29.0%	47.8%	100%	69
	Motors	3.4%	4.7%	14.9%	28.4%	48.6%	100%	148
	ThermProcesses	2.6%	5.3%	13.2%	34.2%	44.7%	100%	38
	MechElements	1.6%	2.4%	18.3%	31.0%	46.8%	100%	126
ConsConst	Transportation	2.8%	6.7%	16.2%	22.9%	51.4%	100%	179
	ConsGoods	3.9%	1.3%	10.4%	13.0%	71.4%	100%	77
	ConstrTechn	0.0%	4.5%	4.5%	13.6%	77.3%	100%	22
All		4.8%	4.9%	15.4%	25.2%	49.7%	100%	3100

E1 「当該発明」の特許化を求める理由

ブロッッキング

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	8	10	31	83	137	8	6	283
	Audiovisual	9	8	23	41	75	3	3	162
	Telecom	8	13	46	54	64	7	3	195
	IT	11	6	29	40	65	11	5	167
	Semiconductors	9	3	28	34	62	7	1	144
Instruments	Optical	6	7	30	39	67	4	4	157
	Analysis/Masurement/ControlTech	8	12	31	63	111	10	11	246
	MedicalTechn	5	7	21	24	64	6	3	130
	NuclearTechn	0	1	3	4	6	0	0	14
Chemistry	OrganicChem	5	8	22	38	75	4	4	156
	Polymers	4	2	17	39	60	6	3	131
	Pharmaceuticals/Cosmetics	5	3	13	21	68	7	1	118
	Biotechnology	12	4	12	17	36	7	1	89
	Agric&Foods	0	0	3	7	9	0	1	20
	PetrolChem/MaterialsChem	3	0	10	15	41	1	1	71
	SurfaceTechn	1	5	8	14	27	3	2	60
ProcEng	Materials	1	9	12	30	44	4	3	103
	ChemEngineering	6	2	11	13	35	2	1	70
	Matprocessing/Textiles/Paper	5	4	17	26	69	3	5	129
	Handl/Printing	5	4	16	30	65	5	2	127
	Agric&FoodProcess-Machines	0	0	1	2	5	0	1	9
MechEng	Environment	0	0	5	6	18	2	1	32
	MachineTools	4	4	10	19	32	2	0	71
	Motors	3	7	22	44	73	4	3	156
	ThermProcesses	0	3	2	11	20	4	2	42
	MechElements	2	3	29	37	54	2	3	130
ConsConst	Transportation	6	6	35	44	86	7	7	191
	ConsGoods	2	7	10	11	47	3	0	80
	ConstrTechn	0	1	2	4	16	0	0	23
Total		128	139	499	810	1531	122	77	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	3.0%	3.7%	11.5%	30.9%	50.9%	100%	269
	Audiovisual	5.8%	5.1%	14.7%	26.3%	48.1%	100%	156
	Telecom	4.3%	7.0%	24.9%	29.2%	34.6%	100%	185
	IT	7.3%	4.0%	19.2%	26.5%	43.0%	100%	151
	Semiconductors	6.6%	2.2%	20.6%	25.0%	45.6%	100%	136
Instruments	Optical	4.0%	4.7%	20.1%	26.2%	45.0%	100%	149
	Analysis/Masurement/ControlTech	3.6%	5.3%	13.8%	28.0%	49.3%	100%	225
	MedicalTechn	4.1%	5.8%	17.4%	19.8%	52.9%	100%	121
	NuclearTechn	0.0%	7.1%	21.4%	28.6%	42.9%	100%	14
Chemistry	OrganicChem	3.4%	5.4%	14.9%	25.7%	50.7%	100%	148
	Polymers	3.3%	1.6%	13.9%	32.0%	49.2%	100%	122
	Pharmaceuticals/Cosmetics	4.5%	2.7%	11.8%	19.1%	61.8%	100%	110
	Biotechnology	14.8%	4.9%	14.8%	21.0%	44.4%	100%	81
	Agric&Foods	0.0%	0.0%	15.8%	36.8%	47.4%	100%	19
	PetrolChem/MaterialsChem	4.3%	0.0%	14.5%	21.7%	59.4%	100%	69
	SurfaceTechn	1.8%	9.1%	14.5%	25.5%	49.1%	100%	55
ProcEng	Materials	1.0%	9.4%	12.5%	31.3%	45.8%	100%	96
	ChemEngineering	9.0%	3.0%	16.4%	19.4%	52.2%	100%	67
	Matprocessing/Textiles/Paper	4.1%	3.3%	14.0%	21.5%	57.0%	100%	121
	Handl/Printing	4.2%	3.3%	13.3%	25.0%	54.2%	100%	120
	Agric&FoodProcess-Machines	0.0%	0.0%	12.5%	25.0%	62.5%	100%	8
MechEng	Environment	0.0%	0.0%	17.2%	20.7%	62.1%	100%	29
	MachineTools	5.8%	5.8%	14.5%	27.5%	46.4%	100%	69
	Motors	2.0%	4.7%	14.8%	29.5%	49.0%	100%	149
	ThermProcesses	0.0%	8.3%	5.6%	30.6%	55.6%	100%	36
	MechElements	1.6%	2.4%	23.2%	29.6%	43.2%	100%	125
ConsConst	Transportation	3.4%	3.4%	19.8%	24.9%	48.6%	100%	177
	ConsGoods	2.6%	9.1%	13.0%	14.3%	61.0%	100%	77
	ConstrTechn	0.0%	4.3%	8.7%	17.4%	69.6%	100%	23
All		4.1%	4.5%	16.1%	26.1%	49.3%	100%	3107

E1 「当該発明」の特許化を求める理由

名声

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	103	60	62	27	12	12	7	283
	Audiovisual	53	49	36	8	6	6	4	162
	Telecom	67	39	45	17	13	10	4	195
	IT	65	24	36	13	8	13	8	167
	Semiconductors	49	30	39	10	10	5	1	144
Instruments	Optical	56	26	41	16	8	5	5	157
	Analysis/Measurement/ControlTech	96	53	39	24	9	14	11	246
	MedicalTechn	47	29	24	11	10	6	3	130
	NuclearTechn	3	3	4	2	2	0	0	14
Chemistry	OrganicChem	54	32	36	14	13	3	4	156
	Polymers	40	37	33	6	6	6	3	131
	Pharmaceuticals/Cosmetics	39	27	24	7	13	5	3	118
	Biotechnology	30	19	18	6	8	5	3	89
	Agric&Foods	7	1	5	4	2	0	1	20
	PetrolChem/MaterialsChem	29	14	15	7	1	3	2	71
	SurfaceTechn	24	13	12	2	2	4	3	60
ProcEng	Materials	44	12	23	10	3	6	5	103
	ChemEngineering	27	11	17	5	6	3	1	70
	Matprocessing/Textiles/Paper	60	21	26	3	7	6	6	129
	Handl/Printing	46	32	27	8	2	9	3	127
	Agric&FoodProcess-Machines	4	1	1	0	1	1	1	9
MechEng	Environment	14	2	9	2	3	1	1	32
	MachineTools	30	19	15	2	1	3	1	71
	Motors	67	31	34	7	6	7	4	156
	ThermProcesses	20	12	4	0	1	3	2	42
	MechElements	53	32	25	6	6	5	3	130
ConsConst	Transportation	83	47	31	12	6	5	7	191
	ConsGoods	34	16	13	8	2	6	1	80
	ConstrTechn	9	4	6	3	0	1	0	23
Total		1253	696	700	240	167	153	97	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	39.0%	22.7%	23.5%	10.2%	4.5%	100%	264
	Audiovisual	34.9%	32.2%	23.7%	5.3%	3.9%	100%	152
	Telecom	37.0%	21.5%	24.9%	9.4%	7.2%	100%	181
	IT	44.5%	16.4%	24.7%	8.9%	5.5%	100%	146
	Semiconductors	35.5%	21.7%	28.3%	7.2%	7.2%	100%	138
Instruments	Optical	38.1%	17.7%	27.9%	10.9%	5.4%	100%	147
	Analysis/Measurement/ControlTech	43.4%	24.0%	17.6%	10.9%	4.1%	100%	221
	MedicalTechn	38.8%	24.0%	19.8%	9.1%	8.3%	100%	121
	NuclearTechn	21.4%	21.4%	28.6%	14.3%	14.3%	100%	14
Chemistry	OrganicChem	36.2%	21.5%	24.2%	9.4%	8.7%	100%	149
	Polymers	32.8%	30.3%	27.0%	4.9%	4.9%	100%	122
	Pharmaceuticals/Cosmetics	35.5%	24.5%	21.8%	6.4%	11.8%	100%	110
	Biotechnology	37.0%	23.5%	22.2%	7.4%	9.9%	100%	81
	Agric&Foods	36.8%	5.3%	26.3%	21.1%	10.5%	100%	19
	PetrolChem/MaterialsChem	43.9%	21.2%	22.7%	10.6%	1.5%	100%	66
	SurfaceTechn	45.3%	24.5%	22.6%	3.8%	3.8%	100%	53
ProcEng	Materials	47.8%	13.0%	25.0%	10.9%	3.3%	100%	92
	ChemEngineering	40.9%	16.7%	25.8%	7.6%	9.1%	100%	66
	Matprocessing/Textiles/Paper	51.3%	17.9%	22.2%	2.6%	6.0%	100%	117
	Handl/Printing	40.0%	27.8%	23.5%	7.0%	1.7%	100%	115
	Agric&FoodProcess-Machines	57.1%	14.3%	14.3%	0.0%	14.3%	100%	7
MechEng	Environment	46.7%	6.7%	30.0%	6.7%	10.0%	100%	30
	MachineTools	44.8%	28.4%	22.4%	3.0%	1.5%	100%	67
	Motors	46.2%	21.4%	23.4%	4.8%	4.1%	100%	145
	ThermProcesses	54.1%	32.4%	10.8%	0.0%	2.7%	100%	37
	MechElements	43.4%	26.2%	20.5%	4.9%	4.9%	100%	122
ConsConst	Transportation	46.4%	26.3%	17.3%	6.7%	3.4%	100%	179
	ConsGoods	46.6%	21.9%	17.8%	11.0%	2.7%	100%	73
	ConstrTechn	40.9%	18.2%	27.3%	13.6%	0.0%	100%	22
All		41.0%	22.8%	22.9%	7.9%	5.5%	100%	3056

特許侵害訴訟の防止

		重要でない			非常に重要		分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	20	21	72	65	82	17	6	283
	Audiovisual	11	12	40	37	51	7	4	162
	Telecom	10	15	60	41	56	10	3	195
	IT	14	11	47	30	47	14	4	167
	Semiconductors	9	18	38	29	40	8	2	144
Instruments	Optical	13	15	38	34	43	10	4	157
	Analysis/Masurement/ControlTech	22	29	59	47	58	18	13	246
	MedicalTechn	9	17	28	24	44	6	2	130
	NuclearTechn	1	1	3	4	4	1	0	14
Chemistry	OrganicChem	26	17	30	24	47	9	3	156
	Polymers	8	13	33	34	30	10	3	131
	Pharmaceuticals/Cosmetics	13	10	24	16	39	14	2	118
	Biotechnology	17	14	19	13	16	8	2	89
	Agric&Foods	0	3	3	4	8	1	1	20
	PetrolChem/MaterialsChem	5	9	19	11	20	5	2	71
	SurfaceTechn	3	10	12	7	22	3	3	60
ProcEng	Materials	6	6	26	22	31	8	4	103
	ChemEngineering	9	6	18	14	17	5	1	70
	Matprocessing/Textiles/Paper	10	13	32	22	40	6	6	129
	Handl/Printing	11	14	35	24	31	10	2	127
	Agric&FoodProcess-Machines	2	1	0	2	3	0	1	9
MechEng	Environment	3	3	8	5	10	2	1	32
	MachineTools	9	9	19	13	15	4	2	71
	Motors	8	20	25	32	58	10	3	156
	ThermProcesses	3	6	9	8	10	5	1	42
	MechElements	15	19	36	20	29	7	4	130
ConsConst	Transportation	26	17	45	37	47	12	7	191
	ConsGoods	5	8	17	17	25	8	0	80
	ConstrTechn	1	1	8	1	11	1	0	23
Total		289	338	803	637	934	219	86	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	7.7%	8.1%	27.7%	25.0%	31.5%	100%	260
	Audiovisual	7.3%	7.9%	26.5%	24.5%	33.8%	100%	151
	Telecom	5.5%	8.2%	33.0%	22.5%	30.8%	100%	182
	IT	9.4%	7.4%	31.5%	20.1%	31.5%	100%	149
	Semiconductors	6.7%	13.4%	28.4%	21.6%	29.9%	100%	134
Instruments	Optical	9.1%	10.5%	26.6%	23.8%	30.1%	100%	143
	Analysis/Masurement/ControlTech	10.2%	13.5%	27.4%	21.9%	27.0%	100%	215
	MedicalTechn	7.4%	13.9%	23.0%	19.7%	36.1%	100%	122
	NuclearTechn	7.7%	7.7%	23.1%	30.8%	30.8%	100%	13
Chemistry	OrganicChem	18.1%	11.8%	20.8%	16.7%	32.6%	100%	144
	Polymers	6.8%	11.0%	28.0%	28.8%	25.4%	100%	118
	Pharmaceuticals/Cosmetics	12.7%	9.8%	23.5%	15.7%	38.2%	100%	102
	Biotechnology	21.5%	17.7%	24.1%	16.5%	20.3%	100%	79
	Agric&Foods	0.0%	16.7%	16.7%	22.2%	44.4%	100%	18
	PetrolChem/MaterialsChem	7.8%	14.1%	29.7%	17.2%	31.3%	100%	64
	SurfaceTechn	5.6%	18.5%	22.2%	13.0%	40.7%	100%	54
ProcEng	Materials	6.6%	6.6%	28.6%	24.2%	34.1%	100%	91
	ChemEngineering	14.1%	9.4%	28.1%	21.9%	26.6%	100%	64
	Matprocessing/Textiles/Paper	8.5%	11.1%	27.4%	18.8%	34.2%	100%	117
	Handl/Printing	9.6%	12.2%	30.4%	20.9%	27.0%	100%	115
	Agric&FoodProcess-Machines	25.0%	12.5%	0.0%	25.0%	37.5%	100%	8
MechEng	Environment	10.3%	10.3%	27.6%	17.2%	34.5%	100%	29
	MachineTools	13.8%	13.8%	29.2%	20.0%	23.1%	100%	65
	Motors	5.6%	14.0%	17.5%	22.4%	40.6%	100%	143
	ThermProcesses	8.3%	16.7%	25.0%	22.2%	27.8%	100%	36
	MechElements	12.6%	16.0%	30.3%	16.8%	24.4%	100%	119
ConsConst	Transportation	15.1%	9.9%	26.2%	21.5%	27.3%	100%	172
	ConsGoods	6.9%	11.1%	23.6%	23.6%	34.7%	100%	72
	ConstrTechn	4.5%	4.5%	36.4%	4.5%	50.0%	100%	22
All		9.6%	11.3%	26.8%	21.2%	31.1%	100%	3001

純粋な防御

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	13	16	56	80	105	8	5	283
	Audiovisual	7	15	32	43	56	5	4	162
	Telecom	3	20	49	54	57	8	4	195
	IT	15	9	37	26	61	14	5	167
	Semiconductors	10	14	29	34	50	6	1	144
Instruments	Optical	6	11	42	33	54	6	5	157
	Analysis/Masurement/ControlTech	16	27	36	61	84	11	11	246
	MedicalTechn	9	9	24	29	50	6	3	130
	NuclearTechn	1	1	2	5	5	0	0	14
Chemistry	OrganicChem	17	12	18	29	69	6	5	156
	Polymers	5	11	26	39	41	6	3	131
	Pharmaceuticals/Cosmetics	10	5	16	16	59	9	3	118
	Biotechnology	15	8	22	15	18	9	2	89
	Agric&Foods	0	1	1	8	9	0	1	20
	PetrolChem/MaterialsChem	3	4	12	10	37	3	2	71
	SurfaceTechn	4	3	10	14	24	3	2	60
ProcEng	Materials	7	10	23	19	38	2	4	103
	ChemEngineering	6	4	15	13	29	2	1	70
	Matprocessing/Textiles/Paper	12	1	26	25	56	4	5	129
	Handl/Printing	7	11	28	26	48	5	2	127
	Agric&FoodProcess-Machines	1	0	1	2	4	0	1	9
MechEng	Environment	2	3	8	7	10	1	1	32
	MachineTools	3	5	8	22	30	2	1	71
	Motors	9	14	24	37	64	5	3	156
	ThermProcesses	2	1	10	10	15	3	1	42
	MechElements	5	9	22	38	49	3	4	130
ConsConst	Transportation	10	16	30	48	71	9	7	191
	ConsGoods	5	5	7	20	38	4	1	80
	ConstrTechn	1	3	1	5	11	1	1	23
Total		204	248	615	768	1242	141	88	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	4.8%	5.9%	20.7%	29.6%	38.9%	100%	270
	Audiovisual	4.6%	9.8%	20.9%	28.1%	36.6%	100%	153
	Telecom	1.6%	10.9%	26.8%	29.5%	31.1%	100%	183
	IT	10.1%	6.1%	25.0%	17.6%	41.2%	100%	148
	Semiconductors	7.3%	10.2%	21.2%	24.8%	36.5%	100%	137
Instruments	Optical	4.1%	7.5%	28.8%	22.6%	37.0%	100%	146
	Analysis/Masurement/ControlTech	7.1%	12.1%	16.1%	27.2%	37.5%	100%	224
	MedicalTechn	7.4%	7.4%	19.8%	24.0%	41.3%	100%	121
	NuclearTechn	7.1%	7.1%	14.3%	35.7%	35.7%	100%	14
Chemistry	OrganicChem	11.7%	8.3%	12.4%	20.0%	47.6%	100%	145
	Polymers	4.1%	9.0%	21.3%	32.0%	33.6%	100%	122
	Pharmaceuticals/Cosmetics	9.4%	4.7%	15.1%	15.1%	55.7%	100%	106
	Biotechnology	19.2%	10.3%	28.2%	19.2%	23.1%	100%	78
	Agric&Foods	0.0%	5.3%	5.3%	42.1%	47.4%	100%	19
	PetrolChem/MaterialsChem	4.5%	6.1%	18.2%	15.2%	56.1%	100%	66
	SurfaceTechn	7.3%	5.5%	18.2%	25.5%	43.6%	100%	55
ProcEng	Materials	7.2%	10.3%	23.7%	19.6%	39.2%	100%	97
	ChemEngineering	9.0%	6.0%	22.4%	19.4%	43.3%	100%	67
	Matprocessing/Textiles/Paper	10.0%	0.8%	21.7%	20.8%	46.7%	100%	120
	Handl/Printing	5.8%	9.2%	23.3%	21.7%	40.0%	100%	120
	Agric&FoodProcess-Machines	12.5%	0.0%	12.5%	25.0%	50.0%	100%	8
MechEng	Environment	6.7%	10.0%	26.7%	23.3%	33.3%	100%	30
	MachineTools	4.4%	7.4%	11.8%	32.4%	44.1%	100%	68
	Motors	6.1%	9.5%	16.2%	25.0%	43.2%	100%	148
	ThermProcesses	5.3%	2.6%	26.3%	26.3%	39.5%	100%	38
	MechElements	4.1%	7.3%	17.9%	30.9%	39.8%	100%	123
ConsConst	Transportation	5.7%	9.1%	17.1%	27.4%	40.6%	100%	175
	ConsGoods	6.7%	6.7%	9.3%	26.7%	50.7%	100%	75
	ConstrTechn	4.8%	14.3%	4.8%	23.8%	52.4%	100%	21
All		6.6%	8.1%	20.0%	25.0%	40.4%	100%	3077

技術標準

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	43	36	82	51	49	16	6	283
	Audiovisual	30	27	46	22	25	6	6	162
	Telecom	22	22	57	33	43	12	6	195
	IT	39	16	49	14	25	17	7	167
	Semiconductors	19	21	41	26	26	10	1	144
Instruments	Optical	19	26	54	24	20	8	6	157
	Analysis/Masurement/ControlTech	33	31	78	35	40	17	12	246
	MedicalTechn	17	19	33	18	27	12	4	130
	NuclearTechn	1	0	5	2	4	2	0	14
Chemistry	OrganicChem	23	20	33	27	39	11	3	156
	Polymers	14	14	45	25	20	10	3	131
	Pharmaceuticals/Cosmetics	17	20	28	17	22	12	2	118
	Biotechnology	18	7	22	17	10	11	4	89
	Agric&Foods	2	2	8	5	1	1	1	20
	PetrolChem/MaterialsChem	9	12	17	12	15	4	2	71
	SurfaceTechn	8	5	20	12	8	3	4	60
ProcEng	Materials	15	11	35	15	15	8	4	103
	ChemEngineering	14	6	21	11	11	4	3	70
	Matprocessing/Textiles/Paper	16	12	35	20	28	9	9	129
	Handl/Printing	20	14	38	24	14	15	2	127
	Agric&FoodProcess-Machines	1	1	2	0	5	0	0	9
MechEng	Environment	4	3	8	5	9	2	1	32
	MachineTools	12	13	19	7	10	7	3	71
	Motors	19	20	43	31	27	13	3	156
	ThermProcesses	7	11	6	7	3	5	3	42
	MechElements	14	17	44	23	19	9	4	130
ConsConst	Transportation	25	27	57	32	29	12	9	191
	ConsGoods	9	11	22	16	10	11	1	80
	ConstrTechn	4	4	5	2	5	3	0	23
Total		474	428	953	533	559	250	109	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	16.5%	13.8%	31.4%	19.5%	18.8%	100%	261
	Audiovisual	20.0%	18.0%	30.7%	14.7%	16.7%	100%	150
	Telecom	12.4%	12.4%	32.2%	18.6%	24.3%	100%	177
	IT	27.3%	11.2%	34.3%	9.8%	17.5%	100%	143
	Semiconductors	14.3%	15.8%	30.8%	19.5%	19.5%	100%	133
Instruments	Optical	13.3%	18.2%	37.8%	16.8%	14.0%	100%	143
	Analysis/Masurement/ControlTech	15.2%	14.3%	35.9%	16.1%	18.4%	100%	217
	MedicalTechn	14.9%	16.7%	28.9%	15.8%	23.7%	100%	114
	NuclearTechn	8.3%	0.0%	41.7%	16.7%	33.3%	100%	12
Chemistry	OrganicChem	16.2%	14.1%	23.2%	19.0%	27.5%	100%	142
	Polymers	11.9%	11.9%	38.1%	21.2%	16.9%	100%	118
	Pharmaceuticals/Cosmetics	16.3%	19.2%	26.9%	16.3%	21.2%	100%	104
	Biotechnology	24.3%	9.5%	29.7%	23.0%	13.5%	100%	74
	Agric&Foods	11.1%	11.1%	44.4%	27.8%	5.6%	100%	18
	PetrolChem/MaterialsChem	13.8%	18.5%	26.2%	18.5%	23.1%	100%	65
	SurfaceTechn	15.1%	9.4%	37.7%	22.6%	15.1%	100%	53
ProcEng	Materials	16.5%	12.1%	38.5%	16.5%	16.5%	100%	91
	ChemEngineering	22.2%	9.5%	33.3%	17.5%	17.5%	100%	63
	Matprocessing/Textiles/Paper	14.4%	10.8%	31.5%	18.0%	25.2%	100%	111
	Handl/Printing	18.2%	12.7%	34.5%	21.8%	12.7%	100%	110
	Agric&FoodProcess-Machines	11.1%	11.1%	22.2%	0.0%	55.6%	100%	9
MechEng	Environment	13.8%	10.3%	27.6%	17.2%	31.0%	100%	29
	MachineTools	19.7%	21.3%	31.1%	11.5%	16.4%	100%	61
	Motors	13.6%	14.3%	30.7%	22.1%	19.3%	100%	140
	ThermProcesses	20.6%	32.4%	17.6%	20.6%	8.8%	100%	34
	MechElements	12.0%	14.5%	37.6%	19.7%	16.2%	100%	117
ConsConst	Transportation	14.7%	15.9%	33.5%	18.8%	17.1%	100%	170
	ConsGoods	13.2%	16.2%	32.4%	23.5%	14.7%	100%	68
	ConstrTechn	20.0%	20.0%	25.0%	10.0%	25.0%	100%	20
All		16.1%	14.5%	32.3%	18.1%	19.0%	100%	2947

E1 「当該発明」の特許化を求める理由

その他

		重要でない		非常に重要			分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	19	1	3	1	1	30	228	283
	Audiovisual	10	0	3	1	1	15	132	162
	Telecom	11	0	4	1	1	24	154	195
	IT	12	0	5	0	2	29	119	167
	Semiconductors	7	0	1	0	1	12	123	144
Instruments	Optical	11	1	4	0	1	14	126	157
	Analysis/Masurement/ControlTech	15	0	5	1	1	32	192	246
	MedicalTechn	8	2	2	0	4	14	100	130
	NuclearTechn							14	14
Chemistry	OrganicChem	12	0	2	0	2	16	124	156
	Polymers	6	0	1	0	0	13	111	131
	Pharmaceuticals/Cosmetics	7	0	1	1	2	13	94	118
	Biotechnology	8	0	1	0	1	9	70	89
	Agric&Foods	0	0	1	1	0	2	16	20
	PetrolChem/MaterialsChem	3	0	1	0	0	8	59	71
	SurfaceTechn	1	0	1	0	0	8	50	60
ProcEng	Materials	5	0	3	0	0	5	90	103
	ChemEngineering	3	0	0	0	1	10	56	70
	Matprocessing/Textiles/Paper	4	0	1	0	1	15	108	129
	Handl/Printing	12	1	3	0	0	21	90	127
	Agric&FoodProcess-Machines	0	0	0	0	1	1	7	9
MechEng	Environment	1	0	0	0	0	1	30	32
	MachineTools	3	1	1	0	0	12	54	71
	Motors	10	0	1	1	3	22	119	156
	ThermProcesses	5	0	0	0	0	5	32	42
	MechElements	4	1	3	0	0	15	107	130
ConsConst	Transportation	11	0	2	0	0	19	159	191
	ConsGoods	2	0	3	1	0	8	66	80
	ConstrTechn	0	0	1	0	0	2	20	23
Total		190	7	53	8	23	375	2650	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	76.0%	4.0%	12.0%	4.0%	4.0%	100%	25
	Audiovisual	66.7%	0.0%	20.0%	6.7%	6.7%	100%	15
	Telecom	64.7%	0.0%	23.5%	5.9%	5.9%	100%	17
	IT	63.2%	0.0%	26.3%	0.0%	10.5%	100%	19
	Semiconductors	77.8%	0.0%	11.1%	0.0%	11.1%	100%	9
Instruments	Optical	64.7%	5.9%	23.5%	0.0%	5.9%	100%	17
	Analysis/Masurement/ControlTech	68.2%	0.0%	22.7%	4.5%	4.5%	100%	22
	MedicalTechn	50.0%	12.5%	12.5%	0.0%	25.0%	100%	16
	NuclearTechn	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	100%	0
Chemistry	OrganicChem	75.0%	0.0%	12.5%	0.0%	12.5%	100%	16
	Polymers	85.7%	0.0%	14.3%	0.0%	0.0%	100%	7
	Pharmaceuticals/Cosmetics	63.6%	0.0%	9.1%	9.1%	18.2%	100%	11
	Biotechnology	80.0%	0.0%	10.0%	0.0%	10.0%	100%	10
	Agric&Foods	0.0%	0.0%	50.0%	50.0%	0.0%	100%	2
	PetrolChem/MaterialsChem	75.0%	0.0%	25.0%	0.0%	0.0%	100%	4
	SurfaceTechn	50.0%	0.0%	50.0%	0.0%	0.0%	100%	2
ProcEng	Materials	62.5%	0.0%	37.5%	0.0%	0.0%	100%	8
	ChemEngineering	75.0%	0.0%	0.0%	0.0%	25.0%	100%	4
	Matprocessing/Textiles/Paper	66.7%	0.0%	16.7%	0.0%	16.7%	100%	6
	Handl/Printing	75.0%	6.3%	18.8%	0.0%	0.0%	100%	16
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	100.0%	100%	1
MechEng	Environment	100.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	MachineTools	60.0%	20.0%	20.0%	0.0%	0.0%	100%	5
	Motors	66.7%	0.0%	6.7%	6.7%	20.0%	100%	15
	ThermProcesses	100.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	MechElements	50.0%	12.5%	37.5%	0.0%	0.0%	100%	8
ConsConst	Transportation	84.6%	0.0%	15.4%	0.0%	0.0%	100%	13
	ConsGoods	33.3%	0.0%	50.0%	16.7%	0.0%	100%	6
	ConstrTechn	0.0%	0.0%	100.0%	0.0%	0.0%	100%	1
All		67.6%	2.5%	18.9%	2.8%	8.2%	100%	281

		はい	いいえ	検討中	分からない	無回答	Total
ElecEng	Electr/Energy	137	66	42	29	38	283
	Audiovisual	72	44	22	18	24	162
	Telecom	63	60	36	28	36	195
	IT	66	44	29	24	28	167
	Semiconductors	56	40	34	8	14	144
Instruments	Optical	64	37	32	12	24	157
	Analysis/Measurement/ControlTech	106	45	51	27	44	246
	MedicalTechn	54	24	39	9	13	130
	NuclearTechn	4	1	7	1	2	14
Chemistry	OrganicChem	39	36	62	15	19	156
	Polymers	59	28	25	13	19	131
	Pharmaceuticals/Cosmetics	34	36	36	12	12	118
	Biotechnology	28	25	30	3	6	89
	Agric&Foods	13	3	3	0	1	20
	PetrolChem/MaterialsChem	27	16	21	5	7	71
	SurfaceTechn	27	11	15	7	7	60
ProcEng	Materials	42	19	35	5	7	103
	ChemEngineering	32	14	19	5	5	70
	Matprocessing/Textiles/Paper	65	21	29	9	14	129
	Handl/Printing	64	19	24	13	20	127
	Agric&FoodProcess-Machines	4	2	2	0	1	9
MechEng	Environment	17	5	6	1	4	32
	MachineTools	46	8	10	6	7	71
	Motors	70	34	30	18	22	156
	ThermProcesses	20	12	3	5	7	42
	MechElements	73	28	17	9	12	130
ConsConst	Transportation	91	44	30	18	26	191
	ConsGoods	50	12	12	5	6	80
	ConstrTechn	15	1	2	3	5	23
Total		1,438	735	703	308	430	3306

		はい	いいえ	検討中	Total	N
ElecEng	Electr/Energy	55.92%	26.94%	17.14%	100%	245
	Audiovisual	52.17%	31.88%	15.94%	100%	138
	Telecom	39.62%	37.74%	22.64%	100%	159
	IT	47.48%	31.65%	20.86%	100%	139
	Semiconductors	43.08%	30.77%	26.15%	100%	130
Instruments	Optical	48.12%	27.82%	24.06%	100%	133
	Analysis/Measurement/ControlTech	52.48%	22.28%	25.25%	100%	202
	MedicalTechn	46.15%	20.51%	33.33%	100%	117
	NuclearTechn	33.33%	8.33%	58.33%	100%	12
Chemistry	OrganicChem	28.47%	26.28%	45.26%	100%	137
	Polymers	52.68%	25.00%	22.32%	100%	112
	Pharmaceuticals/Cosmetics	32.08%	33.96%	33.96%	100%	106
	Biotechnology	33.73%	30.12%	36.14%	100%	83
	Agric&Foods	68.42%	15.79%	15.79%	100%	19
	PetrolChem/MaterialsChem	42.19%	25.00%	32.81%	100%	64
	SurfaceTechn	50.94%	20.75%	28.30%	100%	53
ProcEng	Materials	43.75%	19.79%	36.46%	100%	96
	ChemEngineering	49.23%	21.54%	29.23%	100%	65
	Matprocessing/Textiles/Paper	56.52%	18.26%	25.22%	100%	115
	Handl/Printing	59.81%	17.76%	22.43%	100%	107
	Agric&FoodProcess-Machines	50.00%	25.00%	25.00%	100%	8
MechEng	Environment	60.71%	17.86%	21.43%	100%	28
	MachineTools	71.88%	12.50%	15.63%	100%	64
	Motors	52.24%	25.37%	22.39%	100%	134
	ThermProcesses	57.14%	34.29%	8.57%	100%	35
	MechElements	61.86%	23.73%	14.41%	100%	118
ConsConst	Transportation	55.15%	26.67%	18.18%	100%	165
	ConsGoods	67.57%	16.22%	16.22%	100%	74
	ConstrTechn	83.33%	5.56%	11.11%	100%	18
All		50.00%	25.56%	24.44%	100%	2,876

		はい	いいえ	検討中	分からない	無回答	Total
ElecEng	Electr/Energy	36	154	7	86	0	283
	Audiovisual	22	95	4	41	0	162
	Telecom	43	90	10	52	0	195
	IT	11	100	3	53	0	167
	Semiconductors	20	78	8	38	0	144
Instruments	Optical	24	78	6	49	0	157
	Analysis/Measurement/ControlTech	25	136	8	77	0	246
	MedicalTechn	17	68	4	41	0	130
	NuclearTechn	4	5	0	5	0	14
Chemistry	OrganicChem	16	62	10	68	0	156
	Polymers	34	51	6	40	0	131
	Pharmaceuticals/Cosmetics	12	55	3	48	0	118
	Biotechnology	8	47	5	29	0	89
	Agric&Foods	4	9	2	5	0	20
	PetrolChem/MaterialsChem	11	33	4	23	0	71
	SurfaceTechn	10	29	4	17	0	60
	Materials	18	45	6	34	0	103
ProcEng	ChemEngineering	9	34	5	22	0	70
	Matprocessing/Textiles/Paper	17	58	5	49	0	129
	Handl/Printing	19	64	1	43	0	127
	Agric&FoodProcess-Machines	1	7	0	1	0	9
	Environment	4	20	2	6	0	32
MechEng	MachineTools	12	41	3	15	0	71
	Motors	17	78	3	58	0	156
	ThermProcesses	6	21	0	15	0	42
	MechElements	18	72	2	38	0	130
	Transportation	21	87	7	76	0	191
ConsConst	ConsGoods	12	35	1	32	0	80
	ConstrTechn	5	13	1	4	0	23
Total		456	1,665	120	1,065	0	3,306

		はい	いいえ	検討中	Total	N
ElecEng	Electr/Energy	18.3%	78.2%	3.6%	100%	197
	Audiovisual	18.2%	78.5%	3.3%	100%	121
	Telecom	30.1%	62.9%	7.0%	100%	143
	IT	9.6%	87.7%	2.6%	100%	114
	Semiconductors	18.9%	73.6%	7.5%	100%	106
Instruments	Optical	22.2%	72.2%	5.6%	100%	108
	Analysis/Measurement/ControlTech	14.8%	80.5%	4.7%	100%	169
	MedicalTechn	19.1%	76.4%	4.5%	100%	89
	NuclearTechn	44.4%	55.6%	0.0%	100%	9
Chemistry	OrganicChem	18.2%	70.5%	11.4%	100%	88
	Polymers	37.4%	56.0%	6.6%	100%	91
	Pharmaceuticals/Cosmetics	17.1%	78.6%	4.3%	100%	70
	Biotechnology	13.3%	78.3%	8.3%	100%	60
	Agric&Foods	26.7%	60.0%	13.3%	100%	15
	PetrolChem/MaterialsChem	22.9%	68.8%	8.3%	100%	48
	SurfaceTechn	23.3%	67.4%	9.3%	100%	43
	Materials	26.1%	65.2%	8.7%	100%	69
ProcEng	ChemEngineering	18.8%	70.8%	10.4%	100%	48
	Matprocessing/Textiles/Paper	21.3%	72.5%	6.3%	100%	80
	Handl/Printing	22.6%	76.2%	1.2%	100%	84
	Agric&FoodProcess-Machines	12.5%	87.5%	0.0%	100%	8
	Environment	15.4%	76.9%	7.7%	100%	26
MechEng	MachineTools	21.4%	73.2%	5.4%	100%	56
	Motors	17.3%	79.6%	3.1%	100%	98
	ThermProcesses	22.2%	77.8%	0.0%	100%	27
	MechElements	19.6%	78.3%	2.2%	100%	92
	Transportation	18.3%	75.7%	6.1%	100%	115
ConsConst	ConsGoods	25.0%	72.9%	2.1%	100%	48
	ConstrTechn	26.3%	68.4%	5.3%	100%	19
All		20.3%	74.3%	5.4%	100%	2241

		はい	いいえ	分からない	無回答	Total
ElecEng	Electr/Energy	3	26	7	247	283
	Audiovisual	5	11	6	140	162
	Telecom	14	22	7	152	195
	IT	3	7	2	155	167
	Semiconductors	3	13	3	125	144
Instruments	Optical	2	16	6	133	157
	Analysis/Measurement/ControlTech	4	15	6	221	246
	MedicalTechn	0	13	4	113	130
	NuclearTechn	0	3	1	10	14
Chemistry	OrganicChem	2	9	5	140	156
	Polymers	1	27	5	98	131
	Pharmaceuticals/Cosmetics	3	8	1	106	118
	Biotechnology	2	3	2	82	89
	Agric&Foods	0	3	1	16	20
	PetrolChem/MaterialsChem	1	8	2	60	71
	SurfaceTechn	0	7	3	50	60
	Materials	2	14	2	85	103
ProcEng	ChemEngineering	0	7	2	61	70
	Matprocessing/Textiles/Paper	0	12	5	112	129
	Handl/Printing	2	11	6	108	127
	Agric&FoodProcess-Machines	1	0	0	8	9
	Environment	2	2	0	28	32
MechEng	MachineTools	1	9	2	59	71
	Motors	4	10	3	139	156
	ThermProcesses	1	4	1	36	42
	MechElements	0	13	5	112	130
	Transportation	3	13	5	170	191
ConsConst	ConsGoods	0	8	4	68	80
	ConstrTechn	1	3	1	18	23
Total		60	297	97	2852	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	10.3%	89.7%	100%	29
	Audiovisual	31.3%	68.8%	100%	16
	Telecom	38.9%	61.1%	100%	36
	IT	30.0%	70.0%	100%	10
	Semiconductors	18.8%	81.3%	100%	16
Instruments	Optical	11.1%	88.9%	100%	18
	Analysis/Measurement/ControlTech	21.1%	78.9%	100%	19
	MedicalTechn	0.0%	100.0%	100%	13
	NuclearTechn	0.0%	100.0%	100%	3
Chemistry	OrganicChem	18.2%	81.8%	100%	11
	Polymers	3.6%	96.4%	100%	28
	Pharmaceuticals/Cosmetics	27.3%	72.7%	100%	11
	Biotechnology	40.0%	60.0%	100%	5
	Agric&Foods	0.0%	100.0%	100%	3
	PetrolChem/MaterialsChem	11.1%	88.9%	100%	9
	SurfaceTechn	0.0%	100.0%	100%	7
	Materials	12.5%	87.5%	100%	16
ProcEng	ChemEngineering	0.0%	100.0%	100%	7
	Matprocessing/Textiles/Paper	0.0%	100.0%	100%	12
	Handl/Printing	15.4%	84.6%	100%	13
	Agric&FoodProcess-Machines	100.0%	0.0%	100%	1
	Environment	50.0%	50.0%	100%	4
MechEng	MachineTools	10.0%	90.0%	100%	10
	Motors	28.6%	71.4%	100%	14
	ThermProcesses	20.0%	80.0%	100%	5
	MechElements	0.0%	100.0%	100%	13
	Transportation	18.8%	81.3%	100%	16
ConsConst	ConsGoods	0.0%	100.0%	100%	8
	ConstrTechn	25.0%	75.0%	100%	4
All		16.8%	83.2%	100%	357

		はい	いいえ	いいえ、 ただし売却可能	分からない	無回答	Total
ElecEng	Electr/Energy	9	233	18	20	3	283
	Audiovisual	10	118	14	18	2	162
	Telecom	5	150	9	30	1	195
	IT	5	130	8	24	0	167
	Semiconductors	2	117	11	13	1	144
Instruments	Optical	4	122	10	17	4	157
	Analysis/Measurement/ControlTech	3	201	13	25	4	246
	MedicalTechn	1	104	10	15	0	130
	NuclearTechn	1	11	1	0	1	14
Chemistry	OrganicChem	7	118	12	18	1	156
	Polymers	6	99	11	12	3	131
	Pharmaceuticals/Cosmetics	3	88	11	16	0	118
	Biotechnology	5	69	8	6	1	89
	Agric&Foods	0	17	1	1	1	20
	PetrolChem/MaterialsChem	1	59	9	2	0	71
	SurfaceTechn	0	51	3	6	0	60
	Materials	4	76	10	11	2	103
ProcEng	ChemEngineering	3	57	5	4	1	70
	Matprocessing/Textiles/Paper	0	107	11	11	0	129
	Handl/Printing	2	103	2	17	3	127
	Agric&FoodProcess-Machines	0	7	0	2	0	9
	Environment	1	25	2	3	1	32
MechEng	MachineTools	2	65	1	3	0	71
	Motors	5	128	5	18	0	156
	ThermProcesses	0	34	2	5	1	42
	MechElements	3	105	5	16	1	130
	Transportation	8	156	2	21	4	191
ConsConst	ConsGoods	1	70	4	5	0	80
	ConstrTechn	0	21	0	2	0	23
Total		91	2,641	198	341	35	3,306

		はい	いいえ	分からない	total	N
ElecEng	Electr/Energy	3.5%	89.6%	6.9%	100%	260
	Audiovisual	7.0%	83.1%	9.9%	100%	142
	Telecom	3.0%	91.5%	5.5%	100%	164
	IT	3.5%	90.9%	5.6%	100%	143
	Semiconductors	1.5%	90.0%	8.5%	100%	130
Instruments	Optical	2.9%	89.7%	7.4%	100%	136
	Analysis/Measurement/ControlTech	1.4%	92.6%	6.0%	100%	217
	MedicalTechn	0.9%	90.4%	8.7%	100%	115
	NuclearTechn	7.7%	84.6%	7.7%	100%	13
Chemistry	OrganicChem	5.1%	86.1%	8.8%	100%	137
	Polymers	5.2%	85.3%	9.5%	100%	116
	Pharmaceuticals/Cosmetics	2.9%	86.3%	10.8%	100%	102
	Biotechnology	6.1%	84.1%	9.8%	100%	82
	Agric&Foods	0.0%	94.4%	5.6%	100%	18
	PetrolChem/MaterialsChem	1.4%	85.5%	13.0%	100%	69
	SurfaceTechn	0.0%	94.4%	5.6%	100%	54
	Materials	4.4%	84.4%	11.1%	100%	90
ProcEng	ChemEngineering	4.6%	87.7%	7.7%	100%	65
	Matprocessing/Textiles/Paper	0.0%	90.7%	9.3%	100%	118
	Handl/Printing	1.9%	96.3%	1.9%	100%	107
	Agric&FoodProcess-Machines	0.0%	100.0%	0.0%	100%	7
	Environment	3.6%	89.3%	7.1%	100%	28
MechEng	MachineTools	2.9%	95.6%	1.5%	100%	68
	Motors	3.6%	92.8%	3.6%	100%	138
	ThermProcesses	0.0%	94.4%	5.6%	100%	36
	MechElements	2.7%	92.9%	4.4%	100%	113
	Transportation	4.8%	94.0%	1.2%	100%	166
ConsConst	ConsGoods	1.3%	93.3%	5.3%	100%	75
	ConstrTechn	0.0%	100.0%	0.0%	100%	21
All		3.1%	90.1%	6.8%	100%	2,930

		はい	いいえ	いいえ、 ただし使 用許諾は 可能	分からな い	total
ElecEng	Electr/Energy	5	225	23	30	283
	Audiovisual	12	94	16	40	162
	Telecom	4	139	9	43	195
	IT	6	118	12	31	167
	Semiconductors	2	106	16	20	144
Instruments	Optical	5	102	18	32	157
	Analysis/Measurement/ControlTech	5	187	21	33	246
	MedicalTechn	5	98	8	19	130
	NuclearTechn	0	14	0	0	14
Chemistry	OrganicChem	12	105	18	21	156
	Polymers	3	99	13	16	131
	Pharmaceuticals/Cosmetics	12	78	14	14	118
	Biotechnology	7	61	12	9	89
	Agric&Foods	0	17	1	2	20
	PetrolChem/MaterialsChem	2	56	9	4	71
	SurfaceTechn	1	51	3	5	60
	Materials	4	70	16	13	103
ProcEng	ChemEngineering	7	51	8	4	70
	Matprocessing/Textiles/Paper	5	102	10	12	129
	Handl/Printing	6	94	2	25	127
	Agric&FoodProcess-Machines	0	8	0	1	9
	Environment	3	24	2	3	32
MechEng	MachineTools	0	61	4	6	71
	Motors	3	119	11	23	156
	ThermProcesses	0	34	1	7	42
	MechElements	4	96	7	23	130
	Transportation	8	141	6	36	191
ConsConst	ConsGoods	0	65	7	8	80
	ConstrTechn	1	19	1	2	23
Total		122	2,434	268	482	3,306

		はい	いいえ	いいえ、 ただし使 用許諾は 可能	total	N
ElecEng	Electr/Energy	1.98%	88.93%	9.09%	100%	253
	Audiovisual	9.84%	77.05%	13.11%	100%	122
	Telecom	2.63%	91.45%	5.92%	100%	152
	IT	4.41%	86.76%	8.82%	100%	136
	Semiconductors	1.61%	85.48%	12.90%	100%	124
Instruments	Optical	4.00%	81.60%	14.40%	100%	125
	Analysis/Measurement/ControlTech	2.35%	87.79%	9.86%	100%	213
	MedicalTechn	4.50%	88.29%	7.21%	100%	111
	NuclearTechn	0.00%	100.00%	0.00%	100%	14
Chemistry	OrganicChem	8.89%	77.78%	13.33%	100%	135
	Polymers	2.61%	86.09%	11.30%	100%	115
	Pharmaceuticals/Cosmetics	11.54%	75.00%	13.46%	100%	104
	Biotechnology	8.75%	76.25%	15.00%	100%	80
	Agric&Foods	0.00%	94.44%	5.56%	100%	18
	PetrolChem/MaterialsChem	2.99%	83.58%	13.43%	100%	67
	SurfaceTechn	1.82%	92.73%	5.45%	100%	55
	Materials	4.44%	77.78%	17.78%	100%	90
ProcEng	ChemEngineering	10.61%	77.27%	12.12%	100%	66
	Matprocessing/Textiles/Paper	4.27%	87.18%	8.55%	100%	117
	Handl/Printing	5.88%	92.16%	1.96%	100%	102
	Agric&FoodProcess-Machines	0.00%	100.00%	0.00%	100%	8
	Environment	10.34%	82.76%	6.90%	100%	29
MechEng	MachineTools	0.00%	93.85%	6.15%	100%	65
	Motors	2.26%	89.47%	8.27%	100%	133
	ThermProcesses	0.00%	97.14%	2.86%	100%	35
	MechElements	3.74%	89.72%	6.54%	100%	107
	Transportation	5.16%	90.97%	3.87%	100%	155
ConsConst	ConsGoods	0.00%	90.28%	9.72%	100%	72
	ConstrTechn	4.76%	90.48%	4.76%	100%	21
All		4.32%	86.19%	9.49%	100%	2,824

E5 (E4で「はい」を選択した回答者のみ)
クロスライセンス契約であったか

		はい	いいえ	分からない	無回答	Total
ElecEng	Electr/Energy	1	2	2	0	5
	Audiovisual	3	4	4	1	12
	Telecom	0	4	0	0	4
	IT	0	3	3	0	6
	Semiconductors	0	2	0	0	2
Instruments	Optical	1	4	0	0	5
	Analysis/Masurement/ControlTech	0	1	4	0	5
	MedicalTechn	0	3	2	0	5
	NuclearTechn	0	0	0	0	0
Chemistry	OrganicChem	0	9	3	0	12
	Polymers	0	3	0	0	3
	Pharmaceuticals/Cosmetics	1	9	2	0	12
	Biotechnology	0	5	2	0	7
	Agric&Foods	0	0	0	0	0
	PetrolChem/MaterialsChem	1	0	1	0	2
	SurfaceTechn	0	1	0	0	1
	Materials	1	2	1	0	4
ProcEng	ChemEngineering	0	6	1	0	7
	Matprocessing/Textiles/Paper	0	4	1	0	5
	Handl/Printing	1	3	2	0	6
	Agric&FoodProcess-Machines	0	0	0	0	0
	Environment	1	2	0	0	3
MechEng	MachineTools	0	0	0	0	0
	Motors	0	1	2	0	3
	ThermProcesses	0	0	0	0	0
	MechElements	1	3	0	0	4
	Transportation	2	5	1	0	8
ConsConst	ConsGoods	0	0	0	0	0
	ConstrTechn	0	1	0	0	1
Total		13	77	31	1	122

		はい	いいえ	Total	N
ElecEng	Electr/Energy	33.3%	66.7%	100%	3
	Audiovisual	42.9%	57.1%	100%	7
	Telecom	0.0%	100.0%	100%	4
	IT	0.0%	100.0%	100%	3
	Semiconductors	0.0%	100.0%	100%	2
Instruments	Optical	20.0%	80.0%	100%	5
	Analysis/Masurement/ControlTech	0.0%	100.0%	100%	1
	MedicalTechn	0.0%	100.0%	100%	3
	NuclearTechn	-	-	-	0
Chemistry	OrganicChem	0.0%	100.0%	100%	9
	Polymers	0.0%	100.0%	100%	3
	Pharmaceuticals/Cosmetics	10.0%	90.0%	100%	10
	Biotechnology	0.0%	100.0%	100%	5
	Agric&Foods	-	-	-	0
	PetrolChem/MaterialsChem	100.0%	0.0%	100%	1
	SurfaceTechn	0.0%	100.0%	100%	1
	Materials	33.3%	66.7%	100%	3
ProcEng	ChemEngineering	0.0%	100.0%	100%	6
	Matprocessing/Textiles/Paper	0.0%	100.0%	100%	4
	Handl/Printing	25.0%	75.0%	100%	4
	Agric&FoodProcess-Machines	-	-	-	0
	Environment	33.3%	66.7%	100%	3
MechEng	MachineTools	-	-	-	0
	Motors	0.0%	100.0%	100%	1
	ThermProcesses	-	-	-	0
	MechElements	25.0%	75.0%	100%	4
	Transportation	28.6%	71.4%	100%	7
ConsConst	ConsGoods	-	-	-	0
	ConstrTechn	0.0%	100.0%	100%	1
All		14.4%	85.6%	100%	90

E6 (E4で「はい」を選択した回答者のみ)
数はどれくらいか

		Only one	2-4	5-10	11-50	51-	分からない	無回答	Total
ElecEng	Electr/Energy	1	3	0	0	0	1	0	5
	Audiovisual	3	1	0	1	2	4	1	12
	Telecom	2	1	0	0	0	1	0	4
	IT	2	1	1	0	1	1	0	6
	Semiconductors	1	1	0	0	0	0	0	2
Instruments	Optical	4	1	0	0	0	0	0	5
	Analysis/Measurement/ControlTech	2	0	2	0	0	1	0	5
	MedicalTechn	2	2	0	0	0	1	0	5
	NuclearTechn	0	0	0	0	0	0	0	0
Chemistry	OrganicChem	7	3	1	0	0	1	0	12
	Polymers	2	1	0	0	0	0	0	3
	Pharmaceuticals/Cosmetics	7	2	1	0	0	2	0	12
	Biotechnology	5	2	0	0	0	0	0	7
	Agric&Foods	0	0	0	0	0	0	0	0
	PetrolChem/MaterialsChem	2	0	0	0	0	0	0	2
	SurfaceTechn	0	1	0	0	0	0	0	1
	Materials	1	2	0	1	0	0	0	4
ProcEng	ChemEngineering	2	4	1	0	0	0	0	7
	Matprocessing/Textiles/Paper	0	4	0	0	0	1	0	5
	Handl/Printing	2	3	1	0	0	0	0	6
	Agric&FoodProcess-Machines	0	0	0	0	0	0	0	0
	Environment	2	1	0	0	0	0	0	3
MechEng	MachineTools	0	0	0	0	0	0	0	0
	Motors	1	2	0	0	0	0	0	3
	ThermProcesses	0	0	0	0	0	0	0	0
	MechElements	2	2	0	0	0	0	0	4
	Transportation	3	2	2	0	0	1	0	8
ConsConst	ConsGoods	0	0	0	0	0	0	0	0
	ConstrTechn	0	1	0	0	0	0	0	1
Total		53	40	9	2	3	14	1	122

		Only one	2-4	5-10	11-50	51-	Total	N
ElecEng	Electr/Energy	25.0%	75.0%	0.0%	0.0%	0.0%	100%	4
	Audiovisual	42.9%	14.3%	0.0%	14.3%	28.6%	100%	7
	Telecom	66.7%	33.3%	0.0%	0.0%	0.0%	100%	3
	IT	40.0%	20.0%	20.0%	0.0%	20.0%	100%	5
	Semiconductors	50.0%	50.0%	0.0%	0.0%	0.0%	100%	2
Instruments	Optical	80.0%	20.0%	0.0%	0.0%	0.0%	100%	5
	Analysis/Measurement/ControlTech	50.0%	0.0%	50.0%	0.0%	0.0%	100%	4
	MedicalTechn	50.0%	50.0%	0.0%	0.0%	0.0%	100%	4
	NuclearTechn	-	-	-	-	-	-	0
Chemistry	OrganicChem	63.6%	27.3%	9.1%	0.0%	0.0%	100%	11
	Polymers	66.7%	33.3%	0.0%	0.0%	0.0%	100%	3
	Pharmaceuticals/Cosmetics	70.0%	20.0%	10.0%	0.0%	0.0%	100%	10
	Biotechnology	71.4%	28.6%	0.0%	0.0%	0.0%	100%	7
	Agric&Foods	-	-	-	-	-	-	0
	PetrolChem/MaterialsChem	100.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	SurfaceTechn	0.0%	100.0%	0.0%	0.0%	0.0%	100%	1
	Materials	25.0%	50.0%	0.0%	25.0%	0.0%	100%	4
ProcEng	ChemEngineering	28.6%	57.1%	14.3%	0.0%	0.0%	100%	7
	Matprocessing/Textiles/Paper	0.0%	100.0%	0.0%	0.0%	0.0%	100%	4
	Handl/Printing	33.3%	50.0%	16.7%	0.0%	0.0%	100%	6
	Agric&FoodProcess-Machines	-	-	-	-	-	-	0
	Environment	66.7%	33.3%	0.0%	0.0%	0.0%	100%	3
MechEng	MachineTools	-	-	-	-	-	-	0
	Motors	33.3%	66.7%	0.0%	0.0%	0.0%	100%	3
	ThermProcesses	-	-	-	-	-	-	0
	MechElements	50.0%	50.0%	0.0%	0.0%	0.0%	100%	4
	Transportation	42.9%	28.6%	28.6%	0.0%	0.0%	100%	7
ConsConst	ConsGoods	-	-	-	-	-	-	0
	ConstrTechn	0.0%	100.0%	0.0%	0.0%	0.0%	100%	1
All		49.5%	37.4%	8.4%	1.9%	2.8%	100%	107

		はい、すでに設立済	いいえ、ただし検討中	いいえ	分からない	Total
ElecEng	Electr/Energy	2	2	252	27	283
	Audiovisual	3	2	139	18	162
	Telecom	2	2	166	25	195
	IT	1	0	141	25	167
	Semiconductors	1	0	132	11	144
Instruments	Optical	3	2	140	12	157
	Analysis/Measurement/ControlTech	6	1	215	24	246
	MedicalTechn	2	0	115	13	130
	NuclearTechn	0	2	12	0	14
Chemistry	OrganicChem	4	0	137	15	156
	Polymers	0	0	121	10	131
	Pharmaceuticals/Cosmetics	4	0	108	6	118
	Biotechnology	3	1	80	5	89
	Agric&Foods	1	1	17	1	20
	PetrolChem/MaterialsChem	0	1	67	3	71
	SurfaceTechn	0	0	55	5	60
	Materials	0	2	89	12	103
ProcEng	ChemEngineering	1	0	63	6	70
	Matprocessing/Textiles/Paper	0	1	118	10	129
	Handl/Printing	0	0	115	12	127
	Agric&FoodProcess-Machines	0	1	8	0	9
	Environment	1	1	30	0	32
MechEng	MachineTools	0	2	65	4	71
	Motors	1	1	143	11	156
	ThermProcesses	0	0	37	5	42
	MechElements	0	0	119	11	130
	Transportation	0	0	166	25	191
ConsConst	ConsGoods	0	0	74	6	80
	ConstrTechn	0	0	21	2	23
Total		35	22	2,945	304	3,306

		はい、すでに設立済	いいえ、ただし検討中	いいえ	Total	N
ElecEng	Electr/Energy	0.78%	0.78%	98.44%	100%	256
	Audiovisual	2.08%	1.39%	96.53%	100%	144
	Telecom	1.18%	1.18%	97.65%	100%	170
	IT	0.70%	0.00%	99.30%	100%	142
	Semiconductors	0.75%	0.00%	99.25%	100%	133
Instruments	Optical	2.07%	1.38%	96.55%	100%	145
	Analysis/Measurement/ControlTech	2.70%	0.45%	96.85%	100%	222
	MedicalTechn	1.71%	0.00%	98.29%	100%	117
	NuclearTechn	0.00%	14.29%	85.71%	100%	14
Chemistry	OrganicChem	2.84%	0.00%	97.16%	100%	141
	Polymers	0.00%	0.00%	100.00%	100%	121
	Pharmaceuticals/Cosmetics	3.57%	0.00%	96.43%	100%	112
	Biotechnology	3.57%	1.19%	95.24%	100%	84
	Agric&Foods	5.26%	5.26%	89.47%	100%	19
	PetrolChem/MaterialsChem	0.00%	1.47%	98.53%	100%	68
	SurfaceTechn	0.00%	0.00%	100.00%	100%	55
	Materials	0.00%	2.20%	97.80%	100%	91
ProcEng	ChemEngineering	1.56%	0.00%	98.44%	100%	64
	Matprocessing/Textiles/Paper	0.00%	0.84%	99.16%	100%	119
	Handl/Printing	0.00%	0.00%	100.00%	100%	115
	Agric&FoodProcess-Machines	0.00%	11.11%	88.89%	100%	9
	Environment	3.13%	3.13%	93.75%	100%	32
MechEng	MachineTools	0.00%	2.99%	97.01%	100%	67
	Motors	0.69%	0.69%	98.62%	100%	145
	ThermProcesses	0.00%	0.00%	100.00%	100%	37
	MechElements	0.00%	0.00%	100.00%	100%	119
	Transportation	0.00%	0.00%	100.00%	100%	166
ConsConst	ConsGoods	0.00%	0.00%	100.00%	100%	74
	ConstrTechn	0.00%	0.00%	100.00%	100%	21
All		1.17%	0.73%	98.10%	100%	3,002

E8 (E7で1,2を選択した回答者のみ)
新会社を設立した・しようとしている人

[Multiple choice]

		貴方自身	他の共同 発明者	特許出願 者	その他	分からな い	無回答	Sample
ElecEng	Electr/Energy	2	0	0	0	1	1	4
	Audiovisual	2	0	2	1	0	0	5
	Telecom	0	1	3	0	1	0	4
	IT	1	0	0	0	0	0	1
	Semiconductors	1	0	0	0	0	0	1
Instruments	Optical	3	2	0	0	0	0	5
	Analysis/Measurement/ControlTech	5	0	1	1	1	0	7
	MedicalTechn	0	1	0	1	0	0	2
	NuclearTechn	0	0	1	0	1	0	2
Chemistry	OrganicChem	2	2	0	0	0	0	4
	Polymers	0	0	0	0	0	0	0
	Pharmaceuticals/Cosmetics	2	2	1	0	0	0	4
	Biotechnology	1	0	3	0	0	0	4
	Agric&Foods	2	0	0	0	0	0	2
	PetrolChem/MaterialsChem	0	0	1	0	0	0	1
	SurfaceTechn	0	0	0	0	0	0	0
ProcEng	Materials	1	0	0	1	0	0	2
	ChemEngineering	1	0	0	0	0	0	1
	Matprocessing/Textiles/Paper	0	0	0	0	1	0	1
	Handl/Printing	0	0	0	0	0	0	0
	Agric&FoodProcess-Machines	1	0	0	0	0	0	1
MechEng	Environment	1	2	1	0	0	0	2
	MachineTools	1	0	0	1	0	0	2
	Motors	0	0	0	1	0	1	2
	ThermProcesses	0	0	0	0	0	0	0
	MechElements	0	0	0	0	0	0	0
ConsConst	Transportation	0	0	0	0	0	0	0
	ConsGoods	0	0	0	0	0	0	0
	ConstrTechn	0	0	0	0	0	0	0
Total		26	10	13	6	5	2	57

		貴方自身	他の共同 発明者	特許出願 者	その他	N
ElecEng	Electr/Energy	100.0%	0.0%	0.0%	0.0%	2
	Audiovisual	40.0%	0.0%	40.0%	20.0%	5
	Telecom	0.0%	33.3%	100.0%	0.0%	3
	IT	100.0%	0.0%	0.0%	0.0%	1
	Semiconductors	100.0%	0.0%	0.0%	0.0%	1
Instruments	Optical	60.0%	40.0%	0.0%	0.0%	5
	Analysis/Measurement/ControlTech	83.3%	0.0%	16.7%	16.7%	6
	MedicalTechn	0.0%	50.0%	0.0%	50.0%	2
	NuclearTechn	0.0%	0.0%	100.0%	0.0%	1
Chemistry	OrganicChem	50.0%	50.0%	0.0%	0.0%	4
	Polymers	-	-	-	-	0
	Pharmaceuticals/Cosmetics	50.0%	50.0%	25.0%	0.0%	4
	Biotechnology	25.0%	0.0%	75.0%	0.0%	4
	Agric&Foods	100.0%	0.0%	0.0%	0.0%	2
	PetrolChem/MaterialsChem	0.0%	0.0%	100.0%	0.0%	1
	SurfaceTechn	-	-	-	-	0
ProcEng	Materials	50.0%	0.0%	0.0%	50.0%	2
	ChemEngineering	100.0%	0.0%	0.0%	0.0%	1
	Matprocessing/Textiles/Paper	-	-	-	-	0
	Handl/Printing	-	-	-	-	0
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	1
MechEng	Environment	50.0%	100.0%	50.0%	0.0%	2
	MachineTools	50.0%	0.0%	0.0%	50.0%	2
	Motors	0.0%	0.0%	0.0%	100.0%	1
	ThermProcesses	-	-	-	-	0
	MechElements	-	-	-	-	0
ConsConst	Transportation	-	-	-	-	0
	ConsGoods	-	-	-	-	0
	ConstrTechn	-	-	-	-	0
All		52.0%	20.0%	26.0%	12.0%	50

E10 (E7で1,2を選択した回答者のみ)
新会社への出資者について

		発明者が 一部出資	特許権者 が一部出 資	独立して いる	分らない	無回答	Total
ElecEng	Electr/Energy	2	2	0	0	0	4
	Audiovisual	1	3	1	0	0	5
	Telecom	0	2	1	1	0	4
	IT	1	0	0	0	0	1
	Semiconductors	1	0	0	0	0	1
Instruments	Optical	1	1	1	1	1	5
	Analysis/Measurement/ControlTech	5	1	0	1	0	7
	MedicalTechn	1	1	0	0	0	2
	NuclearTechn	0	2	0	0	0	2
Chemistry	OrganicChem	3	1	0	0	0	4
	Polymers	0	0	0	0	0	0
	Pharmaceuticals/Cosmetics	3	1	0	0	0	4
	Biotechnology	3	0	1	0	0	4
	Agric&Foods	1	1	0	0	0	2
	PetrolChem/MaterialsChem	0	1	0	0	0	1
	SurfaceTechn	0	0	0	0	0	0
	Materials	0	0	1	1	0	2
ProcEng	ChemEngineering	0	1	0	0	0	1
	Matprocessing/Textiles/Paper	0	0	0	1	0	1
	Handl/Printing	0	0	0	0	0	0
	Agric&FoodProcess-Machines	0	0	1	0	0	1
	Environment	0	1	1	0	0	2
MechEng	MachineTools	1	0	1	0	0	2
	Motors	0	1	0	1	0	2
	ThermProcesses	0	0	0	0	0	0
	MechElements	0	0	0	0	0	0
	Transportation	0	0	0	0	0	0
ConsConst	ConsGoods	0	0	0	0	0	0
	ConstrTechn	0	0	0	0	0	0
Total		23	19	8	6	1	57

		発明者が 一部出資	特許権者 が一部出 資	独立して いる	Total	N
ElecEng	Electr/Energy	50.0%	50.0%	0.0%	100%	4
	Audiovisual	20.0%	60.0%	20.0%	100%	5
	Telecom	0.0%	66.7%	33.3%	100%	3
	IT	100.0%	0.0%	0.0%	100%	1
	Semiconductors	100.0%	0.0%	0.0%	100%	1
Instruments	Optical	33.3%	33.3%	33.3%	100%	3
	Analysis/Measurement/ControlTech	83.3%	16.7%	0.0%	100%	6
	MedicalTechn	50.0%	50.0%	0.0%	100%	2
	NuclearTechn	0.0%	100.0%	0.0%	100%	2
Chemistry	OrganicChem	75.0%	25.0%	0.0%	100%	4
	Polymers	-	-	-	-	0
	Pharmaceuticals/Cosmetics	75.0%	25.0%	0.0%	100%	4
	Biotechnology	75.0%	0.0%	25.0%	100%	4
	Agric&Foods	50.0%	50.0%	0.0%	100%	2
	PetrolChem/MaterialsChem	0.0%	100.0%	0.0%	100%	1
	SurfaceTechn	-	-	-	-	0
ProcEng	Materials	0.0%	0.0%	100.0%	100%	1
	ChemEngineering	0.0%	100.0%	0.0%	100%	1
	Matprocessing/Textiles/Paper	-	-	-	-	0
	Handl/Printing	-	-	-	-	0
	Agric&FoodProcess-Machines	0.0%	0.0%	100.0%	100%	1
	Environment	0.0%	50.0%	50.0%	100%	2
MechEng	MachineTools	50.0%	0.0%	50.0%	100%	2
	Motors	0.0%	100.0%	0.0%	100%	1
	ThermProcesses	-	-	-	-	0
	MechElements	-	-	-	-	0
	Transportation	-	-	-	-	0
ConsConst	ConsGoods	-	-	-	-	0
	ConstrTechn	-	-	-	-	0
All		46.0%	38.0%	16.0%	100%	50

		はい	いいえ	分からない	Total
ElecEng	Electr/Energy	121	85	77	283
	Audiovisual	62	52	48	162
	Telecom	52	81	62	195
	IT	49	61	57	167
	Semiconductors	73	37	34	144
Instruments	Optical	78	41	38	157
	Analysis/Measurement/ControlTech	89	86	71	246
	MedicalTechn	54	41	35	130
	NuclearTechn	8	3	3	14
Chemistry	OrganicChem	83	31	42	156
	Polymers	74	23	34	131
	Pharmaceuticals/Cosmetics	49	34	35	118
	Biotechnology	36	30	23	89
	Agric&Foods	14	3	3	20
	PetrolChem/MaterialsChem	30	24	17	71
	SurfaceTechn	33	12	15	60
	Materials	52	25	26	103
ProcEng	ChemEngineering	46	12	12	70
	Matprocessing/Textiles/Paper	67	31	31	129
	Handl/Printing	46	38	43	127
	Agric&FoodProcess-Machines	3	5	1	9
	Environment	17	6	9	32
MechEng	MachineTools	22	26	23	71
	Motors	53	52	51	156
	ThermProcesses	14	13	15	42
	MechElements	51	41	38	130
	Transportation	47	66	78	191
ConsConst	ConsGoods	31	18	31	80
	ConstrTechn	9	9	5	23
Total		1,363	986	957	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	58.7%	41.3%	100%	206
	Audiovisual	54.4%	45.6%	100%	114
	Telecom	39.1%	60.9%	100%	133
	IT	44.5%	55.5%	100%	110
	Semiconductors	66.4%	33.6%	100%	110
Instruments	Optical	65.5%	34.5%	100%	119
	Analysis/Measurement/ControlTech	50.9%	49.1%	100%	175
	MedicalTechn	56.8%	43.2%	100%	95
	NuclearTechn	72.7%	27.3%	100%	11
Chemistry	OrganicChem	72.8%	27.2%	100%	114
	Polymers	76.3%	23.7%	100%	97
	Pharmaceuticals/Cosmetics	59.0%	41.0%	100%	83
	Biotechnology	54.5%	45.5%	100%	66
	Agric&Foods	82.4%	17.6%	100%	17
	PetrolChem/MaterialsChem	55.6%	44.4%	100%	54
	SurfaceTechn	73.3%	26.7%	100%	45
	Materials	67.5%	32.5%	100%	77
ProcEng	ChemEngineering	79.3%	20.7%	100%	58
	Matprocessing/Textiles/Paper	68.4%	31.6%	100%	98
	Handl/Printing	54.8%	45.2%	100%	84
	Agric&FoodProcess-Machines	37.5%	62.5%	100%	8
	Environment	73.9%	26.1%	100%	23
MechEng	MachineTools	45.8%	54.2%	100%	48
	Motors	50.5%	49.5%	100%	105
	ThermProcesses	51.9%	48.1%	100%	27
	MechElements	55.4%	44.6%	100%	92
	Transportation	41.6%	58.4%	100%	113
ConsConst	ConsGoods	63.3%	36.7%	100%	49
	ConstrTechn	50.0%	50.0%	100%	18
All		58.0%	42.0%	100%	2349

		2-5 patents	6-10 patents	11-20 patents	21-40 patents	41-80 patents	81 or more	分からな い	無回答	Total
ElecEng	Electr/Energy	50	25	16	8	2	2	17	1	121
	Audiovisual	35	9	4	1	1	2	9	1	62
	Telecom	29	10	5	4	0	0	4	0	52
	IT	20	13	5	2	1	1	7	0	49
	Semiconductors	27	14	6	6	2	1	17	0	73
Instruments	Optical	41	11	6	4	1	1	14	0	78
	Analysis/Measurement/ControlTech	35	15	12	3	4	1	19	0	89
	MedicalTechn	26	6	5	6	0	2	9	0	54
	NuclearTechn	3	3	0	1	0	1	0	0	8
Chemistry	OrganicChem	46	17	2	3	2	0	13	0	83
	Polymers	47	6	6	1	1	2	11	0	74
	Pharmaceuticals/Cosmetics	30	6	5	2	0	0	6	0	49
	Biotechnology	19	6	4	3	0	0	4	0	36
	Agric&Foods	7	3	1	0	0	0	3	0	14
	PetrolChem/MaterialsChem	21	5	1	0	0	0	3	0	30
	SurfaceTechn	15	5	4	2	2	0	5	0	33
ProcEng	Materials	25	8	5	3	3	1	6	1	52
	ChemEngineering	21	6	5	2	1	0	11	0	46
	Matprocessing/Textiles/Paper	26	11	12	10	2	0	6	0	67
	Handl/Printing	20	4	6	2	3	1	10	0	46
	Agric&FoodProcess-Machines	2	0	0	0	0	0	1	0	3
MechEng	Environment	7	4	0	2	0	2	2	0	17
	MachineTools	12	3	0	1	0	3	3	0	22
	Motors	23	7	1	2	3	1	16	0	53
	ThermProcesses	7	2	0	0	2	1	2	0	14
	MechElements	16	15	4	3	1	0	12	0	51
ConsConst	Transportation	20	10	7	3	1	0	6	0	47
	ConsGoods	17	5	3	0	1	0	5	0	31
	ConstrTechn	6	1	1	0	0	0	1	0	9
Total		653	230	126	74	33	22	222	3	1,363

		2-5 patents	6-10 patents	11-20 patents	21-40 patents	41-80 patents	81 or more	Total	N
ElecEng	Electr/Energy	48.5%	24.3%	15.5%	7.8%	1.9%	1.9%	100%	103
	Audiovisual	67.3%	17.3%	7.7%	1.9%	1.9%	3.8%	100%	52
	Telecom	60.4%	20.8%	10.4%	8.3%	0.0%	0.0%	100%	48
	IT	47.6%	31.0%	11.9%	4.8%	2.4%	2.4%	100%	42
	Semiconductors	48.2%	25.0%	10.7%	10.7%	3.6%	1.8%	100%	56
Instruments	Optical	64.1%	17.2%	9.4%	6.3%	1.6%	1.6%	100%	64
	Analysis/Measurement/ControlTech	50.0%	21.4%	17.1%	4.3%	5.7%	1.4%	100%	70
	MedicalTechn	57.8%	13.3%	11.1%	13.3%	0.0%	4.4%	100%	45
	NuclearTechn	37.5%	37.5%	0.0%	12.5%	0.0%	12.5%	100%	8
Chemistry	OrganicChem	65.7%	24.3%	2.9%	4.3%	2.9%	0.0%	100%	70
	Polymers	74.6%	9.5%	9.5%	1.6%	1.6%	3.2%	100%	63
	Pharmaceuticals/Cosmetics	69.8%	14.0%	11.6%	4.7%	0.0%	0.0%	100%	43
	Biotechnology	59.4%	18.8%	12.5%	9.4%	0.0%	0.0%	100%	32
	Agric&Foods	63.6%	27.3%	9.1%	0.0%	0.0%	0.0%	100%	11
	PetrolChem/MaterialsChem	77.8%	18.5%	3.7%	0.0%	0.0%	0.0%	100%	27
	SurfaceTechn	53.6%	17.9%	14.3%	7.1%	7.1%	0.0%	100%	28
ProcEng	Materials	55.6%	17.8%	11.1%	6.7%	6.7%	2.2%	100%	45
	ChemEngineering	60.0%	17.1%	14.3%	5.7%	2.9%	0.0%	100%	35
	Matprocessing/Textiles/Paper	42.6%	18.0%	19.7%	16.4%	3.3%	0.0%	100%	61
	Handl/Printing	55.6%	11.1%	16.7%	5.6%	8.3%	2.8%	100%	36
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
MechEng	Environment	46.7%	26.7%	0.0%	13.3%	0.0%	13.3%	100%	15
	MachineTools	63.2%	15.8%	0.0%	5.3%	0.0%	15.8%	100%	19
	Motors	62.2%	18.9%	2.7%	5.4%	8.1%	2.7%	100%	37
	ThermProcesses	58.3%	16.7%	0.0%	0.0%	16.7%	8.3%	100%	12
	MechElements	41.0%	38.5%	10.3%	7.7%	2.6%	0.0%	100%	39
ConsConst	Transportation	48.8%	24.4%	17.1%	7.3%	2.4%	0.0%	100%	41
	ConsGoods	65.4%	19.2%	11.5%	0.0%	3.8%	0.0%	100%	26
	ConstrTechn	75.0%	12.5%	12.5%	0.0%	0.0%	0.0%	100%	8
All		57.4%	20.2%	11.1%	6.5%	2.9%	1.9%	100%	1138

E12 (E11で「はい」を選択した回答者のみ)
特許ファミリーの中で本特許の果たす役割

		明らかに もつとも重 要な特許	重要な特 許・重要 な特許の 一つ	非主要部 分を防御 する補助 的特許	分からな い	無回答	Total
ElecEng	Electr/Energy	31	71	8	9	2	121
	Audiovisual	16	36	7	3	0	62
	Telecom	10	31	6	5	0	52
	IT	10	32	3	4	0	49
	Semiconductors	16	38	15	4	0	73
Instruments	Optical	15	46	9	5	3	78
	Analysis/Masurement/ControlTech	19	45	15	8	2	89
	MedicalTechn	18	23	12	1	0	54
	NuclearTechn	5	2	1	0	0	8
Chemistry	OrganicChem	20	53	6	4	0	83
	Polymers	24	42	5	3	0	74
	Pharmaceuticals/Cosmetics	14	31	4	0	0	49
	Biotechnology	7	20	6	2	1	36
	Agric&Foods	4	6	3	1	0	14
	PetrolChem/MaterialsChem	9	16	2	3	0	30
	SurfaceTechn	8	19	1	4	1	33
	Materials	13	30	8	1	0	52
ProcEng	ChemEngineering	14	20	6	6	0	46
	Matprocessing/Textiles/Paper	14	44	7	2	0	67
	Handl/Printing	10	27	4	5	0	46
	Agric&FoodProcess-Machines	3	0	0	0	0	3
	Environment	6	9	2	0	0	17
MechEng	MachineTools	6	9	5	2	0	22
	Motors	10	30	7	6	0	53
	ThermProcesses	5	6	2	1	0	14
	MechElements	8	28	11	4	0	51
	Transportation	10	29	4	3	1	47
ConsConst	ConsGoods	11	17	0	3	0	31
	ConstrTechn	0	9	0	0	0	9
Total		336	769	159	89	10	1,363

		明らかに もつとも重 要な特許	重要な特 許・重要 な特許の 一つ	非主要部 分を防御 する補助 的特許	Total	N
ElecEng	Electr/Energy	28.2%	64.5%	7.3%	100%	110
	Audiovisual	27.1%	61.0%	11.9%	100%	59
	Telecom	21.3%	66.0%	12.8%	100%	47
	IT	22.2%	71.1%	6.7%	100%	45
	Semiconductors	23.2%	55.1%	21.7%	100%	69
Instruments	Optical	21.4%	65.7%	12.9%	100%	70
	Analysis/Masurement/ControlTech	24.1%	57.0%	19.0%	100%	79
	MedicalTechn	34.0%	43.4%	22.6%	100%	53
	NuclearTechn	62.5%	25.0%	12.5%	100%	8
Chemistry	OrganicChem	25.3%	67.1%	7.6%	100%	79
	Polymers	33.8%	59.2%	7.0%	100%	71
	Pharmaceuticals/Cosmetics	28.6%	63.3%	8.2%	100%	49
	Biotechnology	21.2%	60.6%	18.2%	100%	33
	Agric&Foods	30.8%	46.2%	23.1%	100%	13
	PetrolChem/MaterialsChem	33.3%	59.3%	7.4%	100%	27
	SurfaceTechn	28.6%	67.9%	3.6%	100%	28
	Materials	25.5%	58.8%	15.7%	100%	51
ProcEng	ChemEngineering	35.0%	50.0%	15.0%	100%	40
	Matprocessing/Textiles/Paper	21.5%	67.7%	10.8%	100%	65
	Handl/Printing	24.4%	65.9%	9.8%	100%	41
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	100%	3
	Environment	35.3%	52.9%	11.8%	100%	17
MechEng	MachineTools	30.0%	45.0%	25.0%	100%	20
	Motors	21.3%	63.8%	14.9%	100%	47
	ThermProcesses	38.5%	46.2%	15.4%	100%	13
	MechElements	17.0%	59.6%	23.4%	100%	47
	Transportation	23.3%	67.4%	9.3%	100%	43
ConsConst	ConsGoods	39.3%	60.7%	0.0%	100%	28
	ConstrTechn	0.0%	100.0%	0.0%	100%	9
All		26.6%	60.8%	12.6%	100%	1264

		はい	いいえ	分からない	Total
ElecEng	Electr/Energy	116	48	119	283
	Audiovisual	53	33	76	162
	Telecom	80	37	78	195
	IT	66	31	70	167
	Semiconductors	49	43	52	144
Instruments	Optical	49	35	73	157
	Analysis/Measurement/ControlTech	109	42	95	246
	MedicalTechn	57	23	50	130
	NuclearTechn	7	3	4	14
Chemistry	OrganicChem	57	35	64	156
	Polymers	45	32	54	131
	Pharmaceuticals/Cosmetics	32	26	60	118
	Biotechnology	36	29	24	89
	Agric&Foods	11	5	4	20
	PetrolChem/MaterialsChem	33	16	22	71
	SurfaceTechn	23	14	23	60
	Materials	43	20	40	103
ProcEng	ChemEngineering	27	20	23	70
	Matprocessing/Textiles/Paper	50	35	44	129
	Handl/Printing	57	24	46	127
	Agric&FoodProcess-Machines	4	2	3	9
	Environment	15	6	11	32
MechEng	MachineTools	25	15	31	71
	Motors	66	14	76	156
	ThermProcesses	17	9	16	42
	MechElements	59	18	53	130
	Transportation	78	34	79	191
ConsConst	ConsGoods	36	14	30	80
	ConstrTechn	9	6	8	23
Total		1,309	669	1,328	3,306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	70.7%	29.3%	100%	164
	Audiovisual	61.6%	38.4%	100%	86
	Telecom	68.4%	31.6%	100%	117
	IT	68.0%	32.0%	100%	97
	Semiconductors	53.3%	46.7%	100%	92
Instruments	Optical	58.3%	41.7%	100%	84
	Analysis/Measurement/ControlTech	72.2%	27.8%	100%	151
	MedicalTechn	71.3%	28.8%	100%	80
	NuclearTechn	70.0%	30.0%	100%	10
Chemistry	OrganicChem	62.0%	38.0%	100%	92
	Polymers	58.4%	41.6%	100%	77
	Pharmaceuticals/Cosmetics	55.2%	44.8%	100%	58
	Biotechnology	55.4%	44.6%	100%	65
	Agric&Foods	68.8%	31.3%	100%	16
	PetrolChem/MaterialsChem	67.3%	32.7%	100%	49
	SurfaceTechn	62.2%	37.8%	100%	37
	Materials	68.3%	31.7%	100%	63
ProcEng	ChemEngineering	57.4%	42.6%	100%	47
	Matprocessing/Textiles/Paper	58.8%	41.2%	100%	85
	Handl/Printing	70.4%	29.6%	100%	81
	Agric&FoodProcess-Machines	66.7%	33.3%	100%	6
	Environment	71.4%	28.6%	100%	21
MechEng	MachineTools	62.5%	37.5%	100%	40
	Motors	82.5%	17.5%	100%	80
	ThermProcesses	65.4%	34.6%	100%	26
	MechElements	76.6%	23.4%	100%	77
	Transportation	69.6%	30.4%	100%	112
ConsConst	ConsGoods	72.0%	28.0%	100%	50
	ConstrTechn	60.0%	40.0%	100%	15
All		66.2%	33.8%	100%	1978

E14a (E13で「はい」、E11で「はい」を選択した回答者のみ)
出願日における本特許・関連特許一式の妥当な最低売却価格

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	無回答	Total
ElecEng	Electr/Energy	1	4	5	8	14	9	4	7	4	1	1	1	0	59
	Audiovisual	1	0	1	5	4	5	3	5	1	0	0	0	2	27
	Telecom	3	1	0	5	4	8	2	2	0	1	0	0	2	28
	IT	1	0	0	6	3	6	1	2	1	1	1	1	1	24
	Semiconductors	2	2	1	4	3	8	2	3	2	0	1	1	0	29
Instruments	Optical	0	0	2	2	6	6	7	6	1	1	0	0	0	31
	Analysis/Measurement/ControlTech	1	0	1	5	6	11	6	7	2	0	0	1	5	45
	MedicalTechn	0	1	0	3	5	7	0	0	0	3	0	2	2	23
	NuclearTechn	0	0	0	0	0	3	1	0	0	2	0	0	0	6
Chemistry	OrganicChem	1	1	0	3	3	1	6	8	3	4	1	3	0	34
	Polymers	1	1	0	3	6	6	4	3	3	1	2	0	1	31
	Pharmaceuticals/Cosmetics	0	0	0	1	4	4	3	2	0	1	1	2	2	20
	Biotechnology	1	0	0	2	3	3	5	4	2	2	0	1	0	23
	Agric&Foods	0	0	0	0	2	4	1	1	1	0	0	0	0	9
	PetrolChem/MaterialsChem	0	1	0	0	0	4	3	2	1	1	0	0	0	12
	SurfaceTechn	0	0	1	1	1	6	4	3	1	1	0	0	0	18
	Materials	0	0	0	3	3	3	2	3	4	3	1	0	1	23
	ChemEngineering	0	0	1	3	4	0	3	1	3	1	1	0	1	18
ProcEng	Matprocessing/Textiles/Paper	1	0	0	2	3	6	4	4	4	1	1	1	0	27
	Handl/Printing	0	2	1	0	8	4	2	2	2	0	0	0	0	21
	Agric&FoodProcess-Machines	1	0	0	0	0	0	0	0	0	0	0	0	1	2
	Environment	0	0	1	1	2	1	0	1	0	1	0	1	0	8
	MachineTools	0	0	0	0	3	2	3	0	0	1	1	0	0	10
MechEng	Motors	0	1	3	6	3	7	5	1	1	2	0	0	1	30
	ThermProcesses	1	0	2	0	1	2	1	0	1	1	0	0	0	9
	MechElements	1	0	0	6	3	2	3	4	1	1	1	0	1	23
	Transportation	1	3	1	1	5	6	1	5	1	0	0	0	1	25
ConsConst	ConsGoods	0	2	1	3	2	6	1	2	1	1	0	0	0	19
	ConstrTechn	0	1	0	2	1	1	0	0	1	0	0	0	0	6
Total		17	20	21	75	102	131	77	78	41	31	12	14	21	640

58

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	Total	N
ElecEng	Electr/Energy	1.7%	6.8%	8.5%	13.6%	23.7%	15.3%	6.8%	11.9%	6.8%	1.7%	1.7%	1.7%	100%	59
	Audiovisual	4.0%	0.0%	4.0%	20.0%	16.0%	20.0%	12.0%	20.0%	4.0%	0.0%	0.0%	0.0%	100%	25
	Telecom	11.5%	3.8%	0.0%	19.2%	15.4%	30.8%	7.7%	7.7%	0.0%	3.8%	0.0%	0.0%	100%	26
	IT	4.3%	0.0%	0.0%	26.1%	13.0%	26.1%	4.3%	8.7%	4.3%	4.3%	4.3%	4.3%	100%	23
	Semiconductors	6.9%	6.9%	3.4%	13.8%	10.3%	27.6%	6.9%	10.3%	6.9%	0.0%	3.4%	3.4%	100%	29
Instruments	Optical	0.0%	0.0%	6.5%	6.5%	19.4%	19.4%	22.6%	19.4%	3.2%	3.2%	0.0%	0.0%	100%	31
	Analysis/Measurement/ControlTech	2.5%	0.0%	2.5%	12.5%	15.0%	27.5%	15.0%	17.5%	5.0%	0.0%	0.0%	2.5%	100%	40
	MedicalTechn	0.0%	4.8%	0.0%	14.3%	23.8%	33.3%	0.0%	0.0%	0.0%	14.3%	0.0%	9.5%	100%	21
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	16.7%	0.0%	0.0%	33.3%	0.0%	0.0%	100%	6
Chemistry	OrganicChem	2.9%	2.9%	0.0%	8.8%	8.8%	2.9%	17.6%	23.5%	8.8%	11.8%	2.9%	8.8%	100%	34
	Polymers	3.3%	3.3%	0.0%	10.0%	20.0%	20.0%	13.3%	10.0%	10.0%	3.3%	6.7%	0.0%	100%	30
	Pharmaceuticals/Cosmetics	0.0%	0.0%	0.0%	5.6%	22.2%	22.2%	16.7%	11.1%	0.0%	5.6%	5.6%	11.1%	100%	18
	Biotechnology	4.3%	0.0%	0.0%	8.7%	13.0%	13.0%	21.7%	17.4%	8.7%	0.0%	4.3%	0.0%	100%	23
	Agric&Foods	0.0%	0.0%	0.0%	0.0%	22.2%	44.4%	11.1%	11.1%	11.1%	0.0%	0.0%	0.0%	100%	9
	PetrolChem/MaterialsChem	0.0%	8.3%	0.0%	0.0%	0.0%	33.3%	25.0%	16.7%	8.3%	8.3%	0.0%	0.0%	100%	12
	SurfaceTechn	0.0%	0.0%	5.6%	5.6%	5.6%	33.3%	22.2%	16.7%	5.6%	5.6%	0.0%	0.0%	100%	18
	Materials	0.0%	0.0%	0.0%	13.6%	13.6%	13.6%	9.1%	13.6%	18.2%	13.6%	4.5%	0.0%	100%	22
	ChemEngineering	0.0%	0.0%	5.9%	17.6%	23.5%	0.0%	17.6%	5.9%	17.6%	5.9%	5.9%	0.0%	100%	17
ProcEng	Matprocessing/Textiles/Paper	3.7%	0.0%	0.0%	7.4%	11.1%	22.2%	14.8%	14.8%	14.8%	3.7%	3.7%	3.7%	100%	27
	Handl/Printing	0.0%	9.5%	4.8%	0.0%	38.1%	19.0%	9.5%	9.5%	9.5%	0.0%	0.0%	0.0%	100%	21
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	1
	Environment	0.0%	0.0%	12.5%	12.5%	25.0%	12.5%	0.0%	12.5%	0.0%	12.5%	0.0%	12.5%	100%	8
	MachineTools	0.0%	0.0%	0.0%	0.0%	30.0%	20.0%	30.0%	0.0%	0.0%	10.0%	10.0%	0.0%	100%	10
MechEng	Motors	0.0%	3.4%	10.3%	20.7%	10.3%	24.1%	17.2%	3.4%	3.4%	6.9%	0.0%	0.0%	100%	29
	ThermProcesses	11.1%	0.0%	22.2%	0.0%	11.1%	22.2%	11.1%	0.0%	11.1%	11.1%	0.0%	0.0%	100%	9
	MechElements	4.5%	0.0%	0.0%	27.3%	13.6%	9.1%	13.6%	18.2%	4.5%	4.5%	4.5%	0.0%	100%	22
	Transportation	4.2%	12.5%	4.2%	4.2%	20.8%	25.0%	4.2%	20.8%	4.2%	0.0%	0.0%	0.0%	100%	24
ConsConst	ConsGoods	0.0%	10.5%	5.3%	15.8%	10.5%	31.6%	5.3%	10.5%	5.3%	5.3%	0.0%	0.0%	100%	19
	ConstrTechn	0.0%	16.7%	0.0%	33.3%	16.7%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	100%	6
All		2.7%	3.2%	3.4%	12.1%	16.5%	21.2%	12.4%	12.6%	6.6%	5.0%	1.9%	2.3%	100%	619

E14b (E13で「いいえ」「分からない」、E11で「はい」を選択した回答者のみ)
 本特許が今日付与された場合の、出願日における本特許・関連特許一式の妥当な最低売却価格

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	無回答	Total
ElecEng	Electr/Energy	3	1	1	14	5	14	10	5	3	3	1	0	2	62
	Audiovisual	0	2	4	6	7	6	4	3	1	0	0	0	2	35
	Telecom	3	0	2	4	3	6	1	4	0	0	0	0	1	24
	IT	3	0	2	6	3	6	3	2	0	0	0	0	0	25
	Semiconductors	4	1	1	7	6	10	3	4	1	0	2	3	2	44
Instruments	Optical	3	2	0	7	6	8	6	7	2	2	0	1	3	47
	Analysis/Measurement/ControlTech	2	3	5	8	6	8	3	3	0	0	1	1	4	44
	MedicalTechn	1	0	3	3	2	6	6	2	2	2	1	2	1	31
	NuclearTechn	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Chemistry	OrganicChem	0	0	0	12	5	10	4	3	7	5	0	3	0	49
	Polymers	0	3	1	6	6	12	5	5	2	2	1	0	0	43
	Pharmaceuticals/Cosmetics	1	0	2	2	2	6	7	3	4	2	0	0	0	29
	Biotechnology	0	0	0	3	2	5	0	1	0	1	0	0	1	13
	Agric&Foods	0	0	1	2	0	1	0	1	0	0	0	0	0	5
	PetrolChem/MaterialsChem	0	2	0	1	3	5	0	2	2	0	1	1	1	18
	SurfaceTechn	1	0	0	1	2	5	0	4	2	0	0	0	0	15
	Materials	0	1	0	3	3	7	9	1	1	2	0	1	1	29
ProcEng	ChemEngineering	1	1	2	3	4	8	3	3	0	0	1	1	1	28
	Matprocessing/Textiles/Paper	1	0	1	6	8	9	6	6	1	0	0	0	2	40
	Handl/Printing	3	1	4	4	4	4	3	0	0	0	1	1	0	25
	Agric&FoodProcess-Machines	0	0	0	2	4	1	0	0	1	0	0	0	1	9
	Environment	0	0	0	2	4	1	0	0	1	0	0	0	1	9
MechEng	MachineTools	0	1	0	0	0	4	4	0	0	0	1	0	0	12
	Motors	1	1	0	3	2	7	3	0	0	1	1	0	4	23
	ThermProcesses	0	0	3	0	0	2	0	0	0	0	0	0	0	5
	MechElements	2	0	3	3	0	9	1	3	1	1	0	0	5	28
	Transportation	0	0	1	2	4	6	3	3	2	1	0	0	0	22
ConsConst	ConsGoods	0	1	0	1	3	4	1	1	0	0	0	0	1	12
	ConstrTechn	0	1	0	0	1	1	0	0	0	0	0	0	0	3
Total		29	21	36	109	91	170	85	66	32	23	10	15	36	723

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	Total	N
ElecEng	Electr/Energy	5.0%	1.7%	1.7%	23.3%	8.3%	23.3%	16.7%	8.3%	5.0%	1.7%	0.0%	0.0%	100%	60
	Audiovisual	0.0%	6.1%	12.1%	18.2%	21.2%	18.2%	12.1%	9.1%	3.0%	0.0%	0.0%	0.0%	100%	33
	Telecom	13.0%	0.0%	8.7%	17.4%	13.0%	26.1%	4.3%	17.4%	0.0%	0.0%	0.0%	0.0%	100%	23
	IT	12.0%	0.0%	8.0%	24.0%	12.0%	24.0%	12.0%	8.0%	0.0%	0.0%	0.0%	0.0%	100%	25
	Semiconductors	9.5%	2.4%	2.4%	16.7%	14.3%	23.8%	7.1%	9.5%	2.4%	0.0%	4.8%	7.1%	100%	42
Instruments	Optical	6.8%	4.5%	0.0%	15.9%	13.6%	18.2%	13.6%	15.9%	4.5%	4.5%	0.0%	2.3%	100%	44
	Analysis/Measurement/ControlTech	5.0%	7.5%	12.5%	20.0%	15.0%	20.0%	7.5%	7.5%	0.0%	0.0%	2.5%	2.5%	100%	40
	MedicalTechn	3.3%	0.0%	10.0%	10.0%	6.7%	20.0%	20.0%	6.7%	6.7%	3.3%	6.7%	6.7%	100%	30
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	1
Chemistry	OrganicChem	0.0%	0.0%	0.0%	24.5%	10.2%	20.4%	8.2%	6.1%	14.3%	10.2%	0.0%	6.1%	100%	49
	Polymers	0.0%	7.0%	2.3%	14.0%	14.0%	27.9%	11.6%	11.6%	4.7%	4.7%	2.3%	0.0%	100%	43
	Pharmaceuticals/Cosmetics	3.4%	0.0%	6.9%	6.9%	6.9%	20.7%	24.1%	10.3%	13.8%	6.9%	0.0%	0.0%	100%	29
	Biotechnology	0.0%	0.0%	0.0%	25.0%	16.7%	41.7%	0.0%	8.3%	0.0%	8.3%	0.0%	0.0%	100%	12
	Agric&Foods	0.0%	0.0%	20.0%	40.0%	0.0%	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	PetrolChem/MaterialsChem	0.0%	11.8%	0.0%	5.9%	17.6%	29.4%	0.0%	11.8%	11.8%	0.0%	5.9%	5.9%	100%	17
	SurfaceTechn	6.7%	0.0%	0.0%	6.7%	13.3%	33.3%	0.0%	26.7%	13.3%	0.0%	0.0%	0.0%	100%	15
	Materials	0.0%	3.6%	0.0%	10.7%	10.7%	25.0%	32.1%	3.6%	3.6%	7.1%	0.0%	3.6%	100%	28
ProcEng	ChemEngineering	3.7%	3.7%	7.4%	11.1%	14.8%	29.6%	11.1%	11.1%	0.0%	0.0%	3.7%	3.7%	100%	27
	Matprocessing/Textiles/Paper	2.6%	0.0%	2.6%	15.8%	21.1%	23.7%	15.8%	15.8%	2.6%	0.0%	0.0%	0.0%	100%	38
	Handl/Printing	12.0%	4.0%	16.0%	16.0%	16.0%	16.0%	12.0%	0.0%	0.0%	0.0%	4.0%	4.0%	100%	25
	Agric&FoodProcess-Machines	-	-	-	-	-	-	-	-	-	-	-	-	0	0
	Environment	0.0%	0.0%	0.0%	25.0%	50.0%	12.5%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	100%	8
MechEng	MachineTools	0.0%	10.0%	0.0%	0.0%	0.0%	40.0%	40.0%	0.0%	0.0%	10.0%	0.0%	0.0%	100%	10
	Motors	5.3%	5.3%	0.0%	15.8%	10.5%	36.8%	15.8%	0.0%	0.0%	5.3%	5.3%	0.0%	100%	19
	ThermProcesses	0.0%	0.0%	60.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	MechElements	8.7%	0.0%	13.0%	13.0%	0.0%	39.1%	4.3%	13.0%	4.3%	4.3%	0.0%	0.0%	100%	23
	Transportation	0.0%	0.0%	4.5%	9.1%	18.2%	27.3%	13.6%	13.6%	9.1%	4.5%	0.0%	0.0%	100%	22
ConsConst	ConsGoods	0.0%	9.1%	0.0%	9.1%	27.3%	36.4%	9.1%	9.1%	0.0%	0.0%	0.0%	0.0%	100%	11
	ConstrTechn	0.0%	33.3%	0.0%	0.0%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
All		4.2%	3.1%	5.2%	15.9%	13.2%	24.7%	12.4%	9.6%	4.7%	3.3%	1.5%	2.2%	100%	687

E14c (E13で「はい」、E11で「いいえ」「分からない」を選択した回答者のみ)
出願日における本特許の妥当な最低売却価格

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	無回答	Total
ElecEng	Electr/Energy	3	4	12	8	8	11	6	3	0	0	1	1	0	57
	Audiovisual	2	3	2	5	5	8	1	0	0	0	0	0	0	26
	Telecom	3	3	3	12	11	10	4	1	1	0	0	0	4	52
	IT	2	3	8	7	2	8	6	0	1	2	1	0	2	42
	Semiconductors	3	2	3	1	2	2	3	1	0	2	1	0	0	20
Instruments	Optical	1	0	3	3	1	4	2	2	1	0	0	0	1	18
	Analysis/Measurement/ControlTech	5	5	6	17	8	6	7	1	2	1	0	0	6	64
	MedicalTechn	2	2	3	5	5	7	4	3	2	0	0	0	1	34
	NuclearTechn	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Chemistry	OrganicChem	1	2	0	2	0	6	4	1	3	0	1	0	3	23
	Polymers	0	1	0	4	1	3	0	1	2	0	0	0	2	14
	Pharmaceuticals/Cosmetics	1	0	0	1	2	1	0	3	1	0	0	1	2	12
	Biotechnology	0	0	1	4	0	2	2	3	0	0	0	0	1	13
	Agric&Foods	0	0	0	1	0	1	0	0	0	0	0	0	0	2
	PetrolChem/MaterialsChem	3	1	3	1	4	1	3	2	1	0	0	1	1	21
	SurfaceTechn	0	0	0	2	0	3	0	0	0	0	0	0	0	5
	Materials	0	0	1	4	0	6	2	2	2	2	0	0	1	20
	ChemEngineering	1	1	2	0	1	1	1	1	0	0	0	0	1	9
ProcEng	Matprocessing/Textiles/Paper	2	1	1	2	6	6	1	3	0	0	0	1	0	23
	Handl/Printing	2	4	5	3	6	7	7	2	0	0	0	0	0	36
	Agric&FoodProcess-Machines	0	0	1	0	0	0	1	0	0	0	0	0	0	2
	Environment	0	0	0	1	0	4	1	1	0	0	0	0	0	7
	MachineTools	2	0	2	5	3	1	0	1	1	0	0	0	0	15
MechEng	Motors	3	4	3	6	4	4	3	2	0	0	0	1	6	36
	ThermProcesses	0	0	3	2	1	0	2	0	0	0	0	0	0	8
	MechElements	0	6	3	5	5	3	5	5	1	0	0	1	2	36
	Transportation	5	4	9	11	6	11	1	3	1	0	0	0	2	53
ConsConst	ConsGoods	2	0	0	5	2	5	0	1	0	0	0	0	2	17
	ConstrTechn	0	0	1	0	0	0	1	0	1	0	0	0	0	3
Total		43	46	75	117	83	121	67	42	21	7	4	6	37	669

164

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	Total	N
ElecEng	Electr/Energy	5.3%	7.0%	21.1%	14.0%	14.0%	19.3%	10.5%	5.3%	0.0%	0.0%	1.8%	1.8%	100%	57
	Audiovisual	7.7%	11.5%	7.7%	19.2%	19.2%	30.8%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	26
	Telecom	6.3%	6.3%	6.3%	25.0%	22.9%	20.8%	8.3%	2.1%	2.1%	0.0%	0.0%	0.0%	100%	48
	IT	5.0%	7.5%	20.0%	17.5%	5.0%	20.0%	15.0%	0.0%	2.5%	5.0%	2.5%	0.0%	100%	40
	Semiconductors	15.0%	10.0%	15.0%	5.0%	10.0%	10.0%	15.0%	5.0%	0.0%	10.0%	5.0%	0.0%	100%	20
Instruments	Optical	5.9%	0.0%	17.6%	17.6%	5.9%	23.5%	11.8%	11.8%	5.9%	0.0%	0.0%	0.0%	100%	17
	Analysis/Measurement/ControlTech	8.6%	8.6%	10.3%	29.3%	13.8%	10.3%	12.1%	1.7%	3.4%	1.7%	0.0%	0.0%	100%	58
	MedicalTechn	6.1%	6.1%	9.1%	15.2%	15.2%	21.2%	12.1%	9.1%	6.1%	0.0%	0.0%	0.0%	100%	33
	NuclearTechn	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100%	1
Chemistry	OrganicChem	5.0%	10.0%	0.0%	10.0%	0.0%	30.0%	20.0%	5.0%	15.0%	0.0%	5.0%	0.0%	100%	20
	Polymers	0.0%	8.3%	0.0%	33.3%	8.3%	25.0%	0.0%	8.3%	16.7%	0.0%	0.0%	0.0%	100%	12
	Pharmaceuticals/Cosmetics	10.0%	0.0%	0.0%	10.0%	20.0%	10.0%	0.0%	30.0%	10.0%	0.0%	0.0%	10.0%	100%	10
	Biotechnology	0.0%	0.0%	8.3%	33.3%	0.0%	16.7%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	12
	Agric&Foods	0.0%	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	PetrolChem/MaterialsChem	15.0%	5.0%	15.0%	5.0%	20.0%	5.0%	15.0%	10.0%	5.0%	0.0%	0.0%	5.0%	100%	20
	SurfaceTechn	0.0%	0.0%	0.0%	40.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5
	Materials	0.0%	0.0%	5.3%	21.1%	0.0%	31.6%	10.5%	10.5%	10.5%	10.5%	0.0%	0.0%	100%	19
	ChemEngineering	12.5%	12.5%	25.0%	0.0%	12.5%	12.5%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	100%	8
ProcEng	Matprocessing/Textiles/Paper	8.7%	4.3%	4.3%	8.7%	26.1%	26.1%	4.3%	13.0%	0.0%	0.0%	0.0%	4.3%	100%	23
	Handl/Printing	5.6%	11.1%	13.9%	8.3%	16.7%	19.4%	19.4%	5.6%	0.0%	0.0%	0.0%	0.0%	100%	36
	Agric&FoodProcess-Machines	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	Environment	0.0%	0.0%	0.0%	14.3%	0.0%	57.1%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	100%	7
	MachineTools	13.3%	0.0%	13.3%	33.3%	20.0%	6.7%	0.0%	6.7%	6.7%	0.0%	0.0%	0.0%	100%	15
MechEng	Motors	10.0%	13.3%	10.0%	20.0%	13.3%	13.3%	10.0%	6.7%	0.0%	0.0%	0.0%	3.3%	100%	30
	ThermProcesses	0.0%	0.0%	37.5%	25.0%	12.5%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	8
	MechElements	0.0%	17.6%	8.8%	14.7%	14.7%	8.8%	14.7%	14.7%	2.9%	0.0%	0.0%	2.9%	100%	34
	Transportation	9.8%	7.8%	17.6%	21.6%	11.8%	21.6%	2.0%	5.9%	2.0%	0.0%	0.0%	0.0%	100%	51
ConsConst	ConsGoods	13.3%	0.0%	0.0%	33.3%	13.3%	33.3%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	100%	15
	ConstrTechn	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	33.3%	0.0%	33.3%	0.0%	0.0%	0.0%	100%	3
All		6.8%	7.3%	11.9%	18.5%	13.1%	19.1%	10.6%	6.6%	3.3%	1.1%	0.6%	0.9%	100%	632

E14d (E13で「いいえ」「分からない」、E11で「いいえ」「分からない」を選択した回答者のみ)
本特許が今日付与された場合の、出願日における本特許の妥当な最低売却価格

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	無回答	Total
ElecEng	Electr/Energy	8	8	11	17	13	15	8	3	2	6	0	0	14	105
	Audiovisual	9	4	5	14	12	12	7	3	1	0	0	1	6	74
	Telecom	8	4	13	22	8	20	7	1	0	1	0	0	7	91
	IT	4	8	7	13	8	12	4	1	1	1	1	0	16	76
	Semiconductors	2	1	1	9	6	13	7	4	2	5	1	0	0	51
Instruments	Optical	4	3	4	17	6	12	4	1	0	1	0	0	9	61
	Analysis/Measurement/ControlTech	7	5	11	15	9	18	11	5	3	0	1	0	8	93
	MedicalTechn	4	4	1	6	7	8	3	4	0	0	0	0	5	42
	NuclearTechn	0	0	0	1	2	2	0	0	0	0	0	0	0	5
Chemistry	OrganicChem	1	2	1	9	7	7	6	4	0	3	4	0	6	50
	Polymers	2	1	5	8	6	5	8	1	1	0	0	0	6	43
	Pharmaceuticals/Cosmetics	4	1	6	10	6	10	5	1	2	3	3	0	6	57
	Biotechnology	3	5	2	4	10	5	7	0	0	0	0	0	4	40
	Agric&Foods	0	1	0	0	0	0	0	1	0	0	0	0	2	4
	PetrolChem/MaterialsChem	1	0	3	0	3	8	0	0	1	1	0	0	3	20
	SurfaceTechn	0	1	2	3	5	5	0	3	0	0	0	0	3	22
	Materials	1	0	2	4	5	8	1	3	2	0	0	3	2	31
	ChemEngineering	0	3	2	2	2	0	2	1	0	1	0	1	1	15
ProcEng	Matprocessing/Textiles/Paper	1	3	5	9	6	5	5	0	1	0	0	0	4	39
	Handl/Printing	3	3	5	6	8	12	1	1	0	1	0	0	5	45
	Agric&FoodProcess-Machines	1	0	1	1	0	0	0	0	0	0	0	0	1	4
	Environment	0	1	0	1	4	1	1	0	0	0	0	0	0	8
	MachineTools	2	3	4	9	2	6	4	1	0	0	0	0	3	34
MechEng	Motors	8	5	7	8	14	7	4	3	3	1	0	0	7	67
	ThermProcesses	3	0	3	6	3	3	0	0	0	0	0	0	2	20
	MechElements	0	5	7	9	4	3	6	1	2	1	0	0	5	43
	Transportation	8	7	17	18	7	7	12	2	0	1	0	0	12	91
ConsConst	ConsGoods	2	1	2	8	10	1	2	2	0	0	0	0	4	32
	ConstrTechn	2	0	3	1	2	0	0	0	1	0	0	0	2	11
Total		88	79	130	230	175	205	115	46	22	26	10	5	143	1,274

297

		<=420kYE N	>420k- 1.4mYEN	>1.4m- 4.2mYEN	>4.2m- 14mYEN	>14m- 42mYEN	>42m- 140mYEN	>140m- 420mYEN	>420m- 1.4bYEN	>1.4b- 4.2bYEN	>4.2b- 14bYEN	>14b- 42bYEN	>42bYEN	Total	N
ElecEng	Electr/Energy	8.8%	8.8%	12.1%	18.7%	14.3%	16.5%	8.8%	3.3%	2.2%	6.6%	0.0%	0.0%	100%	91
	Audiovisual	13.2%	5.9%	7.4%	20.6%	17.6%	17.6%	10.3%	4.4%	1.5%	0.0%	0.0%	1.5%	100%	68
	Telecom	9.5%	4.8%	15.5%	26.2%	9.5%	23.8%	8.3%	1.2%	0.0%	1.2%	0.0%	0.0%	100%	84
	IT	6.7%	13.3%	11.7%	21.7%	13.3%	20.0%	6.7%	1.7%	1.7%	1.7%	1.7%	0.0%	100%	60
	Semiconductors	3.9%	2.0%	2.0%	17.6%	11.8%	25.5%	13.7%	7.8%	3.9%	9.8%	2.0%	0.0%	100%	51
Instruments	Optical	7.7%	5.8%	7.7%	32.7%	11.5%	23.1%	7.7%	1.9%	0.0%	1.9%	0.0%	0.0%	100%	52
	Analysis/Measurement/ControlTech	8.2%	5.9%	12.9%	17.6%	10.6%	21.2%	12.9%	5.9%	3.5%	0.0%	1.2%	0.0%	100%	85
	MedicalTechn	10.8%	10.8%	2.7%	16.2%	18.9%	21.6%	8.1%	10.8%	0.0%	0.0%	0.0%	0.0%	100%	37
	NuclearTechn	0.0%	0.0%	0.0%	20.0%	40.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5
Chemistry	OrganicChem	2.3%	4.5%	2.3%	20.5%	15.9%	15.9%	13.6%	9.1%	0.0%	6.8%	9.1%	0.0%	100%	44
	Polymers	5.4%	2.7%	13.5%	21.6%	16.2%	13.5%	21.6%	2.7%	2.7%	0.0%	0.0%	0.0%	100%	37
	Pharmaceuticals/Cosmetics	7.8%	2.0%	11.8%	19.6%	11.8%	19.6%	9.8%	2.0%	3.9%	5.9%	5.9%	0.0%	100%	51
	Biotechnology	8.3%	13.9%	5.6%	11.1%	27.8%	13.9%	19.4%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	36
	Agric&Foods	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	100%	2
	PetrolChem/MaterialsChem	5.9%	0.0%	17.6%	0.0%	17.6%	47.1%	0.0%	0.0%	5.9%	5.9%	0.0%	0.0%	100%	17
	SurfaceTechn	0.0%	5.3%	10.5%	15.8%	26.3%	26.3%	0.0%	15.8%	0.0%	0.0%	0.0%	0.0%	100%	19
	Materials	3.4%	0.0%	6.9%	13.8%	17.2%	27.6%	3.4%	10.3%	6.9%	0.0%	0.0%	10.3%	100%	29
	ChemEngineering	0.0%	21.4%	14.3%	14.3%	14.3%	0.0%	14.3%	7.1%	0.0%	7.1%	0.0%	7.1%	100%	14
ProcEng	Matprocessing/Textiles/Paper	2.9%	8.6%	14.3%	25.7%	17.1%	14.3%	14.3%	0.0%	2.9%	0.0%	0.0%	0.0%	100%	35
	Handl/Printing	7.5%	7.5%	12.5%	15.0%	20.0%	30.0%	2.5%	0.0%	2.5%	0.0%	0.0%	0.0%	100%	40
	Agric&FoodProcess-Machines	33.3%	0.0%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3
	Environment	0.0%	12.5%	0.0%	12.5%	50.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	8
	MachineTools	6.5%	9.7%	12.9%	29.0%	6.5%	19.4%	12.9%	3.2%	0.0%	0.0%	0.0%	0.0%	100%	31
MechEng	Motors	13.3%	8.3%	11.7%	13.3%	23.3%	11.7%	6.7%	5.0%	5.0%	1.7%	0.0%	0.0%	100%	60
	ThermProcesses	16.7%	0.0%	16.7%	33.3%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	18
	MechElements	0.0%	13.2%	18.4%	23.7%	10.5%	7.9%	15.8%	2.6%	5.3%	2.6%	0.0%	0.0%	100%	38
	Transportation	10.1%	8.9%	21.5%	22.8%	8.9%	8.9%	15.2%	2.5%	0.0%	1.3%	0.0%	0.0%	100%	79
ConsConst	ConsGoods	7.1%	3.6%	7.1%	28.6%	35.7%	3.6%	7.1%	7.1%	0.0%	0.0%	0.0%	0.0%	100%	28
	ConstrTechn	22.2%	0.0%	33.3%	11.1%	22.2%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	100%	9
All		7.8%	7.0%	11.5%	20.3%	15.5%	18.1%	10.2%	4.1%	1.9%	2.3%	0.9%	0.4%	100%	1131

E15 (E11で「はい」を選択した回答者のみ)
 本特許だけが付与されなかった場合の、推定売却価格からの減額見積もり

		<20%	20-40%	40-60%	60-80%	>=80%	無回答	Total
ElecEng	Electr/Energy	28	28	32	6	24	3	121
	Audiovisual	16	15	17	2	8	4	62
	Telecom	14	10	12	3	9	4	52
	IT	13	11	5	4	13	3	49
	Semiconductors	26	18	14	6	5	4	73
Instruments	Optical	14	13	24	10	10	7	78
	Analysis/Measurement/ControlTech	30	12	19	3	18	7	89
	MedicalTechn	13	12	10	5	11	3	54
	NuclearTechn	2	2	2	0	2	0	8
Chemistry	OrganicChem	21	11	18	6	26	1	83
	Polymers	9	19	23	7	11	5	74
	Pharmaceuticals/Cosmetics	8	18	11	3	5	4	49
	Biotechnology	11	4	6	3	10	2	36
	Agric&Foods	2	4	5	1	2	0	14
	PetrolChem/MaterialsChem	7	4	9	3	6	1	30
	SurfaceTechn	6	12	7	3	4	1	33
	Materials	14	17	10	1	5	5	52
ProcEng	ChemEngineering	11	10	10	5	8	2	46
	Matprocessing/Textiles/Paper	15	21	15	3	9	4	67
	Handl/Printing	12	12	12	1	8	1	46
	Agric&FoodProcess-Machines	0	0	1	0	0	2	3
	Environment	2	3	3	0	7	2	17
MechEng	MachineTools	2	4	8	1	4	3	22
	Motors	16	7	11	2	9	8	53
	ThermProcesses	4	3	7	0	0	0	14
	MechElements	19	12	11	1	2	6	51
	Transportation	11	9	12	4	8	3	47
ConsConst	ConsGoods	8	3	12	1	6	1	31
	ConstrTechn	2	2	3	0	2	0	9
Total		336	296	329	84	232	86	1,363

		<20%	20-40%	40-60%	60-80%	>=80%	Total	N
ElecEng	Electr/Energy	23.7%	23.7%	27.1%	5.1%	20.3%	100%	118
	Audiovisual	27.6%	25.9%	29.3%	3.4%	13.8%	100%	58
	Telecom	29.2%	20.8%	25.0%	6.3%	18.8%	100%	48
	IT	28.3%	23.9%	10.9%	8.7%	28.3%	100%	46
	Semiconductors	37.7%	26.1%	20.3%	8.7%	7.2%	100%	69
Instruments	Optical	19.7%	18.3%	33.8%	14.1%	14.1%	100%	71
	Analysis/Measurement/ControlTech	36.6%	14.6%	23.2%	3.7%	22.0%	100%	82
	MedicalTechn	25.5%	23.5%	19.6%	9.8%	21.6%	100%	51
	NuclearTechn	25.0%	25.0%	25.0%	0.0%	25.0%	100%	8
Chemistry	OrganicChem	25.6%	13.4%	22.0%	7.3%	31.7%	100%	82
	Polymers	13.0%	27.5%	33.3%	10.1%	15.9%	100%	69
	Pharmaceuticals/Cosmetics	17.8%	40.0%	24.4%	6.7%	11.1%	100%	45
	Biotechnology	32.4%	11.8%	17.6%	8.8%	29.4%	100%	34
	Agric&Foods	14.3%	28.6%	35.7%	7.1%	14.3%	100%	14
	PetrolChem/MaterialsChem	24.1%	13.8%	31.0%	10.3%	20.7%	100%	29
	SurfaceTechn	18.8%	37.5%	21.9%	9.4%	12.5%	100%	32
	Materials	29.8%	36.2%	21.3%	2.1%	10.6%	100%	47
ProcEng	ChemEngineering	25.0%	22.7%	22.7%	11.4%	18.2%	100%	44
	Matprocessing/Textiles/Paper	23.8%	33.3%	23.8%	4.8%	14.3%	100%	63
	Handl/Printing	26.7%	26.7%	26.7%	2.2%	17.8%	100%	45
	Agric&FoodProcess-Machines	0.0%	0.0%	100.0%	0.0%	0.0%	100%	1
	Environment	13.3%	20.0%	20.0%	0.0%	46.7%	100%	15
MechEng	MachineTools	10.5%	21.1%	42.1%	5.3%	21.1%	100%	19
	Motors	35.6%	15.6%	24.4%	4.4%	20.0%	100%	45
	ThermProcesses	28.6%	21.4%	50.0%	0.0%	0.0%	100%	14
	MechElements	42.2%	26.7%	24.4%	2.2%	4.4%	100%	45
	Transportation	25.0%	20.5%	27.3%	9.1%	18.2%	100%	44
ConsConst	ConsGoods	26.7%	10.0%	40.0%	3.3%	20.0%	100%	30
	ConstrTechn	22.2%	22.2%	33.3%	0.0%	22.2%	100%	9
All		26.3%	23.2%	25.8%	6.6%	18.2%	100%	1277

E15 (E11で「はい」を選択した回答者のみ)
 本特許だけが付与されなかった場合の、推定売却価格からの減額見積もり

基本統計量

		min	p25	median	p75	max	mean	sd	N
ElecEng	Electr/Energy	0	20	45	60	100	42.9	28.8	118
	Audiovisual	0	10	30	50	100	36.0	27.6	58
	Telecom	0	10	40	57.5	100	41.1	31.5	48
	IT	0	10	30	80	100	44.8	35.1	46
	Semiconductors	0.005	10	30	50	90	31.4	24.9	69
Instruments	Optical	0	20	50	60	100	44.1	26.6	71
	Analysis/Measurement/ControlTech	0	10	32.5	60	100	39.9	33.2	82
	MedicalTechn	0	15	40	75	100	42.9	31.1	51
	NuclearTechn	5	15	35	65	90	40.6	32.1	8
Chemistry	OrganicChem	0	15	50	80	100	49.4	34.1	82
	Polymers	0	30	50	60	100	44.9	25.5	69
	Pharmaceuticals/Cosmetics	0	20	30	50	100	38.1	26.1	45
	Biotechnology	1	10	50	80	100	46.0	33.6	34
	Agric&Foods	5	20	50	50	100	43.9	27.6	14
	PetrolChem/MaterialsChem	3	20	50	70	100	46.5	29.7	29
	SurfaceTechn	5	20	30	50	90	38.1	24.9	32
	Materials	2	10	25	50	100	32.9	26.6	47
ProcEng	ChemEngineering	0	15	40	70	100	41.7	31.0	44
	Matprocessing/Textiles/Paper	0	20	30	50	100	36.9	27.9	63
	Handl/Printing	0	10	30	50	100	39.4	29.8	45
	Agric&FoodProcess-Machines	50	50	50	50	50	50.0		1
	Environment	0	20	50	90	100	57.0	36.8	15
MechEng	MachineTools	0	30	50	70	100	49.5	28.6	19
	Motors	0	10	30	50	100	39.9	32.0	45
	ThermProcesses	0	15	35	50	50	31.2	19.6	14
	MechElements	0	10	30	50	100	28.0	23.4	45
	Transportation	0	15	40	70	100	41.9	30.7	44
ConsConst	ConsGoods	0	10	50	50	100	44.0	30.9	30
	ConstrTechn	10	25	50	50	100	46.7	32.9	9
All		0	10	40	50	100	40.9	29.7	1,277

		top10%	10-25%	25-50%	bottom50	無回答	Total
ElecEng	Electr/Energy	43	42	87	98	13	283
	Audiovisual	14	22	50	71	5	162
	Telecom	16	28	49	93	9	195
	IT	18	16	43	76	14	167
	Semiconductors	15	40	33	56	0	144
Instruments	Optical	12	38	41	54	12	157
	Analysis/Measurement/ControlTech	26	37	58	109	16	246
	MedicalTechn	20	27	32	45	6	130
	NuclearTechn	4	3	3	4	0	14
Chemistry	OrganicChem	27	33	43	50	3	156
	Polymers	15	29	47	33	7	131
	Pharmaceuticals/Cosmetics	24	23	24	43	4	118
	Biotechnology	12	18	19	36	4	89
	Agric&Foods	5	2	5	6	2	20
	PetrolChem/MaterialsChem	8	17	18	24	4	71
	SurfaceTechn	7	15	17	18	3	60
	Materials	19	20	34	24	6	103
ProcEng	ChemEngineering	14	18	11	25	2	70
	Matprocessing/Textiles/Paper	20	30	34	42	3	129
	Handl/Printing	18	21	33	53	2	127
	Agric&FoodProcess-Machines	3	1	1	3	1	9
	Environment	6	8	8	9	1	32
MechEng	MachineTools	10	10	19	28	4	71
	Motors	12	18	39	78	9	156
	ThermProcesses	3	6	8	24	1	42
	MechElements	11	25	32	56	6	130
	Transportation	11	25	57	89	9	191
ConsConst	ConsGoods	9	15	22	29	5	80
	ConstrTechn	3	4	4	11	1	23
Total		405	591	871	1,287	152	3,306

		top10%	10-25%	25-50%	bottom50	Total	N
ElecEng	Electr/Energy	15.9%	15.6%	32.2%	36.3%	100%	270
	Audiovisual	8.9%	14.0%	31.8%	45.2%	100%	157
	Telecom	8.6%	15.1%	26.3%	50.0%	100%	186
	IT	11.8%	10.5%	28.1%	49.7%	100%	153
	Semiconductors	10.4%	27.8%	22.9%	38.9%	100%	144
Instruments	Optical	8.3%	26.2%	28.3%	37.2%	100%	145
	Analysis/Measurement/ControlTech	11.3%	16.1%	25.2%	47.4%	100%	230
	MedicalTechn	16.1%	21.8%	25.8%	36.3%	100%	124
	NuclearTechn	28.6%	21.4%	21.4%	28.6%	100%	14
Chemistry	OrganicChem	17.6%	21.6%	28.1%	32.7%	100%	153
	Polymers	12.1%	23.4%	37.9%	26.6%	100%	124
	Pharmaceuticals/Cosmetics	21.1%	20.2%	21.1%	37.7%	100%	114
	Biotechnology	14.1%	21.2%	22.4%	42.4%	100%	85
	Agric&Foods	27.8%	11.1%	27.8%	33.3%	100%	18
	PetrolChem/MaterialsChem	11.9%	25.4%	26.9%	35.8%	100%	67
	SurfaceTechn	12.3%	26.3%	29.8%	31.6%	100%	57
	Materials	19.6%	20.6%	35.1%	24.7%	100%	97
ProcEng	ChemEngineering	20.6%	26.5%	16.2%	36.8%	100%	68
	Matprocessing/Textiles/Paper	15.9%	23.8%	27.0%	33.3%	100%	126
	Handl/Printing	14.4%	16.8%	26.4%	42.4%	100%	125
	Agric&FoodProcess-Machines	37.5%	12.5%	12.5%	37.5%	100%	8
	Environment	19.4%	25.8%	25.8%	29.0%	100%	31
MechEng	MachineTools	14.9%	14.9%	28.4%	41.8%	100%	67
	Motors	8.2%	12.2%	26.5%	53.1%	100%	147
	ThermProcesses	7.3%	14.6%	19.5%	58.5%	100%	41
	MechElements	8.9%	20.2%	25.8%	45.2%	100%	124
	Transportation	6.0%	13.7%	31.3%	48.9%	100%	182
ConsConst	ConsGoods	12.0%	20.0%	29.3%	38.7%	100%	75
	ConstrTechn	13.6%	18.2%	18.2%	50.0%	100%	22
All		12.8%	18.7%	27.6%	40.8%	100%	3154

		極めて高い 平均的 非常に低い					分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	34	73	122	22	8	22	2	283
	Audiovisual	14	30	82	20	4	11	1	162
	Telecom	20	38	104	15	4	13	1	195
	IT	19	32	84	11	8	11	2	167
	Semiconductors	20	33	69	12	4	5	1	144
Instruments	Optical	16	48	65	13	2	9	4	157
	Analysis/Measurement/ControlTech	22	48	125	18	7	20	6	246
	MedicalTechn	18	30	59	10	3	10	0	130
	NuclearTechn	4	5	3	0	1	1	0	14
Chemistry	OrganicChem	30	49	59	8	2	6	2	156
	Polymers	18	38	55	11	0	4	5	131
	Pharmaceuticals/Cosmetics	19	33	48	10	2	6	0	118
	Biotechnology	18	22	36	6	1	5	1	89
	Agric&Foods	4	5	8	2	0	0	1	20
	PetrolChem/MaterialsChem	12	23	24	8	0	3	1	71
	SurfaceTechn	13	15	24	3	1	4	0	60
	Materials	16	33	37	8	3	5	1	103
ProcEng	ChemEngineering	9	22	30	4	0	5	0	70
	Matprocessing/Textiles/Paper	20	25	63	12	3	5	1	129
	Handl/Printing	14	22	63	9	9	7	3	127
	Agric&FoodProcess-Machines	4	2	1	1	1	0	0	9
	Environment	3	10	11	6	0	1	1	32
MechEng	MachineTools	7	17	31	9	0	7	0	71
	Motors	13	31	70	14	10	17	1	156
	ThermProcesses	3	8	19	3	3	5	1	42
	MechElements	10	21	70	14	5	9	1	130
	Transportation	6	32	99	18	8	23	5	191
ConsConst	ConsGoods	7	16	45	7	0	5	0	80
	ConstrTechn	3	1	11	3	2	3	0	23
Total		396	762	1,517	277	91	222	41	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	13.1%	28.2%	47.1%	8.5%	3.1%	100%	259
	Audiovisual	9.3%	20.0%	54.7%	13.3%	2.7%	100%	150
	Telecom	11.0%	21.0%	57.5%	8.3%	2.2%	100%	181
	IT	12.3%	20.8%	54.5%	7.1%	5.2%	100%	154
	Semiconductors	14.5%	23.9%	50.0%	8.7%	2.9%	100%	138
Instruments	Optical	11.1%	33.3%	45.1%	9.0%	1.4%	100%	144
	Analysis/Measurement/ControlTech	10.0%	21.8%	56.8%	8.2%	3.2%	100%	220
	MedicalTechn	15.0%	25.0%	49.2%	8.3%	2.5%	100%	120
	NuclearTechn	30.8%	38.5%	23.1%	0.0%	7.7%	100%	13
Chemistry	OrganicChem	20.3%	33.1%	39.9%	5.4%	1.4%	100%	148
	Polymers	14.8%	31.1%	45.1%	9.0%	0.0%	100%	122
	Pharmaceuticals/Cosmetics	17.0%	29.5%	42.9%	8.9%	1.8%	100%	112
	Biotechnology	21.7%	26.5%	43.4%	7.2%	1.2%	100%	83
	Agric&Foods	21.1%	26.3%	42.1%	10.5%	0.0%	100%	19
	PetrolChem/MaterialsChem	17.9%	34.3%	35.8%	11.9%	0.0%	100%	67
	SurfaceTechn	23.2%	26.8%	42.9%	5.4%	1.8%	100%	56
	Materials	16.5%	34.0%	38.1%	8.2%	3.1%	100%	97
ProcEng	ChemEngineering	13.8%	33.8%	46.2%	6.2%	0.0%	100%	65
	Matprocessing/Textiles/Paper	16.3%	20.3%	51.2%	9.8%	2.4%	100%	123
	Handl/Printing	12.0%	18.8%	53.8%	7.7%	7.7%	100%	117
	Agric&FoodProcess-Machines	44.4%	22.2%	11.1%	11.1%	11.1%	100%	9
	Environment	10.0%	33.3%	36.7%	20.0%	0.0%	100%	30
MechEng	MachineTools	10.9%	26.6%	48.4%	14.1%	0.0%	100%	64
	Motors	9.4%	22.5%	50.7%	10.1%	7.2%	100%	138
	ThermProcesses	8.3%	22.2%	52.8%	8.3%	8.3%	100%	36
	MechElements	8.3%	17.5%	58.3%	11.7%	4.2%	100%	120
	Transportation	3.7%	19.6%	60.7%	11.0%	4.9%	100%	163
ConsConst	ConsGoods	9.3%	21.3%	60.0%	9.3%	0.0%	100%	75
	ConstrTechn	15.0%	5.0%	55.0%	15.0%	10.0%	100%	20
All		13.0%	25.0%	49.9%	9.1%	3.0%	100%	3043

日本国特許庁

		<20%	20-40%	40-60%	60-80%	>=80%	分からない	Total
ElecEng	Electr/Energy	15	40	37	11	20	160	283
	Audiovisual	8	17	20	5	11	101	162
	Telecom	15	19	25	9	8	119	195
	IT	6	10	16	3	20	112	167
	Semiconductors	8	18	17	7	21	73	144
Instruments	Optical	10	11	24	6	22	84	157
	Analysis/Measurement/ControlTech	13	19	23	7	24	160	246
	MedicalTechn	10	16	14	7	10	73	130
	NuclearTechn	1	1	3	0	2	7	14
Chemistry	OrganicChem	12	16	16	7	19	86	156
	Polymers	10	17	14	5	13	72	131
	Pharmaceuticals/Cosmetics	7	7	10	4	17	73	118
	Biotechnology	6	15	10	3	6	49	89
	Agric&Foods	1	1	1	2	4	11	20
	PetrolChem/MaterialsChem	6	7	10	3	9	36	71
	SurfaceTechn	5	2	11	3	8	31	60
	Materials	3	16	12	7	7	58	103
ProcEng	ChemEngineering	4	5	8	4	11	38	70
	Matprocessing/Textiles/Paper	5	13	22	7	17	65	129
	Handl/Printing	4	12	15	4	11	81	127
	Agric&FoodProcess-Machines	0	0	0	0	2	7	9
	Environment	1	1	1	4	7	18	32
MechEng	MachineTools	6	3	5	3	7	47	71
	Motors	11	13	10	5	17	100	156
	ThermProcesses	1	2	8	4	3	24	42
	MechElements	7	12	12	5	16	78	130
	Transportation	7	21	12	7	16	128	191
ConsConst	ConsGoods	4	7	7	4	12	46	80
	ConstrTechn	1	1	4	0	6	11	23
Total		187	322	367	136	346	1,948	3,306

		<20%	20-40%	40-60%	60-80%	>=80%	Total	N
ElecEng	Electr/Energy	12.2%	32.5%	30.1%	8.9%	16.3%	100%	123
	Audiovisual	13.1%	27.9%	32.8%	8.2%	18.0%	100%	61
	Telecom	19.7%	25.0%	32.9%	11.8%	10.5%	100%	76
	IT	10.9%	18.2%	29.1%	5.5%	36.4%	100%	55
	Semiconductors	11.3%	25.4%	23.9%	9.9%	29.6%	100%	71
Instruments	Optical	13.7%	15.1%	32.9%	8.2%	30.1%	100%	73
	Analysis/Measurement/ControlTech	15.1%	22.1%	26.7%	8.1%	27.9%	100%	86
	MedicalTechn	17.5%	28.1%	24.6%	12.3%	17.5%	100%	57
	NuclearTechn	14.3%	14.3%	42.9%	0.0%	28.6%	100%	7
Chemistry	OrganicChem	17.1%	22.9%	22.9%	10.0%	27.1%	100%	70
	Polymers	16.9%	28.8%	23.7%	8.5%	22.0%	100%	59
	Pharmaceuticals/Cosmetics	15.6%	15.6%	22.2%	8.9%	37.8%	100%	45
	Biotechnology	15.0%	37.5%	25.0%	7.5%	15.0%	100%	40
	Agric&Foods	11.1%	11.1%	11.1%	22.2%	44.4%	100%	9
	PetrolChem/MaterialsChem	17.1%	20.0%	28.6%	8.6%	25.7%	100%	35
	SurfaceTechn	17.2%	6.9%	37.9%	10.3%	27.6%	100%	29
	Materials	6.7%	35.6%	26.7%	15.6%	15.6%	100%	45
ProcEng	ChemEngineering	12.5%	15.6%	25.0%	12.5%	34.4%	100%	32
	Matprocessing/Textiles/Paper	7.8%	20.3%	34.4%	10.9%	26.6%	100%	64
	Handl/Printing	8.7%	26.1%	32.6%	8.7%	23.9%	100%	46
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	100.0%	100%	2
	Environment	7.1%	7.1%	7.1%	28.6%	50.0%	100%	14
MechEng	MachineTools	25.0%	12.5%	20.8%	12.5%	29.2%	100%	24
	Motors	19.6%	23.2%	17.9%	8.9%	30.4%	100%	56
	ThermProcesses	5.6%	11.1%	44.4%	22.2%	16.7%	100%	18
	MechElements	13.5%	23.1%	23.1%	9.6%	30.8%	100%	52
	Transportation	11.1%	33.3%	19.0%	11.1%	25.4%	100%	63
ConsConst	ConsGoods	11.8%	20.6%	20.6%	11.8%	35.3%	100%	34
	ConstrTechn	8.3%	8.3%	33.3%	0.0%	50.0%	100%	12
All		13.8%	23.7%	27.0%	10.0%	25.5%	100%	1358

F2 特許出願のうち早期に特許付与を望む割合

基本統計量

日本特許庁

		min	p25	median	p75	max	mean	sd	N
ElecEng	Electr/Energy	0	25	50	60	100	45.3	26.9	123
	Audiovisual	0	25	50	60	100	46.8	27.8	61
	Telecom	0	20	50	50	100	42.1	26.8	76
	IT	0	30	50	80	100	56.6	30.8	55
	Semiconductors	0	20	50	80	100	50.8	30.2	71
Instruments	Optical	5	30	50	80	100	52.2	28.2	73
	Analysis/Measurement/ControlTech	0	25	50	80	100	50.9	30.8	86
	MedicalTechn	0	20	50	60	100	45.3	29.9	57
	NuclearTechn	10	20	50	100	100	54.3	35.1	7
Chemistry	OrganicChem	0	20	50	80	100	50.6	32.6	70
	Polymers	0	20	50	75	100	46.3	30.1	59
	Pharmaceuticals/Cosmetics	0	30	50	80	100	54.8	32.4	45
	Biotechnology	0	20	31.5	50	100	41.3	30.0	40
	Agric&Foods	10	40	70	100	100	66.1	33.9	9
	PetrolChem/MaterialsChem	5	20	50	80	100	48.7	29.9	35
	SurfaceTechn	3	40	50	80	100	53.9	30.8	29
	Materials	10	30	50	70	100	48.2	25.8	45
ProcEng	ChemEngineering	0	27.5	50	80	100	54.8	28.1	32
	Matprocessing/Textiles/Paper	0	30	50	80	100	55.2	28.2	64
	Handl/Printing	0	30	50	70	100	50.3	28.1	46
	Agric&FoodProcess-Machines	100	100	100	100	100	100.0	0.0	2
	Environment	15	60	75	100	100	71.8	28.0	14
MechEng	MachineTools	0	15	50	89.5	100	51.5	35.9	24
	Motors	0	20	50	80	100	49.5	32.8	56
	ThermProcesses	1	50	50	70	80	52.8	20.1	18
	MechElements	5	20	50	80	100	53.4	31.7	52
	Transportation	0	20	50	80	100	48.1	29.8	63
ConsConst	ConsGoods	2	30	50	80	100	55.8	30.5	34
	ConstrTechn	10	50	65	95	100	65.0	31.2	12
All		0	25	50	80	100	50.2	29.8	1,358

欧州特許庁

		<20%	20-40%	40-60%	60-80%	>=80%	分からない	Total
ElecEng	Electr/Energy	20	27	40	13	19	164	283
	Audiovisual	6	16	18	7	14	101	162
	Telecom	14	18	20	9	15	119	195
	IT	5	11	18	3	17	113	167
	Semiconductors	6	18	18	5	20	77	144
Instruments	Optical	11	14	19	7	20	86	157
	Analysis/Masurement/ControlTech	11	21	23	4	23	164	246
	MedicalTechn	11	9	13	7	15	75	130
	NuclearTechn	2	1	2	0	2	7	14
Chemistry	OrganicChem	12	15	12	6	24	87	156
	Polymers	12	11	13	8	13	74	131
	Pharmaceuticals/Cosmetics	5	8	14	4	13	74	118
	Biotechnology	9	13	8	3	7	49	89
	Agric&Foods	0	1	5	0	3	11	20
	PetrolChem/MaterialsChem	5	14	6	2	7	37	71
	SurfaceTechn	1	6	5	4	11	33	60
	Materials	3	11	15	4	11	59	103
ProcEng	ChemEngineering	3	8	7	2	11	39	70
	Matprocessing/Textiles/Paper	6	6	20	10	19	68	129
	Handl/Printing	8	15	11	3	8	82	127
	Agric&FoodProcess-Machines	0	0	0	0	2	7	9
	Environment	0	1	1	3	8	19	32
MechEng	MachineTools	6	4	3	1	9	48	71
	Motors	11	10	16	5	13	101	156
	ThermProcesses	2	3	7	2	4	24	42
	MechElements	7	13	11	4	12	83	130
	Transportation	8	19	17	2	16	129	191
ConsConst	ConsGoods	3	5	10	5	11	46	80
	ConstrTechn	0	3	3	0	5	12	23
Total		187	301	355	123	352	1,988	3,306

		<20%	20-40%	40-60%	60-80%	>=80%	Total	N
ElecEng	Electr/Energy	16.8%	22.7%	33.6%	10.9%	16.0%	100%	119
	Audiovisual	9.8%	26.2%	29.5%	11.5%	23.0%	100%	61
	Telecom	18.4%	23.7%	26.3%	11.8%	19.7%	100%	76
	IT	9.3%	20.4%	33.3%	5.6%	31.5%	100%	54
	Semiconductors	9.0%	26.9%	26.9%	7.5%	29.9%	100%	67
Instruments	Optical	15.5%	19.7%	26.8%	9.9%	28.2%	100%	71
	Analysis/Masurement/ControlTech	13.4%	25.6%	28.0%	4.9%	28.0%	100%	82
	MedicalTechn	20.0%	16.4%	23.6%	12.7%	27.3%	100%	55
	NuclearTechn	28.6%	14.3%	28.6%	0.0%	28.6%	100%	7
Chemistry	OrganicChem	17.4%	21.7%	17.4%	8.7%	34.8%	100%	69
	Polymers	21.1%	19.3%	22.8%	14.0%	22.8%	100%	57
	Pharmaceuticals/Cosmetics	11.4%	18.2%	31.8%	9.1%	29.5%	100%	44
	Biotechnology	22.5%	32.5%	20.0%	7.5%	17.5%	100%	40
	Agric&Foods	0.0%	11.1%	55.6%	0.0%	33.3%	100%	9
	PetrolChem/MaterialsChem	14.7%	41.2%	17.6%	5.9%	20.6%	100%	34
	SurfaceTechn	3.7%	22.2%	18.5%	14.8%	40.7%	100%	27
	Materials	6.8%	25.0%	34.1%	9.1%	25.0%	100%	44
ProcEng	ChemEngineering	9.7%	25.8%	22.6%	6.5%	35.5%	100%	31
	Matprocessing/Textiles/Paper	9.8%	9.8%	32.8%	16.4%	31.1%	100%	61
	Handl/Printing	17.8%	33.3%	24.4%	6.7%	17.8%	100%	45
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	100.0%	100%	2
	Environment	0.0%	7.7%	7.7%	23.1%	61.5%	100%	13
MechEng	MachineTools	26.1%	17.4%	13.0%	4.3%	39.1%	100%	23
	Motors	20.0%	18.2%	29.1%	9.1%	23.6%	100%	55
	ThermProcesses	11.1%	16.7%	38.9%	11.1%	22.2%	100%	18
	MechElements	14.9%	27.7%	23.4%	8.5%	25.5%	100%	47
	Transportation	12.9%	30.6%	27.4%	3.2%	25.8%	100%	62
ConsConst	ConsGoods	8.8%	14.7%	29.4%	14.7%	32.4%	100%	34
	ConstrTechn	0.0%	27.3%	27.3%	0.0%	45.5%	100%	11
All		14.2%	22.8%	26.9%	9.3%	26.7%	100%	1318

F2 特許出願のうち早期に特許付与を望む割合

基本統計量

欧州特許庁

		min	p25	median	p75	max	mean	sd	N
ElecEng	Electr/Energy	0	20	50	60	100	45.5	27.8	119
	Audiovisual	3	30	50	70	100	50.5	27.5	61
	Telecom	0	20	50	65	100	46.2	30.0	76
	IT	0	30	50	80	100	55.7	31.0	54
	Semiconductors	0	25	50	80	100	51.9	30.5	67
Instruments	Optical	0	30	50	80	100	50.8	30.1	71
	Analysis/Measurement/ControlTech	0	30	50	80	100	51.0	30.9	82
	MedicalTechn	0	20	50	80	100	51.1	33.2	55
	NuclearTechn	0	10	50	100	100	47.1	40.7	7
Chemistry	OrganicChem	0	20	50	80	100	53.8	33.8	69
	Polymers	0	20	50	75	100	48.4	31.9	57
	Pharmaceuticals/Cosmetics	0	30	50	80	100	53.6	29.6	44
	Biotechnology	0	20	30	55	100	40.5	31.6	40
	Agric&Foods	30	50	50	100	100	63.3	28.3	9
	PetrolChem/MaterialsChem	0	20	30	70	100	42.5	30.3	34
	SurfaceTechn	10	30	60	100	100	63.0	31.6	27
	Materials	10	30	50	75	100	52.5	26.7	44
ProcEng	ChemEngineering	5	25	50	90	100	55.2	31.3	31
	Matprocessing/Textiles/Paper	0	50	50	80	100	59.4	28.1	61
	Handl/Printing	0	20	30	50	100	43.6	30.0	45
	Agric&FoodProcess-Machines	100	100	100	100	100	100.0	0.0	2
	Environment	20	70	90	100	100	79.2	24.7	13
MechEng	MachineTools	0	10	50	100	100	52.5	39.4	23
	Motors	0	20	50	70	100	47.4	32.6	55
	ThermProcesses	1	30	50	70	100	50.1	25.6	18
	MechElements	0	20	50	80	100	49.0	31.4	47
	Transportation	0	20	50	80	100	46.9	30.0	62
ConsConst	ConsGoods	3	40	50	80	100	56.9	27.7	34
	ConstrTechn	20	30	50	100	100	63.6	31.1	11
All		0	25	50	80	100	50.8	30.7	1,318

		<=1939	1940s	1950s	1960s	1970s	1980s	無回答	Total
ElecEng	Electr/Energy	1	10	60	126	80	1	5	283
	Audiovisual	0	4	33	68	52	0	5	162
	Telecom	1	6	31	79	69	2	7	195
	IT	0	3	31	64	62	1	6	167
	Semiconductors	2	3	28	58	52	0	1	144
Instruments	Optical	1	9	22	66	50	0	9	157
	Analysis/Measurement/ControlTech	1	16	45	125	45	0	14	246
	MedicalTechn	2	7	28	54	35	3	1	130
	NuclearTechn	0	2	5	3	4	0	0	14
Chemistry	OrganicChem	0	10	39	58	44	2	3	156
	Polymers	1	3	26	53	42	0	6	131
	Pharmaceuticals/Cosmetics	2	6	25	59	20	1	5	118
	Biotechnology	1	8	16	37	23	0	4	89
	Agric&Foods	0	3	2	12	2	0	1	20
	PetrolChem/MaterialsChem	0	5	15	32	15	1	3	71
	SurfaceTechn	0	3	11	32	13	0	1	60
	Materials	0	7	21	45	25	0	5	103
ProcEng	ChemEngineering	0	4	18	24	23	0	1	70
	Matprocessing/Textiles/Paper	1	11	26	57	27	1	6	129
	Handl/Printing	0	2	30	49	41	1	4	127
	Agric&FoodProcess-Machines	0	4	3	1	1	0	0	9
	Environment	0	4	8	11	9	0	0	32
MechEng	MachineTools	1	8	13	31	16	0	2	71
	Motors	2	3	29	64	45	3	10	156
	ThermProcesses	0	0	8	17	14	1	2	42
	MechElements	0	5	25	54	41	1	4	130
	Transportation	0	2	44	83	51	1	10	191
ConsConst	ConsGoods	3	4	17	36	19	0	1	80
	ConstrTechn	1	3	3	7	7	0	2	23
Total		20	155	662	1,405	927	19	118	3,306

		<=1939	1940s	1950s	1960s	1970s	1980s	Total	N
ElecEng	Electr/Energy	0.4%	3.6%	21.6%	45.3%	28.8%	0.4%	100%	278
	Audiovisual	0.0%	2.5%	21.0%	43.3%	33.1%	0.0%	100%	157
	Telecom	0.5%	3.2%	16.5%	42.0%	36.7%	1.1%	100%	188
	IT	0.0%	1.9%	19.3%	39.8%	38.5%	0.6%	100%	161
	Semiconductors	1.4%	2.1%	19.6%	40.6%	36.4%	0.0%	100%	143
Instruments	Optical	0.7%	6.1%	14.9%	44.6%	33.8%	0.0%	100%	148
	Analysis/Measurement/ControlTech	0.4%	6.9%	19.4%	53.9%	19.4%	0.0%	100%	232
	MedicalTechn	1.6%	5.4%	21.7%	41.9%	27.1%	2.3%	100%	129
	NuclearTechn	0.0%	14.3%	35.7%	21.4%	28.6%	0.0%	100%	14
Chemistry	OrganicChem	0.0%	6.5%	25.5%	37.9%	28.8%	1.3%	100%	153
	Polymers	0.8%	2.4%	20.8%	42.4%	33.6%	0.0%	100%	125
	Pharmaceuticals/Cosmetics	1.8%	5.3%	22.1%	52.2%	17.7%	0.9%	100%	113
	Biotechnology	1.2%	9.4%	18.8%	43.5%	27.1%	0.0%	100%	85
	Agric&Foods	0.0%	15.8%	10.5%	63.2%	10.5%	0.0%	100%	19
	PetrolChem/MaterialsChem	0.0%	7.4%	22.1%	47.1%	22.1%	1.5%	100%	68
	SurfaceTechn	0.0%	5.1%	18.6%	54.2%	22.0%	0.0%	100%	59
	Materials	0.0%	7.1%	21.4%	45.9%	25.5%	0.0%	100%	98
ProcEng	ChemEngineering	0.0%	5.8%	26.1%	34.8%	33.3%	0.0%	100%	69
	Matprocessing/Textiles/Paper	0.8%	8.9%	21.1%	46.3%	22.0%	0.8%	100%	123
	Handl/Printing	0.0%	1.6%	24.4%	39.8%	33.3%	0.8%	100%	123
	Agric&FoodProcess-Machines	0.0%	44.4%	33.3%	11.1%	11.1%	0.0%	100%	9
	Environment	0.0%	12.5%	25.0%	34.4%	28.1%	0.0%	100%	32
MechEng	MachineTools	1.4%	11.6%	18.8%	44.9%	23.2%	0.0%	100%	69
	Motors	1.4%	2.1%	19.9%	43.8%	30.8%	2.1%	100%	146
	ThermProcesses	0.0%	0.0%	20.0%	42.5%	35.0%	2.5%	100%	40
	MechElements	0.0%	4.0%	19.8%	42.9%	32.5%	0.8%	100%	126
	Transportation	0.0%	1.1%	24.3%	45.9%	28.2%	0.6%	100%	181
ConsConst	ConsGoods	3.8%	5.1%	21.5%	45.6%	24.1%	0.0%	100%	79
	ConstrTechn	4.8%	14.3%	14.3%	33.3%	33.3%	0.0%	100%	21
All		0.6%	4.9%	20.8%	44.1%	29.1%	0.6%	100%	3188

		男性	女性	無回答	Total
ElecEng	Electr/Energy	278	2	3	283
	Audiovisual	158	2	2	162
	Telecom	188	5	2	195
	IT	161	6	0	167
	Semiconductors	141	3	0	144
Instruments	Optical	148	4	5	157
	Analysis/Masurement/ControlTech	233	8	5	246
	MedicalTechn	125	4	1	130
	NuclearTechn	14	0	0	14
Chemistry	OrganicChem	145	10	1	156
	Polymers	122	6	3	131
	Pharmaceuticals/Cosmetics	99	17	2	118
	Biotechnology	77	9	3	89
	Agric&Foods	19	0	1	20
	PetrolChem/MaterialsChem	68	3	0	71
	SurfaceTechn	59	1	0	60
	Materials	100	1	2	103
ProcEng	ChemEngineering	69	1	0	70
	Matprocessing/Textiles/Paper	126	2	1	129
	Handl/Printing	125	1	1	127
	Agric&FoodProcess-Machines	8	1	0	9
	Environment	32	0	0	32
MechEng	MachineTools	71	0	0	71
	Motors	154	0	2	156
	ThermProcesses	41	0	1	42
	MechElements	128	1	1	130
	Transportation	187	0	4	191
ConsConst	ConsGoods	78	2	0	80
	ConstrTechn	23	0	0	23
Total		3,177	89	40	3306

		男性	女性	Total	N
ElecEng	Electr/Energy	99.3%	0.7%	100%	280
	Audiovisual	98.8%	1.3%	100%	160
	Telecom	97.4%	2.6%	100%	193
	IT	96.4%	3.6%	100%	167
	Semiconductors	97.9%	2.1%	100%	144
Instruments	Optical	97.4%	2.6%	100%	152
	Analysis/Masurement/ControlTech	96.7%	3.3%	100%	241
	MedicalTechn	96.9%	3.1%	100%	129
	NuclearTechn	100.0%	0.0%	100%	14
Chemistry	OrganicChem	93.5%	6.5%	100%	155
	Polymers	95.3%	4.7%	100%	128
	Pharmaceuticals/Cosmetics	85.3%	14.7%	100%	116
	Biotechnology	89.5%	10.5%	100%	86
	Agric&Foods	100.0%	0.0%	100%	19
	PetrolChem/MaterialsChem	95.8%	4.2%	100%	71
	SurfaceTechn	98.3%	1.7%	100%	60
	Materials	99.0%	1.0%	100%	101
ProcEng	ChemEngineering	98.6%	1.4%	100%	70
	Matprocessing/Textiles/Paper	98.4%	1.6%	100%	128
	Handl/Printing	99.2%	0.8%	100%	126
	Agric&FoodProcess-Machines	88.9%	11.1%	100%	9
	Environment	100.0%	0.0%	100%	32
MechEng	MachineTools	100.0%	0.0%	100%	71
	Motors	100.0%	0.0%	100%	154
	ThermProcesses	100.0%	0.0%	100%	41
	MechElements	99.2%	0.8%	100%	129
	Transportation	100.0%	0.0%	100%	187
ConsConst	ConsGoods	97.5%	2.5%	100%	80
	ConstrTechn	100.0%	0.0%	100%	23
All		97.3%	2.7%	100%	3266

		一人暮らし	パート ナーと同 居・既婚	両親と同 居	同僚・友 人・ルー ムメイトと 同居	その他	無回答	Total
ElecEng	Electr/Energy	54	209	23	1	5	3	283
	Audiovisual	31	122	13	0	1	3	162
	Telecom	56	126	12	0	2	3	195
	IT	37	117	12	0	2	2	167
	Semiconductors	30	106	7	0	1	0	144
Instruments	Optical	28	112	9	0	2	7	157
	Analysis/Measurement/ControlTech	38	186	20	0	3	9	246
	MedicalTechn	29	96	8	0	1	1	130
	NuclearTechn	4	9	1	0	1	1	14
Chemistry	OrganicChem	30	112	10	1	2	2	156
	Polymers	22	97	8	0	2	4	131
	Pharmaceuticals/Cosmetics	16	96	7	0	1	2	118
	Biotechnology	15	67	4	0	2	2	89
	Agric&Foods	1	17	1	0	0	1	20
	PetrolChem/MaterialsChem	6	57	6	0	1	2	71
	SurfaceTechn	8	50	3	0	0	0	60
	Materials	14	77	6	1	5	2	103
ProcEng	ChemEngineering	13	52	4	0	2	0	70
	Matprocessing/Textiles/Paper	13	107	9	0	0	3	129
	Handl/Printing	27	92	6	0	2	3	127
	Agric&FoodProcess-Machines	1	6	1	0	1	0	9
	Environment	2	28	3	0	0	0	32
MechEng	MachineTools	9	59	5	0	0	0	71
	Motors	21	120	8	0	4	5	156
	ThermProcesses	7	32	2	0	0	1	42
	MechElements	24	95	10	1	2	2	130
	Transportation	32	144	13	0	3	5	191
ConsConst	ConsGoods	6	67	6	1	0	0	80
	ConstrTechn	3	17	2	0	0	1	23
Total		577	2,475	219	5	45	64	3306

		一人暮らし	パート ナーと同 居・既婚	両親と同 居	同僚・友 人・ルー ムメイトと 同居	その他	N
ElecEng	Electr/Energy	19.3%	74.6%	8.2%	0.4%	1.8%	280
	Audiovisual	19.5%	76.7%	8.2%	0.0%	0.6%	159
	Telecom	29.2%	65.6%	6.3%	0.0%	1.0%	192
	IT	22.4%	70.9%	7.3%	0.0%	1.2%	165
	Semiconductors	20.8%	73.6%	4.9%	0.0%	0.7%	144
Instruments	Optical	18.7%	74.7%	6.0%	0.0%	1.3%	150
	Analysis/Measurement/ControlTech	16.0%	78.5%	8.4%	0.0%	1.3%	237
	MedicalTechn	22.5%	74.4%	6.2%	0.0%	0.8%	129
	NuclearTechn	30.8%	69.2%	7.7%	0.0%	7.7%	13
Chemistry	OrganicChem	19.5%	72.7%	6.5%	0.6%	1.3%	154
	Polymers	17.3%	76.4%	6.3%	0.0%	1.6%	127
	Pharmaceuticals/Cosmetics	13.8%	82.8%	6.0%	0.0%	0.9%	116
	Biotechnology	17.2%	77.0%	4.6%	0.0%	2.3%	87
	Agric&Foods	5.3%	89.5%	5.3%	0.0%	0.0%	19
	PetrolChem/MaterialsChem	8.7%	82.6%	8.7%	0.0%	1.4%	69
	SurfaceTechn	13.3%	83.3%	5.0%	0.0%	0.0%	60
	Materials	13.9%	76.2%	5.9%	1.0%	5.0%	101
ProcEng	ChemEngineering	18.6%	74.3%	5.7%	0.0%	2.9%	70
	Matprocessing/Textiles/Paper	10.3%	84.9%	7.1%	0.0%	0.0%	126
	Handl/Printing	21.8%	74.2%	4.8%	0.0%	1.6%	124
	Agric&FoodProcess-Machines	11.1%	66.7%	11.1%	0.0%	11.1%	9
	Environment	6.3%	87.5%	9.4%	0.0%	0.0%	32
MechEng	MachineTools	12.7%	83.1%	7.0%	0.0%	0.0%	71
	Motors	13.9%	79.5%	5.3%	0.0%	2.6%	151
	ThermProcesses	17.1%	78.0%	4.9%	0.0%	0.0%	41
	MechElements	18.8%	74.2%	7.8%	0.8%	1.6%	128
	Transportation	17.2%	77.4%	7.0%	0.0%	1.6%	186
ConsConst	ConsGoods	7.5%	83.8%	7.5%	1.3%	0.0%	80
	ConstrTechn	13.6%	77.3%	9.1%	0.0%	0.0%	22
All		17.8%	76.3%	6.8%	0.2%	1.4%	3242

		0	1	2	3	4 or more than 4	無回答	Total
ElecEng	Electr/Energy	120	39	92	29	3	0	283
	Audiovisual	68	23	54	17	0	0	162
	Telecom	99	27	60	8	1	0	195
	IT	81	34	39	12	1	0	167
	Semiconductors	57	35	43	8	1	0	144
Instruments	Optical	67	36	41	11	2	0	157
	Analysis/Measurement/ControlTech	87	45	83	25	5	1	246
	MedicalTechn	54	24	39	10	3	0	130
	NuclearTechn	4	2	5	3	0	0	14
Chemistry	OrganicChem	62	25	59	10	0	0	156
	Polymers	49	31	38	13	0	0	131
	Pharmaceuticals/Cosmetics	33	23	46	13	3	0	118
	Biotechnology	35	20	29	5	0	0	89
	Agric&Foods	7	4	7	1	1	0	20
	PetrolChem/MaterialsChem	22	16	28	5	0	0	71
	SurfaceTechn	19	11	25	5	0	0	60
ProcEng	Materials	40	23	35	5	0	0	103
	ChemEngineering	29	12	23	6	0	0	70
	Matprocessing/Textiles/Paper	41	19	48	21	0	0	129
	Handl/Printing	53	15	44	15	0	0	127
	Agric&FoodProcess-Machines	1	0	6	2	0	0	9
MechEng	Environment	10	5	14	3	0	0	32
	MachineTools	22	9	28	11	1	0	71
	Motors	53	27	62	12	2	0	156
	ThermProcesses	19	6	13	3	1	0	42
	MechElements	48	23	43	14	2	0	130
ConsConst	Transportation	74	33	66	18	0	0	191
	ConsGoods	21	9	39	9	1	1	80
	ConstrTechn	11	3	5	3	1	0	23
Total		1,286	579	1,114	297	28	2	3306

		0	1	2	3	4 or more than 4	Total	N
ElecEng	Electr/Energy	42.4%	13.8%	32.5%	10.2%	1.1%	100%	283
	Audiovisual	42.0%	14.2%	33.3%	10.5%	0.0%	100%	162
	Telecom	50.8%	13.8%	30.8%	4.1%	0.5%	100%	195
	IT	48.5%	20.4%	23.4%	7.2%	0.6%	100%	167
	Semiconductors	39.6%	24.3%	29.9%	5.6%	0.7%	100%	144
Instruments	Optical	42.7%	22.9%	26.1%	7.0%	1.3%	100%	157
	Analysis/Measurement/ControlTech	35.5%	18.4%	33.9%	10.2%	2.0%	100%	245
	MedicalTechn	41.5%	18.5%	30.0%	7.7%	2.3%	100%	130
	NuclearTechn	28.6%	14.3%	35.7%	21.4%	0.0%	100%	14
Chemistry	OrganicChem	39.7%	16.0%	37.8%	6.4%	0.0%	100%	156
	Polymers	37.4%	23.7%	29.0%	9.9%	0.0%	100%	131
	Pharmaceuticals/Cosmetics	28.0%	19.5%	39.0%	11.0%	2.5%	100%	118
	Biotechnology	39.3%	22.5%	32.6%	5.6%	0.0%	100%	89
	Agric&Foods	35.0%	20.0%	35.0%	5.0%	5.0%	100%	20
	PetrolChem/MaterialsChem	31.0%	22.5%	39.4%	7.0%	0.0%	100%	71
	SurfaceTechn	31.7%	18.3%	41.7%	8.3%	0.0%	100%	60
ProcEng	Materials	38.8%	22.3%	34.0%	4.9%	0.0%	100%	103
	ChemEngineering	41.4%	17.1%	32.9%	8.6%	0.0%	100%	70
	Matprocessing/Textiles/Paper	31.8%	14.7%	37.2%	16.3%	0.0%	100%	129
	Handl/Printing	41.7%	11.8%	34.6%	11.8%	0.0%	100%	127
	Agric&FoodProcess-Machines	11.1%	0.0%	66.7%	22.2%	0.0%	100%	9
MechEng	Environment	31.3%	15.6%	43.8%	9.4%	0.0%	100%	32
	MachineTools	31.0%	12.7%	39.4%	15.5%	1.4%	100%	71
	Motors	34.0%	17.3%	39.7%	7.7%	1.3%	100%	156
	ThermProcesses	45.2%	14.3%	31.0%	7.1%	2.4%	100%	42
	MechElements	36.9%	17.7%	33.1%	10.8%	1.5%	100%	130
ConsConst	Transportation	38.7%	17.3%	34.6%	9.4%	0.0%	100%	191
	ConsGoods	26.6%	11.4%	49.4%	11.4%	1.3%	100%	79
	ConstrTechn	47.8%	13.0%	21.7%	13.0%	4.3%	100%	23
All		38.9%	17.5%	33.7%	9.0%	0.8%	100%	3304

G7 (G6で1人以上を選択した回答者のみ)
「当該発明」時点で、子供のうち12歳未満の人数

		0	1	2	3	4 or more than 4	無回答	Total
ElecEng	Electr/Energy	43	56	55	8	0	1	163
	Audiovisual	21	29	37	7	0	0	94
	Telecom	25	34	32	1	1	3	96
	IT	14	31	30	5	0	6	86
	Semiconductors	21	44	20	2	0	0	87
Instruments	Optical	25	42	17	5	0	1	90
	Analysis/Measurement/ControlTech	43	57	46	9	2	1	158
	MedicalTechn	20	23	23	5	0	5	76
	NuclearTechn	6	3	1	0	0	0	10
Chemistry	OrganicChem	24	31	36	3	0	0	94
	Polymers	21	31	23	6	0	1	82
	Pharmaceuticals/Cosmetics	19	27	30	7	0	2	85
	Biotechnology	19	19	14	0	0	2	54
	Agric&Foods	4	5	3	0	0	1	13
	PetrolChem/MaterialsChem	17	15	13	2	0	2	49
	SurfaceTechn	9	12	16	4	0	0	41
	Materials	16	24	18	3	0	2	63
ProcEng	ChemEngineering	17	11	10	3	0	0	41
	Matprocessing/Textiles/Paper	29	30	22	6	0	1	88
	Handl/Printing	16	29	22	6	0	1	74
	Agric&FoodProcess-Machines	5	1	2	0	0	0	8
	Environment	11	6	5	0	0	0	22
MechEng	MachineTools	15	10	17	5	0	2	49
	Motors	24	34	34	7	0	4	103
	ThermProcesses	7	7	7	2	0	0	23
	MechElements	22	25	29	6	0	0	82
	Transportation	31	44	33	7	0	2	117
ConsConst	ConsGoods	16	13	26	2	0	1	58
	ConstrTechn	5	3	3	1	0	0	12
Total		545	696	624	112	3	38	2018

		0	1	2	3	4 or more than 4	Total	N
ElecEng	Electr/Energy	26.5%	34.6%	34.0%	4.9%	0.0%	100%	162
	Audiovisual	22.3%	30.9%	39.4%	7.4%	0.0%	100%	94
	Telecom	26.9%	36.6%	34.4%	1.1%	1.1%	100%	93
	IT	17.5%	38.8%	37.5%	6.3%	0.0%	100%	80
	Semiconductors	24.1%	50.6%	23.0%	2.3%	0.0%	100%	87
Instruments	Optical	28.1%	47.2%	19.1%	5.6%	0.0%	100%	89
	Analysis/Measurement/ControlTech	27.4%	36.3%	29.3%	5.7%	1.3%	100%	157
	MedicalTechn	28.2%	32.4%	32.4%	7.0%	0.0%	100%	71
	NuclearTechn	60.0%	30.0%	10.0%	0.0%	0.0%	100%	10
Chemistry	OrganicChem	25.5%	33.0%	38.3%	3.2%	0.0%	100%	94
	Polymers	25.9%	38.3%	28.4%	7.4%	0.0%	100%	81
	Pharmaceuticals/Cosmetics	22.9%	32.5%	36.1%	8.4%	0.0%	100%	83
	Biotechnology	36.5%	36.5%	26.9%	0.0%	0.0%	100%	52
	Agric&Foods	33.3%	41.7%	25.0%	0.0%	0.0%	100%	12
	PetrolChem/MaterialsChem	36.2%	31.9%	27.7%	4.3%	0.0%	100%	47
	SurfaceTechn	22.0%	29.3%	39.0%	9.8%	0.0%	100%	41
	Materials	26.2%	39.3%	29.5%	4.9%	0.0%	100%	61
ProcEng	ChemEngineering	41.5%	26.8%	24.4%	7.3%	0.0%	100%	41
	Matprocessing/Textiles/Paper	33.3%	34.5%	25.3%	6.9%	0.0%	100%	87
	Handl/Printing	21.9%	39.7%	30.1%	8.2%	0.0%	100%	73
	Agric&FoodProcess-Machines	62.5%	12.5%	25.0%	0.0%	0.0%	100%	8
	Environment	50.0%	27.3%	22.7%	0.0%	0.0%	100%	22
MechEng	MachineTools	31.9%	21.3%	36.2%	10.6%	0.0%	100%	47
	Motors	24.2%	34.3%	34.3%	7.1%	0.0%	100%	99
	ThermProcesses	30.4%	30.4%	30.4%	8.7%	0.0%	100%	23
	MechElements	26.8%	30.5%	35.4%	7.3%	0.0%	100%	82
	Transportation	27.0%	38.3%	28.7%	6.1%	0.0%	100%	115
ConsConst	ConsGoods	28.1%	22.8%	45.6%	3.5%	0.0%	100%	57
	ConstrTechn	41.7%	25.0%	25.0%	8.3%	0.0%	100%	12
All		27.5%	35.2%	31.5%	5.7%	0.2%	100%	1980

G8 (G6で1人以上を選択した回答者のみ)
保育サービスの利用の有無

		はい	いいえ	無回答	Total
ElecEng	Electr/Energy	54	108	1	163
	Audiovisual	34	59	1	94
	Telecom	38	56	2	96
	IT	34	49	3	86
	Semiconductors	25	62	0	87
Instruments	Optical	30	59	1	90
	Analysis/Measurement/ControlTech	54	102	2	158
	MedicalTechn	28	46	2	76
	NuclearTechn	2	8	0	10
Chemistry	OrganicChem	27	67	0	94
	Polymers	30	51	1	82
	Pharmaceuticals/Cosmetics	38	46	1	85
	Biotechnology	22	31	1	54
	Agric&Foods	3	9	1	13
	PetrolChem/MaterialsChem	19	28	2	49
	SurfaceTechn	14	27	0	41
	Materials	28	34	1	63
ProcEng	ChemEngineering	15	26	0	41
	Matprocessing/Textiles/Paper	25	62	1	88
	Handl/Printing	33	41	0	74
	Agric&FoodProcess-Machines	2	6	0	8
	Environment	5	17	0	22
MechEng	MachineTools	21	28	0	49
	Motors	32	69	2	103
	ThermProcesses	11	12	0	23
	MechElements	33	49	0	82
	Transportation	40	75	2	117
ConsConst	ConsGoods	18	40	0	58
	ConstrTechn	5	6	1	12
Total		720	1,273	25	2018

		はい	いいえ	Total	N
ElecEng	Electr/Energy	33.3%	66.7%	100%	162
	Audiovisual	36.6%	63.4%	100%	93
	Telecom	40.4%	59.6%	100%	94
	IT	41.0%	59.0%	100%	83
	Semiconductors	28.7%	71.3%	100%	87
Instruments	Optical	33.7%	66.3%	100%	89
	Analysis/Measurement/ControlTech	34.6%	65.4%	100%	156
	MedicalTechn	37.8%	62.2%	100%	74
	NuclearTechn	20.0%	80.0%	100%	10
Chemistry	OrganicChem	28.7%	71.3%	100%	94
	Polymers	37.0%	63.0%	100%	81
	Pharmaceuticals/Cosmetics	45.2%	54.8%	100%	84
	Biotechnology	41.5%	58.5%	100%	53
	Agric&Foods	25.0%	75.0%	100%	12
	PetrolChem/MaterialsChem	40.4%	59.6%	100%	47
	SurfaceTechn	34.1%	65.9%	100%	41
	Materials	45.2%	54.8%	100%	62
ProcEng	ChemEngineering	36.6%	63.4%	100%	41
	Matprocessing/Textiles/Paper	28.7%	71.3%	100%	87
	Handl/Printing	44.6%	55.4%	100%	74
	Agric&FoodProcess-Machines	25.0%	75.0%	100%	8
	Environment	22.7%	77.3%	100%	22
MechEng	MachineTools	42.9%	57.1%	100%	49
	Motors	31.7%	68.3%	100%	101
	ThermProcesses	47.8%	52.2%	100%	23
	MechElements	40.2%	59.8%	100%	82
	Transportation	34.8%	65.2%	100%	115
ConsConst	ConsGoods	31.0%	69.0%	100%	58
	ConstrTechn	45.5%	54.5%	100%	11
All		36.1%	63.9%	100%	1993

		全然難しくない			非常に難しい		分からない	無回答	Total
		1	2	3	4	5			
ElecEng	Electr/Energy	34	42	83	74	43	6	1	283
	Audiovisual	19	24	53	37	17	9	3	162
	Telecom	15	38	57	49	22	12	2	195
	IT	17	30	55	41	10	12	2	167
	Semiconductors	18	22	49	32	16	7	0	144
Instruments	Optical	16	27	52	34	16	11	1	157
	Analysis/Measurement/ControlTech	21	44	72	62	28	14	5	246
	MedicalTechn	12	15	38	38	14	12	1	130
	NuclearTechn	0	3	2	6	3	0	0	14
Chemistry	OrganicChem	10	30	50	43	14	7	2	156
	Polymers	6	25	42	35	15	6	2	131
	Pharmaceuticals/Cosmetics	9	17	37	32	14	9	0	118
	Biotechnology	3	16	34	20	14	1	1	89
	Agric&Foods	2	5	6	5	0	1	1	20
	PetrolChem/MaterialsChem	5	20	24	14	5	1	2	71
	SurfaceTechn	4	10	19	19	7	1	0	60
ProcEng	Materials	5	20	32	21	13	10	2	103
	ChemEngineering	6	12	23	22	5	2	0	70
	Matprocessing/Textiles/Paper	16	23	38	24	22	6	0	129
	Handl/Printing	8	23	37	34	18	6	1	127
	Agric&FoodProcess-Machines	2	2	1	3	1	0	0	9
MechEng	Environment	4	10	7	6	5	0	0	32
	MachineTools	10	12	18	19	9	3	0	71
	Motors	15	31	46	33	18	12	1	156
	ThermProcesses	2	9	10	14	1	4	2	42
	MechElements	17	23	35	32	16	7	0	130
ConsConst	Transportation	15	44	46	49	19	14	4	191
	ConsGoods	11	14	19	18	10	8	0	80
	ConstrTechn	3	2	10	7	1	0	0	23
Total		305	593	995	823	376	181	33	3,306

		1	2	3	4	5	Total	N
ElecEng	Electr/Energy	12.3%	15.2%	30.1%	26.8%	15.6%	100%	276
	Audiovisual	12.7%	16.0%	35.3%	24.7%	11.3%	100%	150
	Telecom	8.3%	21.0%	31.5%	27.1%	12.2%	100%	181
	IT	11.1%	19.6%	35.9%	26.8%	6.5%	100%	153
	Semiconductors	13.1%	16.1%	35.8%	23.4%	11.7%	100%	137
Instruments	Optical	11.0%	18.6%	35.9%	23.4%	11.0%	100%	145
	Analysis/Measurement/ControlTech	9.3%	19.4%	31.7%	27.3%	12.3%	100%	227
	MedicalTechn	10.3%	12.8%	32.5%	32.5%	12.0%	100%	117
	NuclearTechn	0.0%	21.4%	14.3%	42.9%	21.4%	100%	14
Chemistry	OrganicChem	6.8%	20.4%	34.0%	29.3%	9.5%	100%	147
	Polymers	4.9%	20.3%	34.1%	28.5%	12.2%	100%	123
	Pharmaceuticals/Cosmetics	8.3%	15.6%	33.9%	29.4%	12.8%	100%	109
	Biotechnology	3.4%	18.4%	39.1%	23.0%	16.1%	100%	87
	Agric&Foods	11.1%	27.8%	33.3%	27.8%	0.0%	100%	18
	PetrolChem/MaterialsChem	7.4%	29.4%	35.3%	20.6%	7.4%	100%	68
	SurfaceTechn	6.8%	16.9%	32.2%	32.2%	11.9%	100%	59
ProcEng	Materials	5.5%	22.0%	35.2%	23.1%	14.3%	100%	91
	ChemEngineering	8.8%	17.6%	33.8%	32.4%	7.4%	100%	68
	Matprocessing/Textiles/Paper	13.0%	18.7%	30.9%	19.5%	17.9%	100%	123
	Handl/Printing	6.7%	19.2%	30.8%	28.3%	15.0%	100%	120
	Agric&FoodProcess-Machines	22.2%	22.2%	11.1%	33.3%	11.1%	100%	9
MechEng	Environment	12.5%	31.3%	21.9%	18.8%	15.6%	100%	32
	MachineTools	14.7%	17.6%	26.5%	27.9%	13.2%	100%	68
	Motors	10.5%	21.7%	32.2%	23.1%	12.6%	100%	143
	ThermProcesses	5.6%	25.0%	27.8%	38.9%	2.8%	100%	36
	MechElements	13.8%	18.7%	28.5%	26.0%	13.0%	100%	123
ConsConst	Transportation	8.7%	25.4%	26.6%	28.3%	11.0%	100%	173
	ConsGoods	15.3%	19.4%	26.4%	25.0%	13.9%	100%	72
	ConstrTechn	13.0%	8.7%	43.5%	30.4%	4.3%	100%	23
All		9.9%	19.2%	32.2%	26.6%	12.2%	100%	3,092

		min	p25	median	p75	max	mean	s.d.	無回答	N
ElecEng	Electr/Energy	0	5	10	20	60	13.03	10.83	13	270
	Audiovisual	1	5	10	20	60	14.25	10.77	4	158
	Telecom	1	8	10	20	50	14.86	10.91	13	182
	IT	1	8	10	20	48	15.41	10.59	19	148
	Semiconductors	0	5	10	20	50	13.49	10.74	2	142
Instruments	Optical	0	6	10	20	60	14.50	11.49	15	142
	Analysis/Measurement/ControlTech	0	5	10	20	70	13.46	10.68	19	227
	MedicalTechn	1	7.5	11	20	60	15.64	12.13	14	116
	NuclearTechn	5	8	10	16	20	11.43	5.33	0	14
Chemistry	OrganicChem	0	6.5	10	20	100	15.38	14.97	8	148
	Polymers	1	6	10	20	50	13.77	11.07	13	118
	Pharmaceuticals/Cosmetics	0	6	10	18	65	12.25	10.43	8	110
	Biotechnology	0	6	10	20	88	15.47	15.75	8	81
	Agric&Foods	2	3	10	20	40	13.79	10.32	1	19
	PetrolChem/MaterialsChem	1	8	10	20	60	13.61	10.06	5	66
	SurfaceTechn	0	6	10	20	70	14.84	13.75	2	58
	Materials	0	5	10	15	60	11.32	9.59	6	97
ProcEng	ChemEngineering	0	8	10	20	120	14.66	18.64	5	65
	Matprocessing/Textiles/Paper	2	8	10	20	50	14.02	10.98	8	121
	Handl/Printing	0	5	10	20	60	14.46	11.31	6	121
	Agric&FoodProcess-Machines	3	6.5	12.5	22	25	13.75	8.51	1	8
	Environment	0	8	10	16	30	11.35	7.36	1	31
MechEng	MachineTools	1	6	10	20	130	15.90	18.85	2	69
	Motors	0	6	10	20	60	13.76	11.76	13	143
	ThermProcesses	2	8	10	20	30	14.13	8.27	4	38
	MechElements	0	7	10	16	80	13.33	10.57	8	122
	Transportation	1	7	10	20	50	14.04	10.78	11	180
ConsConst	ConsGoods	0	5	10	20	48	13.62	11.09	9	71
	ConstrTechn	1	6	11	16	40	13.09	9.27	1	22
All		0	6	10	20	130	14.01	11.69	219	3087

スポーツ:運動とレクリエーション

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	38	106	33	43	23	30	10	283	
	Audiovisual	26	67	23	25	9	8	4	162	
	Telecom	24	76	21	31	18	18	7	195	
	IT	34	64	11	18	19	14	7	167	
	Semiconductors	26	55	9	21	21	10	2	144	
Instruments	Optical	14	55	25	23	19	13	8	157	
	Analysis/Measurement/ControlTech	37	82	31	40	17	23	16	246	
	MedicalTechn	19	46	18	18	10	12	7	130	
	NuclearTechn	0	5	3	0	3	3	0	14	
Chemistry	OrganicChem	22	55	14	24	16	21	4	156	
	Polymers	16	42	21	22	16	9	5	131	
	Pharmaceuticals/Cosmetics	19	59	13	7	4	11	5	118	
	Biotechnology	16	41	10	7	5	7	3	89	
	Agric&Foods	4	6	3	5	0	1	1	20	
	PetrolChem/MaterialsChem	12	19	10	12	7	9	2	71	
	SurfaceTechn	12	22	4	9	5	7	1	60	
	Materials	15	38	8	16	12	10	4	103	
ProcEng	ChemEngineering	5	29	11	13	5	6	1	70	
	Matprocessing/Textiles/Paper	22	47	21	16	11	8	4	129	
	Handl/Printing	20	48	18	21	8	8	4	127	
	Agric&FoodProcess-Machines	0	2	2	3	0	1	1	9	
	Environment	6	12	2	4	3	3	2	32	
MechEng	MachineTools	16	25	10	9	4	7	0	71	
	Motors	17	55	24	26	17	13	4	156	
	ThermProcesses	6	17	5	4	6	2	2	42	
	MechElements	14	47	14	17	23	13	2	130	
	Transportation	22	72	24	32	10	21	10	191	
ConsConst	ConsGoods	8	31	12	10	8	9	2	80	
	ConstrTechn	4	8	3	4	2	2	0	23	
Total		474	1,231	403	480	301	299	118	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	13.9%	38.8%	12.1%	15.8%	8.4%	11.0%	100%	273	
	Audiovisual	16.5%	42.4%	14.6%	15.8%	5.7%	5.1%	100%	158	
	Telecom	12.8%	40.4%	11.2%	16.5%	9.6%	9.6%	100%	188	
	IT	21.3%	40.0%	6.9%	11.3%	11.9%	8.8%	100%	160	
	Semiconductors	18.3%	38.7%	6.3%	14.8%	14.8%	7.0%	100%	142	
Instruments	Optical	9.4%	36.9%	16.8%	15.4%	12.8%	8.7%	100%	149	
	Analysis/Measurement/ControlTech	16.1%	35.7%	13.5%	17.4%	7.4%	10.0%	100%	230	
	MedicalTechn	15.4%	37.4%	14.6%	14.6%	8.1%	9.8%	100%	123	
	NuclearTechn	0.0%	35.7%	21.4%	0.0%	21.4%	21.4%	100%	14	
Chemistry	OrganicChem	14.5%	36.2%	9.2%	15.8%	10.5%	13.8%	100%	152	
	Polymers	12.7%	33.3%	16.7%	17.5%	12.7%	7.1%	100%	126	
	Pharmaceuticals/Cosmetics	16.8%	52.2%	11.5%	6.2%	3.5%	9.7%	100%	113	
	Biotechnology	18.6%	47.7%	11.6%	8.1%	5.8%	8.1%	100%	86	
	Agric&Foods	21.1%	31.6%	15.8%	26.3%	0.0%	5.3%	100%	19	
	PetrolChem/MaterialsChem	17.4%	27.5%	14.5%	17.4%	10.1%	13.0%	100%	69	
	SurfaceTechn	20.3%	37.3%	6.8%	15.3%	8.5%	11.9%	100%	59	
	Materials	15.2%	38.4%	8.1%	16.2%	12.1%	10.1%	100%	99	
ProcEng	ChemEngineering	7.2%	42.0%	15.9%	18.8%	7.2%	8.7%	100%	69	
	Matprocessing/Textiles/Paper	17.6%	37.6%	16.8%	12.8%	8.8%	6.4%	100%	125	
	Handl/Printing	16.3%	39.0%	14.6%	17.1%	6.5%	6.5%	100%	123	
	Agric&FoodProcess-Machines	0.0%	25.0%	25.0%	37.5%	0.0%	12.5%	100%	8	
	Environment	20.0%	40.0%	6.7%	13.3%	10.0%	10.0%	100%	30	
MechEng	MachineTools	22.5%	35.2%	14.1%	12.7%	5.6%	9.9%	100%	71	
	Motors	11.2%	36.2%	15.8%	17.1%	11.2%	8.6%	100%	152	
	ThermProcesses	15.0%	42.5%	12.5%	10.0%	15.0%	5.0%	100%	40	
	MechElements	10.9%	36.7%	10.9%	13.3%	18.0%	10.2%	100%	128	
	Transportation	12.2%	39.8%	13.3%	17.7%	5.5%	11.6%	100%	181	
ConsConst	ConsGoods	10.3%	39.7%	15.4%	12.8%	10.3%	11.5%	100%	78	
	ConstrTechn	17.4%	34.8%	13.0%	17.4%	8.7%	8.7%	100%	23	
All		14.9%	38.6%	12.6%	15.1%	9.4%	9.4%	100%	3188	

芸術：音楽演奏・歌唱・絵を描く等

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	158	64	12	15	6	8	20		283
	Audiovisual	88	37	11	6	8	6	6		162
	Telecom	97	53	12	9	8	4	12		195
	IT	75	36	12	16	8	6	14		167
	Semiconductors	82	27	9	15	4	3	4		144
Instruments	Optical	86	30	7	8	6	8	12		157
	Analysis/Measurement/ControlTech	126	43	24	16	6	7	24		246
	MedicalTechn	61	34	9	7	2	3	14		130
	NuclearTechn	8	2	2	0	1	0	1		14
Chemistry	OrganicChem	87	40	7	9	1	3	9		156
	Polymers	56	35	14	11	5	2	8		131
	Pharmaceuticals/Cosmetics	64	29	4	7	3	2	9		118
	Biotechnology	48	16	8	4	2	2	9		89
	Agric&Foods	13	3	2	1	0	0	1		20
	PetrolChem/MaterialsChem	42	16	4	2	2	0	5		71
	SurfaceTechn	37	11	3	5	0	0	4		60
	Materials	55	21	6	7	0	4	10		103
ProcEng	ChemEngineering	39	23	2	1	1	1	3		70
	Matprocessing/Textiles/Paper	62	28	8	11	2	8	10		129
	Handl/Printing	71	25	6	11	3	5	6		127
	Agric&FoodProcess-Machines	3	2	0	1	0	0	3		9
	Environment	14	9	1	5	0	0	3		32
MechEng	MachineTools	46	11	2	3	2	2	5		71
	Motors	71	45	13	9	4	3	11		156
	ThermProcesses	27	2	5	1	2	0	5		42
	MechElements	63	29	16	12	2	3	5		130
	Transportation	101	41	9	11	6	9	14		191
ConsConst	ConsGoods	27	27	5	4	7	2	8		80
	ConstrTechn	14	4	1	3	0	0	1		23
Total		1,721	743	214	210	91	91	236		3306

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	60.1%	24.3%	4.6%	5.7%	2.3%	3.0%	100%		263
	Audiovisual	56.4%	23.7%	7.1%	3.8%	5.1%	3.8%	100%		156
	Telecom	53.0%	29.0%	6.6%	4.9%	4.4%	2.2%	100%		183
	IT	49.0%	23.5%	7.8%	10.5%	5.2%	3.9%	100%		153
	Semiconductors	58.6%	19.3%	6.4%	10.7%	2.9%	2.1%	100%		140
Instruments	Optical	59.3%	20.7%	4.8%	5.5%	4.1%	5.5%	100%		145
	Analysis/Measurement/ControlTech	56.8%	19.4%	10.8%	7.2%	2.7%	3.2%	100%		222
	MedicalTechn	52.6%	29.3%	7.8%	6.0%	1.7%	2.6%	100%		116
	NuclearTechn	61.5%	15.4%	15.4%	0.0%	7.7%	0.0%	100%		13
Chemistry	OrganicChem	59.2%	27.2%	4.8%	6.1%	0.7%	2.0%	100%		147
	Polymers	45.5%	28.5%	11.4%	8.9%	4.1%	1.6%	100%		123
	Pharmaceuticals/Cosmetics	58.7%	26.6%	3.7%	6.4%	2.8%	1.8%	100%		109
	Biotechnology	60.0%	20.0%	10.0%	5.0%	2.5%	2.5%	100%		80
	Agric&Foods	68.4%	15.8%	10.5%	5.3%	0.0%	0.0%	100%		19
	PetrolChem/MaterialsChem	63.6%	24.2%	6.1%	3.0%	3.0%	0.0%	100%		66
	SurfaceTechn	66.1%	19.6%	5.4%	8.9%	0.0%	0.0%	100%		56
	Materials	59.1%	22.6%	6.5%	7.5%	0.0%	4.3%	100%		93
ProcEng	ChemEngineering	58.2%	34.3%	3.0%	1.5%	1.5%	1.5%	100%		67
	Matprocessing/Textiles/Paper	52.1%	23.5%	6.7%	9.2%	1.7%	6.7%	100%		119
	Handl/Printing	58.7%	20.7%	5.0%	9.1%	2.5%	4.1%	100%		121
	Agric&FoodProcess-Machines	50.0%	33.3%	0.0%	16.7%	0.0%	0.0%	100%		6
	Environment	48.3%	31.0%	3.4%	17.2%	0.0%	0.0%	100%		29
MechEng	MachineTools	69.7%	16.7%	3.0%	4.5%	3.0%	3.0%	100%		66
	Motors	49.0%	31.0%	9.0%	6.2%	2.8%	2.1%	100%		145
	ThermProcesses	73.0%	5.4%	13.5%	2.7%	5.4%	0.0%	100%		37
	MechElements	50.4%	23.2%	12.8%	9.6%	1.6%	2.4%	100%		125
	Transportation	57.1%	23.2%	5.1%	6.2%	3.4%	5.1%	100%		177
ConsConst	ConsGoods	37.5%	37.5%	6.9%	5.6%	9.7%	2.8%	100%		72
	ConstrTechn	63.6%	18.2%	4.5%	13.6%	0.0%	0.0%	100%		22
All		56.1%	24.2%	7.0%	6.8%	3.0%	3.0%	100%		3070

芸術とエンターテインメントの鑑賞：音楽鑑賞・演劇鑑賞・展覧会等

		全然しな かった	時々 頻繁に					無回答	Total
		0	1	2	3	4	5		
ElecEng	Electr/Energy	94	94	36	25	12	5	17	283
	Audiovisual	51	46	21	16	12	11	5	162
	Telecom	60	67	21	19	10	7	11	195
	IT	36	55	22	29	9	6	10	167
	Semiconductors	57	49	9	19	6	1	3	144
Instruments	Optical	40	54	23	13	8	6	13	157
	Analysis/Masurement/ControlTech	80	74	25	29	6	8	24	246
	MedicalTechn	36	43	16	15	2	6	12	130
	NuclearTechn	4	3	4	3	0	0	0	14
Chemistry	OrganicChem	47	54	16	18	5	8	8	156
	Polymers	38	45	19	15	5	2	7	131
	Pharmaceuticals/Cosmetics	42	43	14	3	6	2	8	118
	Biotechnology	27	33	9	8	4	3	5	89
	Agric&Foods	8	7	2	1	1	0	1	20
	PetrolChem/MaterialsChem	18	27	9	9	1	3	4	71
	SurfaceTechn	22	19	7	7	0	1	4	60
	Materials	30	30	13	12	4	2	12	103
ProcEng	ChemEngineering	27	25	6	7	2	0	3	70
	Matprocessing/Textiles/Paper	45	34	18	11	7	2	12	129
	Handl/Printing	39	38	14	18	3	7	8	127
	Agric&FoodProcess-Machines	0	3	0	3	0	1	2	9
	Environment	8	12	3	4	2	0	3	32
MechEng	MachineTools	34	15	10	5	2	2	3	71
	Motors	54	45	23	17	2	6	9	156
	ThermProcesses	16	12	4	3	3	0	4	42
	MechElements	30	49	24	12	5	6	4	130
	Transportation	59	71	17	18	8	5	13	191
ConsConst	ConsGoods	18	34	11	6	0	4	7	80
	ConstrTechn	10	8	1	2	1	0	1	23
Total		1030	1,089	397	347	126	104	213	3306

		全然しな かった	時々 頻繁に					Total	N
		0	1	2	3	4	5		
ElecEng	Electr/Energy	35.3%	35.3%	13.5%	9.4%	4.5%	1.9%	100%	266
	Audiovisual	32.5%	29.3%	13.4%	10.2%	7.6%	7.0%	100%	157
	Telecom	32.6%	36.4%	11.4%	10.3%	5.4%	3.8%	100%	184
	IT	22.9%	35.0%	14.0%	18.5%	5.7%	3.8%	100%	157
	Semiconductors	40.4%	34.8%	6.4%	13.5%	4.3%	0.7%	100%	141
Instruments	Optical	27.8%	37.5%	16.0%	9.0%	5.6%	4.2%	100%	144
	Analysis/Masurement/ControlTech	36.0%	33.3%	11.3%	13.1%	2.7%	3.6%	100%	222
	MedicalTechn	30.5%	36.4%	13.6%	12.7%	1.7%	5.1%	100%	118
	NuclearTechn	28.6%	21.4%	28.6%	21.4%	0.0%	0.0%	100%	14
Chemistry	OrganicChem	31.8%	36.5%	10.8%	12.2%	3.4%	5.4%	100%	148
	Polymers	30.6%	36.3%	15.3%	12.1%	4.0%	1.6%	100%	124
	Pharmaceuticals/Cosmetics	38.2%	39.1%	12.7%	2.7%	5.5%	1.8%	100%	110
	Biotechnology	32.1%	39.3%	10.7%	9.5%	4.8%	3.6%	100%	84
	Agric&Foods	42.1%	36.8%	10.5%	5.3%	5.3%	0.0%	100%	19
	PetrolChem/MaterialsChem	26.9%	40.3%	13.4%	13.4%	1.5%	4.5%	100%	67
	SurfaceTechn	39.3%	33.9%	12.5%	12.5%	0.0%	1.8%	100%	56
	Materials	33.0%	33.0%	14.3%	13.2%	4.4%	2.2%	100%	91
ProcEng	ChemEngineering	40.3%	37.3%	9.0%	10.4%	3.0%	0.0%	100%	67
	Matprocessing/Textiles/Paper	38.5%	29.1%	15.4%	9.4%	6.0%	1.7%	100%	117
	Handl/Printing	32.8%	31.9%	11.8%	15.1%	2.5%	5.9%	100%	119
	Agric&FoodProcess-Machines	0.0%	42.9%	0.0%	42.9%	0.0%	14.3%	100%	7
	Environment	27.6%	41.4%	10.3%	13.8%	6.9%	0.0%	100%	29
MechEng	MachineTools	50.0%	22.1%	14.7%	7.4%	2.9%	2.9%	100%	68
	Motors	36.7%	30.6%	15.6%	11.6%	1.4%	4.1%	100%	147
	ThermProcesses	42.1%	31.6%	10.5%	7.9%	7.9%	0.0%	100%	38
	MechElements	23.8%	38.9%	19.0%	9.5%	4.0%	4.8%	100%	126
	Transportation	33.1%	39.9%	9.6%	10.1%	4.5%	2.8%	100%	178
ConsConst	ConsGoods	24.7%	46.6%	15.1%	8.2%	0.0%	5.5%	100%	73
	ConstrTechn	45.5%	36.4%	4.5%	9.1%	4.5%	0.0%	100%	22
All		33.3%	35.2%	12.8%	11.2%	4.1%	3.4%	100%	3093

レジャー・スポーツ・文化のための旅行

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	66	94	44	40	15	6	18	283	
	Audiovisual	41	55	23	24	8	2	9	162	
	Telecom	46	70	22	26	17	5	9	195	
	IT	41	56	21	22	12	6	9	167	
	Semiconductors	31	56	23	28	2	2	2	144	
Instruments	Optical	26	62	16	31	7	4	11	157	
	Analysis/Measurement/ControlTech	51	94	36	29	9	7	20	246	
	MedicalTechn	20	45	18	23	7	3	14	130	
	NuclearTechn	2	4	1	5	1	1	0	14	
Chemistry	OrganicChem	44	54	18	21	10	3	6	156	
	Polymers	24	51	16	21	10	1	8	131	
	Pharmaceuticals/Cosmetics	29	43	12	17	5	5	7	118	
	Biotechnology	20	29	12	10	8	2	8	89	
	Agric&Foods	4	6	3	2	2	1	2	20	
	PetrolChem/MaterialsChem	12	26	12	12	6	2	1	71	
	SurfaceTechn	17	24	5	8	1	3	2	60	
	Materials	17	43	14	12	8	0	9	103	
ProcEng	ChemEngineering	12	31	12	9	2	2	2	70	
	Matprocessing/Textiles/Paper	28	43	17	22	9	1	9	129	
	Handl/Printing	22	49	29	15	3	3	6	127	
	Agric&FoodProcess-Machines	2	2	1	2	0	0	2	9	
	Environment	5	11	5	6	3	0	2	32	
MechEng	MachineTools	16	27	11	8	4	3	2	71	
	Motors	26	60	20	22	12	4	12	156	
	ThermProcesses	5	23	4	4	2	0	4	42	
	MechElements	19	50	22	26	7	4	2	130	
	Transportation	31	69	33	33	9	6	10	191	
ConsConst	ConsGoods	14	29	19	6	3	4	5	80	
	ConstrTechn	6	7	6	3	1	0	0	23	
Total		677	1,213	475	487	183	80	191	3306	

		全然しな かった	時々					頻繁に	Total	N
			0	1	2	3	4			
ElecEng	Electr/Energy	24.9%	35.5%	16.6%	15.1%	5.7%	2.3%	100%	265	
	Audiovisual	26.8%	35.9%	15.0%	15.7%	5.2%	1.3%	100%	153	
	Telecom	24.7%	37.6%	11.8%	14.0%	9.1%	2.7%	100%	186	
	IT	25.9%	35.4%	13.3%	13.9%	7.6%	3.8%	100%	158	
	Semiconductors	21.8%	39.4%	16.2%	19.7%	1.4%	1.4%	100%	142	
Instruments	Optical	17.8%	42.5%	11.0%	21.2%	4.8%	2.7%	100%	146	
	Analysis/Measurement/ControlTech	22.6%	41.6%	15.9%	12.8%	4.0%	3.1%	100%	226	
	MedicalTechn	17.2%	38.8%	15.5%	19.8%	6.0%	2.6%	100%	116	
	NuclearTechn	14.3%	28.6%	7.1%	35.7%	7.1%	7.1%	100%	14	
Chemistry	OrganicChem	29.3%	36.0%	12.0%	14.0%	6.7%	2.0%	100%	150	
	Polymers	19.5%	41.5%	13.0%	17.1%	8.1%	0.8%	100%	123	
	Pharmaceuticals/Cosmetics	26.1%	38.7%	10.8%	15.3%	4.5%	4.5%	100%	111	
	Biotechnology	24.7%	35.8%	14.8%	12.3%	9.9%	2.5%	100%	81	
	Agric&Foods	22.2%	33.3%	16.7%	11.1%	11.1%	5.6%	100%	18	
	PetrolChem/MaterialsChem	17.1%	37.1%	17.1%	17.1%	8.6%	2.9%	100%	70	
	SurfaceTechn	29.3%	41.4%	8.6%	13.8%	1.7%	5.2%	100%	58	
	Materials	18.1%	45.7%	14.9%	12.8%	8.5%	0.0%	100%	94	
ProcEng	ChemEngineering	17.6%	45.6%	17.6%	13.2%	2.9%	2.9%	100%	68	
	Matprocessing/Textiles/Paper	23.3%	35.8%	14.2%	18.3%	7.5%	0.8%	100%	120	
	Handl/Printing	18.2%	40.5%	24.0%	12.4%	2.5%	2.5%	100%	121	
	Agric&FoodProcess-Machines	28.6%	28.6%	14.3%	28.6%	0.0%	0.0%	100%	7	
	Environment	16.7%	36.7%	16.7%	20.0%	10.0%	0.0%	100%	30	
MechEng	MachineTools	23.2%	39.1%	15.9%	11.6%	5.8%	4.3%	100%	69	
	Motors	18.1%	41.7%	13.9%	15.3%	8.3%	2.8%	100%	144	
	ThermProcesses	13.2%	60.5%	10.5%	10.5%	5.3%	0.0%	100%	38	
	MechElements	14.8%	39.1%	17.2%	20.3%	5.5%	3.1%	100%	128	
	Transportation	17.1%	38.1%	18.2%	18.2%	5.0%	3.3%	100%	181	
ConsConst	ConsGoods	18.7%	38.7%	25.3%	8.0%	4.0%	5.3%	100%	75	
	ConstrTechn	26.1%	30.4%	26.1%	13.0%	4.3%	0.0%	100%	23	
All		21.7%	38.9%	15.2%	15.6%	5.9%	2.6%	100%	3115	

テレビ観賞

		全然しな かった	時々					無回答	Total
		0	1	2	3	4	5		
ElecEng	Electr/Energy	7	57	60	58	39	53	9	283
	Audiovisual	4	28	31	47	17	31	4	162
	Telecom	8	40	34	53	22	32	6	195
	IT	9	31	25	33	16	45	8	167
	Semiconductors	10	30	29	31	20	24	0	144
Instruments	Optical	8	26	21	40	21	32	9	157
	Analysis/Masurement/ControlTech	15	43	40	47	31	53	17	246
	MedicalTechn	8	21	20	25	17	28	11	130
	NuclearTechn	1	2	4	2	3	2	0	14
Chemistry	OrganicChem	5	25	34	31	19	40	2	156
	Polymers	0	25	21	30	24	27	4	131
	Pharmaceuticals/Cosmetics	4	28	17	24	11	26	8	118
	Biotechnology	4	24	14	15	11	16	5	89
	Agric&Foods	1	2	2	7	2	4	2	20
	PetrolChem/MaterialsChem	4	10	9	22	7	17	2	71
	SurfaceTechn	3	10	10	15	8	12	2	60
	Materials	2	22	19	17	16	21	6	103
ProcEng	ChemEngineering	2	14	15	13	13	11	2	70
	Matprocessing/Textiles/Paper	5	21	22	22	20	32	7	129
	Handl/Printing	1	26	21	20	23	33	3	127
	Agric&FoodProcess-Machines	1	1	0	2	1	1	3	9
	Environment	1	10	5	6	4	3	3	32
MechEng	MachineTools	3	14	13	15	7	19	0	71
	Motors	8	34	22	39	18	28	7	156
	ThermProcesses	4	6	4	10	5	10	3	42
	MechElements	3	23	30	28	19	23	4	130
	Transportation	9	28	31	47	23	42	11	191
ConsConst	ConsGoods	4	15	12	17	4	25	3	80
	ConstrTechn	0	10	3	4	1	4	1	23
Total		134	626	568	720	422	694	142	3306

		全然しな かった	時々					Total	N
		0	1	2	3	4	5		
ElecEng	Electr/Energy	2.6%	20.8%	21.9%	21.2%	14.2%	19.3%	100%	274
	Audiovisual	2.5%	17.7%	19.6%	29.7%	10.8%	19.6%	100%	158
	Telecom	4.2%	21.2%	18.0%	28.0%	11.6%	16.9%	100%	189
	IT	5.7%	19.5%	15.7%	20.8%	10.1%	28.3%	100%	159
	Semiconductors	6.9%	20.8%	20.1%	21.5%	13.9%	16.7%	100%	144
Instruments	Optical	5.4%	17.6%	14.2%	27.0%	14.2%	21.6%	100%	148
	Analysis/Masurement/ControlTech	6.6%	18.8%	17.5%	20.5%	13.5%	23.1%	100%	229
	MedicalTechn	6.7%	17.6%	16.8%	21.0%	14.3%	23.5%	100%	119
	NuclearTechn	7.1%	14.3%	28.6%	14.3%	21.4%	14.3%	100%	14
Chemistry	OrganicChem	3.2%	16.2%	22.1%	20.1%	12.3%	26.0%	100%	154
	Polymers	0.0%	19.7%	16.5%	23.6%	18.9%	21.3%	100%	127
	Pharmaceuticals/Cosmetics	3.6%	25.5%	15.5%	21.8%	10.0%	23.6%	100%	110
	Biotechnology	4.8%	28.6%	16.7%	17.9%	13.1%	19.0%	100%	84
	Agric&Foods	5.6%	11.1%	11.1%	38.9%	11.1%	22.2%	100%	18
	PetrolChem/MaterialsChem	5.8%	14.5%	13.0%	31.9%	10.1%	24.6%	100%	69
	SurfaceTechn	5.2%	17.2%	17.2%	25.9%	13.8%	20.7%	100%	58
	Materials	2.1%	22.7%	19.6%	17.5%	16.5%	21.6%	100%	97
ProcEng	ChemEngineering	2.9%	20.6%	22.1%	19.1%	19.1%	16.2%	100%	68
	Matprocessing/Textiles/Paper	4.1%	17.2%	18.0%	18.0%	16.4%	26.2%	100%	122
	Handl/Printing	0.8%	21.0%	16.9%	16.1%	18.5%	26.6%	100%	124
	Agric&FoodProcess-Machines	16.7%	16.7%	0.0%	33.3%	16.7%	16.7%	100%	6
	Environment	3.4%	34.5%	17.2%	20.7%	13.8%	10.3%	100%	29
MechEng	MachineTools	4.2%	19.7%	18.3%	21.1%	9.9%	26.8%	100%	71
	Motors	5.4%	22.8%	14.8%	26.2%	12.1%	18.8%	100%	149
	ThermProcesses	10.3%	15.4%	10.3%	25.6%	12.8%	25.6%	100%	39
	MechElements	2.4%	18.3%	23.8%	22.2%	15.1%	18.3%	100%	126
	Transportation	5.0%	15.6%	17.2%	26.1%	12.8%	23.3%	100%	180
ConsConst	ConsGoods	5.2%	19.5%	15.6%	22.1%	5.2%	32.5%	100%	77
	ConstrTechn	0.0%	45.5%	13.6%	18.2%	4.5%	18.2%	100%	22
All		4.2%	19.8%	18.0%	22.8%	13.3%	21.9%	100%	3164

読書

		全然しな かった	時々					無回答	Total
		0	1	2	3	4	5		
ElecEng	Electr/Energy	27	68	60	62	33	21	12	283
	Audiovisual	22	42	28	34	15	15	6	162
	Telecom	27	56	28	39	22	12	11	195
	IT	15	41	33	34	15	20	9	167
	Semiconductors	18	39	35	21	14	14	3	144
Instruments	Optical	16	29	22	36	29	14	11	157
	Analysis/Masurement/ControlTech	27	55	52	47	23	22	20	246
	MedicalTechn	11	32	21	26	14	15	11	130
	NuclearTechn	0	5	1	2	3	3	0	14
Chemistry	OrganicChem	10	40	31	36	18	19	2	156
	Polymers	10	34	14	32	15	19	7	131
	Pharmaceuticals/Cosmetics	7	35	18	23	10	18	7	118
	Biotechnology	9	20	14	16	11	15	4	89
	Agric&Foods	2	5	3	5	2	2	1	20
	PetrolChem/MaterialsChem	4	16	12	14	14	8	3	71
	SurfaceTechn	7	19	9	11	8	2	4	60
	Materials	13	22	14	21	10	14	9	103
ProcEng	ChemEngineering	8	16	12	16	10	6	2	70
	Matprocessing/Textiles/Paper	13	35	13	32	15	14	7	129
	Handl/Printing	13	33	19	22	14	19	7	127
	Agric&FoodProcess-Machines	1	1	1	3	1	1	1	9
	Environment	4	14	3	2	2	3	4	32
MechEng	MachineTools	8	30	10	9	7	4	3	71
	Motors	13	45	31	33	12	13	9	156
	ThermProcesses	4	10	8	10	3	4	3	42
	MechElements	12	38	26	28	12	12	2	130
	Transportation	20	70	33	23	20	14	11	191
ConsConst	ConsGoods	8	22	15	19	6	7	3	80
	ConstrTechn	3	9	3	3	3	1	1	23
Total		332	881	569	659	361	331	173	3306

		全然しな かった	時々					Total	N
		0	1	2	3	4	5		
ElecEng	Electr/Energy	10.0%	25.1%	22.1%	22.9%	12.2%	7.7%	100%	271
	Audiovisual	14.1%	26.9%	17.9%	21.8%	9.6%	9.6%	100%	156
	Telecom	14.7%	30.4%	15.2%	21.2%	12.0%	6.5%	100%	184
	IT	9.5%	25.9%	20.9%	21.5%	9.5%	12.7%	100%	158
	Semiconductors	12.8%	27.7%	24.8%	14.9%	9.9%	9.9%	100%	141
Instruments	Optical	11.0%	19.9%	15.1%	24.7%	19.9%	9.6%	100%	146
	Analysis/Masurement/ControlTech	11.9%	24.3%	23.0%	20.8%	10.2%	9.7%	100%	226
	MedicalTechn	9.2%	26.9%	17.6%	21.8%	11.8%	12.6%	100%	119
	NuclearTechn	0.0%	35.7%	7.1%	14.3%	21.4%	21.4%	100%	14
Chemistry	OrganicChem	6.5%	26.0%	20.1%	23.4%	11.7%	12.3%	100%	154
	Polymers	8.1%	27.4%	11.3%	25.8%	12.1%	15.3%	100%	124
	Pharmaceuticals/Cosmetics	6.3%	31.5%	16.2%	20.7%	9.0%	16.2%	100%	111
	Biotechnology	10.6%	23.5%	16.5%	18.8%	12.9%	17.6%	100%	85
	Agric&Foods	10.5%	26.3%	15.8%	26.3%	10.5%	10.5%	100%	19
	PetrolChem/MaterialsChem	5.9%	23.5%	17.6%	20.6%	20.6%	11.8%	100%	68
	SurfaceTechn	12.5%	33.9%	16.1%	19.6%	14.3%	3.6%	100%	56
	Materials	13.8%	23.4%	14.9%	22.3%	10.6%	14.9%	100%	94
ProcEng	ChemEngineering	11.8%	23.5%	17.6%	23.5%	14.7%	8.8%	100%	68
	Matprocessing/Textiles/Paper	10.7%	28.7%	10.7%	26.2%	12.3%	11.5%	100%	122
	Handl/Printing	10.8%	27.5%	15.8%	18.3%	11.7%	15.8%	100%	120
	Agric&FoodProcess-Machines	12.5%	12.5%	12.5%	37.5%	12.5%	12.5%	100%	8
	Environment	14.3%	50.0%	10.7%	7.1%	7.1%	10.7%	100%	28
MechEng	MachineTools	11.8%	44.1%	14.7%	13.2%	10.3%	5.9%	100%	68
	Motors	8.8%	30.6%	21.1%	22.4%	8.2%	8.8%	100%	147
	ThermProcesses	10.3%	25.6%	20.5%	25.6%	7.7%	10.3%	100%	39
	MechElements	9.4%	29.7%	20.3%	21.9%	9.4%	9.4%	100%	128
	Transportation	11.1%	38.9%	18.3%	12.8%	11.1%	7.8%	100%	180
ConsConst	ConsGoods	10.4%	28.6%	19.5%	24.7%	7.8%	9.1%	100%	77
	ConstrTechn	13.6%	40.9%	13.6%	13.6%	13.6%	4.5%	100%	22
All		10.6%	28.1%	18.2%	21.0%	11.5%	10.6%	100%	3133

人との交流及び交信

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	28	108	59	47	16	12	13	283	
	Audiovisual	22	45	32	37	11	8	7	162	
	Telecom	28	66	40	34	12	4	11	195	
	IT	16	44	35	30	14	17	11	167	
	Semiconductors	22	58	27	20	9	6	2	144	
Instruments	Optical	14	54	37	23	11	6	12	157	
	Analysis/Measurement/ControlTech	30	82	48	40	13	12	21	246	
	MedicalTechn	15	43	27	21	9	4	11	130	
	NuclearTechn	0	5	3	5	0	1	0	14	
Chemistry	OrganicChem	12	53	28	35	16	6	6	156	
	Polymers	8	53	20	30	10	5	5	131	
	Pharmaceuticals/Cosmetics	12	43	23	19	7	7	7	118	
	Biotechnology	10	30	16	17	3	8	5	89	
	Agric&Foods	1	8	4	6	0	0	1	20	
	PetrolChem/MaterialsChem	5	31	15	10	4	4	2	71	
	SurfaceTechn	10	24	11	9	2	1	3	60	
	Materials	13	37	17	20	7	2	7	103	
ProcEng	ChemEngineering	13	21	15	11	4	3	3	70	
	Matprocessing/Textiles/Paper	20	50	22	23	2	3	9	129	
	Handl/Printing	15	40	27	24	11	4	6	127	
	Agric&FoodProcess-Machines	0	3	1	1	0	1	3	9	
	Environment	1	12	6	4	6	1	2	32	
MechEng	MachineTools	7	31	11	11	5	2	4	71	
	Motors	13	53	34	26	9	11	10	156	
	ThermProcesses	6	9	13	6	4	1	3	42	
	MechElements	12	55	28	22	5	5	3	130	
	Transportation	22	72	42	23	13	7	12	191	
ConsConst	ConsGoods	7	28	13	19	3	5	5	80	
	ConstrTechn	4	9	1	5	1	1	2	23	
Total		366	1,167	655	578	207	147	186	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	10.4%	40.0%	21.9%	17.4%	5.9%	4.4%	100%	270	
	Audiovisual	14.2%	29.0%	20.6%	23.9%	7.1%	5.2%	100%	155	
	Telecom	15.2%	35.9%	21.7%	18.5%	6.5%	2.2%	100%	184	
	IT	10.3%	28.2%	22.4%	19.2%	9.0%	10.9%	100%	156	
	Semiconductors	15.5%	40.8%	19.0%	14.1%	6.3%	4.2%	100%	142	
Instruments	Optical	9.7%	37.2%	25.5%	15.9%	7.6%	4.1%	100%	145	
	Analysis/Measurement/ControlTech	13.3%	36.4%	21.3%	17.8%	5.8%	5.3%	100%	225	
	MedicalTechn	12.6%	36.1%	22.7%	17.6%	7.6%	3.4%	100%	119	
	NuclearTechn	0.0%	35.7%	21.4%	35.7%	0.0%	7.1%	100%	14	
Chemistry	OrganicChem	8.0%	35.3%	18.7%	23.3%	10.7%	4.0%	100%	150	
	Polymers	6.3%	42.1%	15.9%	23.8%	7.9%	4.0%	100%	126	
	Pharmaceuticals/Cosmetics	10.8%	38.7%	20.7%	17.1%	6.3%	6.3%	100%	111	
	Biotechnology	11.9%	35.7%	19.0%	20.2%	3.6%	9.5%	100%	84	
	Agric&Foods	5.3%	42.1%	21.1%	31.6%	0.0%	0.0%	100%	19	
	PetrolChem/MaterialsChem	7.2%	44.9%	21.7%	14.5%	5.8%	5.8%	100%	69	
	SurfaceTechn	17.5%	42.1%	19.3%	15.8%	3.5%	1.8%	100%	57	
	Materials	13.5%	38.5%	17.7%	20.8%	7.3%	2.1%	100%	96	
ProcEng	ChemEngineering	19.4%	31.3%	22.4%	16.4%	6.0%	4.5%	100%	67	
	Matprocessing/Textiles/Paper	16.7%	41.7%	18.3%	19.2%	1.7%	2.5%	100%	120	
	Handl/Printing	12.4%	33.1%	22.3%	19.8%	9.1%	3.3%	100%	121	
	Agric&FoodProcess-Machines	0.0%	50.0%	16.7%	16.7%	0.0%	16.7%	100%	6	
	Environment	3.3%	40.0%	20.0%	13.3%	20.0%	3.3%	100%	30	
MechEng	MachineTools	10.4%	46.3%	16.4%	16.4%	7.5%	3.0%	100%	67	
	Motors	8.9%	36.3%	23.3%	17.8%	6.2%	7.5%	100%	146	
	ThermProcesses	15.4%	23.1%	33.3%	15.4%	10.3%	2.6%	100%	39	
	MechElements	9.4%	43.3%	22.0%	17.3%	3.9%	3.9%	100%	127	
	Transportation	12.3%	40.2%	23.5%	12.8%	7.3%	3.9%	100%	179	
ConsConst	ConsGoods	9.3%	37.3%	17.3%	25.3%	4.0%	6.7%	100%	75	
	ConstrTechn	19.0%	42.9%	4.8%	23.8%	4.8%	4.8%	100%	21	
All		11.7%	37.4%	21.0%	18.5%	6.6%	4.7%	100%	3120	

買い物

		全然しな かった	時々					無回答	Total
		0	1	2	3	4	5		
ElecEng	Electr/Energy	20	86	71	56	27	12	11	283
	Audiovisual	8	48	34	41	20	8	3	162
	Telecom	14	57	47	40	20	12	5	195
	IT	10	43	35	36	21	11	11	167
	Semiconductors	24	51	27	19	15	6	2	144
Instruments	Optical	9	48	32	35	12	10	11	157
	Analysis/Masurement/ControlTech	24	66	53	48	25	12	18	246
	MedicalTechn	8	32	28	27	12	11	12	130
	NuclearTechn	1	2	4	4	2	1	0	14
Chemistry	OrganicChem	10	47	37	29	16	11	6	156
	Polymers	9	40	34	26	11	8	3	131
	Pharmaceuticals/Cosmetics	11	43	14	27	11	5	7	118
	Biotechnology	8	27	13	19	9	8	5	89
	Agric&Foods	1	6	2	7	1	2	1	20
	PetrolChem/MaterialsChem	2	20	17	14	6	9	3	71
	SurfaceTechn	3	23	12	15	3	2	2	60
	Materials	7	34	22	18	10	5	7	103
ProcEng	ChemEngineering	9	21	14	16	5	4	1	70
	Matprocessing/Textiles/Paper	11	24	45	25	12	5	7	129
	Handl/Printing	6	26	36	30	18	5	6	127
	Agric&FoodProcess-Machines	0	1	2	1	1	1	3	9
	Environment	3	8	12	3	2	1	3	32
MechEng	MachineTools	4	26	19	11	7	3	1	71
	Motors	7	43	34	40	16	8	8	156
	ThermProcesses	5	10	9	9	5	1	3	42
	MechElements	4	39	35	34	10	6	2	130
	Transportation	15	53	41	45	20	6	11	191
ConsConst	ConsGoods	7	23	19	18	6	4	3	80
	ConstrTechn	2	9	4	6	1	1	0	23
Total		242	956	752	699	324	178	155	3306

		全然しな かった	時々					Total	N
		0	1	2	3	4	5		
ElecEng	Electr/Energy	7.4%	31.6%	26.1%	20.6%	9.9%	4.4%	100%	272
	Audiovisual	5.0%	30.2%	21.4%	25.8%	12.6%	5.0%	100%	159
	Telecom	7.4%	30.0%	24.7%	21.1%	10.5%	6.3%	100%	190
	IT	6.4%	27.6%	22.4%	23.1%	13.5%	7.1%	100%	156
	Semiconductors	16.9%	35.9%	19.0%	13.4%	10.6%	4.2%	100%	142
Instruments	Optical	6.2%	32.9%	21.9%	24.0%	8.2%	6.8%	100%	146
	Analysis/Masurement/ControlTech	10.5%	28.9%	23.2%	21.1%	11.0%	5.3%	100%	228
	MedicalTechn	6.8%	27.1%	23.7%	22.9%	10.2%	9.3%	100%	118
	NuclearTechn	7.1%	14.3%	28.6%	28.6%	14.3%	7.1%	100%	14
Chemistry	OrganicChem	6.7%	31.3%	24.7%	19.3%	10.7%	7.3%	100%	150
	Polymers	7.0%	31.3%	26.6%	20.3%	8.6%	6.3%	100%	128
	Pharmaceuticals/Cosmetics	9.9%	38.7%	12.6%	24.3%	9.9%	4.5%	100%	111
	Biotechnology	9.5%	32.1%	15.5%	22.6%	10.7%	9.5%	100%	84
	Agric&Foods	5.3%	31.6%	10.5%	36.8%	5.3%	10.5%	100%	19
	PetrolChem/MaterialsChem	2.9%	29.4%	25.0%	20.6%	8.8%	13.2%	100%	68
	SurfaceTechn	5.2%	39.7%	20.7%	25.9%	5.2%	3.4%	100%	58
	Materials	7.3%	35.4%	22.9%	18.8%	10.4%	5.2%	100%	96
ProcEng	ChemEngineering	13.0%	30.4%	20.3%	23.2%	7.2%	5.8%	100%	69
	Matprocessing/Textiles/Paper	9.0%	19.7%	36.9%	20.5%	9.8%	4.1%	100%	122
	Handl/Printing	5.0%	21.5%	29.8%	24.8%	14.9%	4.1%	100%	121
	Agric&FoodProcess-Machines	0.0%	16.7%	33.3%	16.7%	16.7%	16.7%	100%	6
	Environment	10.3%	27.6%	41.4%	10.3%	6.9%	3.4%	100%	29
MechEng	MachineTools	5.7%	37.1%	27.1%	15.7%	10.0%	4.3%	100%	70
	Motors	4.7%	29.1%	23.0%	27.0%	10.8%	5.4%	100%	148
	ThermProcesses	12.8%	25.6%	23.1%	23.1%	12.8%	2.6%	100%	39
	MechElements	3.1%	30.5%	27.3%	26.6%	7.8%	4.7%	100%	128
	Transportation	8.3%	29.4%	22.8%	25.0%	11.1%	3.3%	100%	180
ConsConst	ConsGoods	9.1%	29.9%	24.7%	23.4%	7.8%	5.2%	100%	77
	ConstrTechn	8.7%	39.1%	17.4%	26.1%	4.3%	4.3%	100%	23
All		7.7%	30.3%	23.9%	22.2%	10.3%	5.6%	100%	3151

料理

		全然しな かった 0	時々 1	2	3	4	頻繁に 5	無回答	Total
ElecEng	Electr/Energy	139	77	20	19	8	6	14	283
	Audiovisual	74	41	16	11	4	6	10	162
	Telecom	98	50	21	11	3	1	11	195
	IT	67	50	15	11	6	7	11	167
	Semiconductors	70	39	16	9	4	2	4	144
Instruments	Optical	63	41	15	18	5	4	11	157
	Analysis/Masurement/ControlTech	107	64	23	18	12	3	19	246
	MedicalTechn	46	43	11	8	3	3	16	130
	NuclearTechn	7	3	2	1	0	1	0	14
Chemistry	OrganicChem	72	44	15	4	4	8	9	156
	Polymers	63	33	10	10	5	6	4	131
	Pharmaceuticals/Cosmetics	48	31	11	11	3	7	7	118
	Biotechnology	37	26	4	7	6	2	7	89
	Agric&Foods	12	3	1	0	2	0	2	20
	PetrolChem/MaterialsChem	35	16	10	2	3	3	2	71
	SurfaceTechn	33	13	4	6	1	0	3	60
	Materials	46	23	10	11	1	3	9	103
ProcEng	ChemEngineering	37	21	4	4	0	3	1	70
	Matprocessing/Textiles/Paper	64	33	9	8	4	3	8	129
	Handl/Printing	47	44	15	10	2	3	6	127
	Agric&FoodProcess-Machines	3	1	1	0	0	1	3	9
	Environment	12	10	2	3	1	1	3	32
MechEng	MachineTools	38	16	7	4	1	1	4	71
	Motors	64	52	11	13	3	4	9	156
	ThermProcesses	20	8	7	2	3	0	2	42
	MechElements	53	32	18	16	2	3	6	130
	Transportation	83	58	16	16	3	2	13	191
ConsConst	ConsGoods	27	28	10	5	2	2	6	80
	ConstrTechn	9	6	5	0	0	1	2	23
Total		1474	906	309	238	91	86	202	3306

		全然しな かった 0	時々 1	2	3	4	頻繁に 5	Total	N
ElecEng	Electr/Energy	51.7%	28.6%	7.4%	7.1%	3.0%	2.2%	100%	269
	Audiovisual	48.7%	27.0%	10.5%	7.2%	2.6%	3.9%	100%	152
	Telecom	53.3%	27.2%	11.4%	6.0%	1.6%	0.5%	100%	184
	IT	42.9%	32.1%	9.6%	7.1%	3.8%	4.5%	100%	156
	Semiconductors	50.0%	27.9%	11.4%	6.4%	2.9%	1.4%	100%	140
Instruments	Optical	43.2%	28.1%	10.3%	12.3%	3.4%	2.7%	100%	146
	Analysis/Masurement/ControlTech	47.1%	28.2%	10.1%	7.9%	5.3%	1.3%	100%	227
	MedicalTechn	40.4%	37.7%	9.6%	7.0%	2.6%	2.6%	100%	114
	NuclearTechn	50.0%	21.4%	14.3%	7.1%	0.0%	7.1%	100%	14
Chemistry	OrganicChem	49.0%	29.9%	10.2%	2.7%	2.7%	5.4%	100%	147
	Polymers	49.6%	26.0%	7.9%	7.9%	3.9%	4.7%	100%	127
	Pharmaceuticals/Cosmetics	43.2%	27.9%	9.9%	9.9%	2.7%	6.3%	100%	111
	Biotechnology	45.1%	31.7%	4.9%	8.5%	7.3%	2.4%	100%	82
	Agric&Foods	66.7%	16.7%	5.6%	0.0%	11.1%	0.0%	100%	18
	PetrolChem/MaterialsChem	50.7%	23.2%	14.5%	2.9%	4.3%	4.3%	100%	69
	SurfaceTechn	57.9%	22.8%	7.0%	10.5%	1.8%	0.0%	100%	57
	Materials	48.9%	24.5%	10.6%	11.7%	1.1%	3.2%	100%	94
ProcEng	ChemEngineering	53.6%	30.4%	5.8%	5.8%	0.0%	4.3%	100%	69
	Matprocessing/Textiles/Paper	52.9%	27.3%	7.4%	6.6%	3.3%	2.5%	100%	121
	Handl/Printing	38.8%	36.4%	12.4%	8.3%	1.7%	2.5%	100%	121
	Agric&FoodProcess-Machines	50.0%	16.7%	16.7%	0.0%	0.0%	16.7%	100%	6
	Environment	41.4%	34.5%	6.9%	10.3%	3.4%	3.4%	100%	29
MechEng	MachineTools	56.7%	23.9%	10.4%	6.0%	1.5%	1.5%	100%	67
	Motors	43.5%	35.4%	7.5%	8.8%	2.0%	2.7%	100%	147
	ThermProcesses	50.0%	20.0%	17.5%	5.0%	7.5%	0.0%	100%	40
	MechElements	42.7%	25.8%	14.5%	12.9%	1.6%	2.4%	100%	124
	Transportation	46.6%	32.6%	9.0%	9.0%	1.7%	1.1%	100%	178
ConsConst	ConsGoods	36.5%	37.8%	13.5%	6.8%	2.7%	2.7%	100%	74
	ConstrTechn	42.9%	28.6%	23.8%	0.0%	0.0%	4.8%	100%	21
All		47.5%	29.2%	10.0%	7.7%	2.9%	2.8%	100%	3104

家庭での日曜大工等

		全然しな かった 0	時々 1	2	3	4	頻繁に 5	無回答	Total
ElecEng	Electr/Energy	126	79	28	25	7	3	15	283
	Audiovisual	72	42	15	17	10	1	5	162
	Telecom	106	47	14	8	7	3	10	195
	IT	74	47	21	9	2	2	12	167
	Semiconductors	78	34	14	12	1	2	3	144
Instruments	Optical	71	38	19	10	7	1	11	157
	Analysis/Masurement/ControlTech	93	73	25	16	16	3	20	246
	MedicalTechn	51	36	12	11	5	2	13	130
	NuclearTechn	7	4	0	1	2	0	0	14
Chemistry	OrganicChem	80	39	11	7	9	4	6	156
	Polymers	59	40	10	8	6	1	7	131
	Pharmaceuticals/Cosmetics	64	28	7	8	2	1	8	118
	Biotechnology	40	24	8	5	5	1	6	89
	Agric&Foods	14	4	0	1	0	0	1	20
	PetrolChem/MaterialsChem	31	19	8	7	4	0	2	71
	SurfaceTechn	30	20	3	3	1	1	2	60
	Materials	43	26	7	9	6	2	10	103
ProcEng	ChemEngineering	36	16	9	2	4	0	3	70
	Matprocessing/Textiles/Paper	50	36	17	13	2	2	9	129
	Handl/Printing	51	41	13	7	8	2	5	127
	Agric&FoodProcess-Machines	3	1	1	1	0	0	3	9
	Environment	7	13	2	4	2	1	3	32
MechEng	MachineTools	31	21	6	3	3	3	4	71
	Motors	52	48	23	14	7	2	10	156
	ThermProcesses	20	8	2	5	4	0	3	42
	MechElements	47	41	15	15	6	3	3	130
	Transportation	63	53	27	21	7	6	14	191
ConsConst	ConsGoods	25	27	16	4	2	1	5	80
	ConstrTechn	12	7	2	0	1	0	1	23
Total		1436	912	335	246	136	47	194	3306

		全然しな かった 0	時々 1	2	3	4	頻繁に 5	Total	N
ElecEng	Electr/Energy	47.0%	29.5%	10.4%	9.3%	2.6%	1.1%	100%	268
	Audiovisual	45.9%	26.8%	9.6%	10.8%	6.4%	0.6%	100%	157
	Telecom	57.3%	25.4%	7.6%	4.3%	3.8%	1.6%	100%	185
	IT	47.7%	30.3%	13.5%	5.8%	1.3%	1.3%	100%	155
	Semiconductors	55.3%	24.1%	9.9%	8.5%	0.7%	1.4%	100%	141
Instruments	Optical	48.6%	26.0%	13.0%	6.8%	4.8%	0.7%	100%	146
	Analysis/Masurement/ControlTech	41.2%	32.3%	11.1%	7.1%	7.1%	1.3%	100%	226
	MedicalTechn	43.6%	30.8%	10.3%	9.4%	4.3%	1.7%	100%	117
	NuclearTechn	50.0%	28.6%	0.0%	7.1%	14.3%	0.0%	100%	14
Chemistry	OrganicChem	53.3%	26.0%	7.3%	4.7%	6.0%	2.7%	100%	150
	Polymers	47.6%	32.3%	8.1%	6.5%	4.8%	0.8%	100%	124
	Pharmaceuticals/Cosmetics	58.2%	25.5%	6.4%	7.3%	1.8%	0.9%	100%	110
	Biotechnology	48.2%	28.9%	9.6%	6.0%	6.0%	1.2%	100%	83
	Agric&Foods	73.7%	21.1%	0.0%	5.3%	0.0%	0.0%	100%	19
	PetrolChem/MaterialsChem	44.9%	27.5%	11.6%	10.1%	5.8%	0.0%	100%	69
	SurfaceTechn	51.7%	34.5%	5.2%	5.2%	1.7%	1.7%	100%	58
	Materials	46.2%	28.0%	7.5%	9.7%	6.5%	2.2%	100%	93
ProcEng	ChemEngineering	53.7%	23.9%	13.4%	3.0%	6.0%	0.0%	100%	67
	Matprocessing/Textiles/Paper	41.7%	30.0%	14.2%	10.8%	1.7%	1.7%	100%	120
	Handl/Printing	41.8%	33.6%	10.7%	5.7%	6.6%	1.6%	100%	122
	Agric&FoodProcess-Machines	50.0%	16.7%	16.7%	16.7%	0.0%	0.0%	100%	6
	Environment	24.1%	44.8%	6.9%	13.8%	6.9%	3.4%	100%	29
MechEng	MachineTools	46.3%	31.3%	9.0%	4.5%	4.5%	4.5%	100%	67
	Motors	35.6%	32.9%	15.8%	9.6%	4.8%	1.4%	100%	146
	ThermProcesses	51.3%	20.5%	5.1%	12.8%	10.3%	0.0%	100%	39
	MechElements	37.0%	32.3%	11.8%	11.8%	4.7%	2.4%	100%	127
	Transportation	35.6%	29.9%	15.3%	11.9%	4.0%	3.4%	100%	177
ConsConst	ConsGoods	33.3%	36.0%	21.3%	5.3%	2.7%	1.3%	100%	75
	ConstrTechn	54.5%	31.8%	9.1%	0.0%	4.5%	0.0%	100%	22
All		46.1%	29.3%	10.8%	7.9%	4.4%	1.5%	100%	3112

模型の組み立て

		全然しな かった	時々	頻繁に					無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	213	37	8	8	1	2	14	283	
	Audiovisual	122	20	5	6	2	1	6	162	
	Telecom	148	22	5	3	5	2	10	195	
	IT	119	21	8	4	1	1	13	167	
	Semiconductors	119	13	3	4	2	0	3	144	
Instruments	Optical	128	10	4	3	1	0	11	157	
	Analysis/Measurement/ControlTech	183	26	8	3	4	1	21	246	
	MedicalTechn	87	17	7	4	0	1	14	130	
	NuclearTechn	13	0	1	0	0	0	0	14	
Chemistry	OrganicChem	132	10	4	2	0	0	8	156	
	Polymers	108	11	2	2	1	1	6	131	
	Pharmaceuticals/Cosmetics	103	3	0	3	1	0	8	118	
	Biotechnology	74	5	1	0	1	1	7	89	
	Agric&Foods	17	1	1	0	0	0	1	20	
	PetrolChem/MaterialsChem	54	8	2	2	0	0	5	71	
	SurfaceTechn	49	5	0	1	1	0	4	60	
	Materials	79	10	1	1	2	0	10	103	
ProcEng	ChemEngineering	60	6	0	0	0	1	3	70	
	Matprocessing/Textiles/Paper	93	15	4	4	1	1	11	129	
	Handl/Printing	94	13	7	4	2	1	6	127	
	Agric&FoodProcess-Machines	5	0	0	1	0	0	3	9	
	Environment	21	7	1	0	0	0	3	32	
MechEng	MachineTools	56	8	2	1	0	0	4	71	
	Motors	110	19	6	6	3	2	10	156	
	ThermProcesses	27	5	2	3	0	0	5	42	
	MechElements	89	19	5	9	0	3	5	130	
	Transportation	130	25	9	7	1	4	15	191	
ConsConst	ConsGoods	52	16	6	2	0	0	4	80	
	ConstrTechn	20	1	0	1	0	0	1	23	
Total		2505	353	102	84	29	22	211	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	79.2%	13.8%	3.0%	3.0%	0.4%	0.7%	100%	269	
	Audiovisual	78.2%	12.8%	3.2%	3.8%	1.3%	0.6%	100%	156	
	Telecom	80.0%	11.9%	2.7%	1.6%	2.7%	1.1%	100%	185	
	IT	77.3%	13.6%	5.2%	2.6%	0.6%	0.6%	100%	154	
	Semiconductors	84.4%	9.2%	2.1%	2.8%	1.4%	0.0%	100%	141	
Instruments	Optical	87.7%	6.8%	2.7%	2.1%	0.7%	0.0%	100%	146	
	Analysis/Measurement/ControlTech	81.3%	11.6%	3.6%	1.3%	1.8%	0.4%	100%	225	
	MedicalTechn	75.0%	14.7%	6.0%	3.4%	0.0%	0.9%	100%	116	
	NuclearTechn	92.9%	0.0%	7.1%	0.0%	0.0%	0.0%	100%	14	
Chemistry	OrganicChem	89.2%	6.8%	2.7%	1.4%	0.0%	0.0%	100%	148	
	Polymers	86.4%	8.8%	1.6%	1.6%	0.8%	0.8%	100%	125	
	Pharmaceuticals/Cosmetics	93.6%	2.7%	0.0%	2.7%	0.9%	0.0%	100%	110	
	Biotechnology	90.2%	6.1%	1.2%	0.0%	1.2%	1.2%	100%	82	
	Agric&Foods	89.5%	5.3%	5.3%	0.0%	0.0%	0.0%	100%	19	
	PetrolChem/MaterialsChem	81.8%	12.1%	3.0%	3.0%	0.0%	0.0%	100%	66	
	SurfaceTechn	87.5%	8.9%	0.0%	1.8%	1.8%	0.0%	100%	56	
	Materials	84.9%	10.8%	1.1%	1.1%	2.2%	0.0%	100%	93	
ProcEng	ChemEngineering	89.6%	9.0%	0.0%	0.0%	0.0%	1.5%	100%	67	
	Matprocessing/Textiles/Paper	78.8%	12.7%	3.4%	3.4%	0.8%	0.8%	100%	118	
	Handl/Printing	77.7%	10.7%	5.8%	3.3%	1.7%	0.8%	100%	121	
	Agric&FoodProcess-Machines	83.3%	0.0%	0.0%	16.7%	0.0%	0.0%	100%	6	
	Environment	72.4%	24.1%	3.4%	0.0%	0.0%	0.0%	100%	29	
MechEng	MachineTools	83.6%	11.9%	3.0%	1.5%	0.0%	0.0%	100%	67	
	Motors	75.3%	13.0%	4.1%	4.1%	2.1%	1.4%	100%	146	
	ThermProcesses	73.0%	13.5%	5.4%	8.1%	0.0%	0.0%	100%	37	
	MechElements	71.2%	15.2%	4.0%	7.2%	0.0%	2.4%	100%	125	
	Transportation	73.9%	14.2%	5.1%	4.0%	0.6%	2.3%	100%	176	
ConsConst	ConsGoods	68.4%	21.1%	7.9%	2.6%	0.0%	0.0%	100%	76	
	ConstrTechn	90.9%	4.5%	0.0%	4.5%	0.0%	0.0%	100%	22	
All		80.9%	11.4%	3.3%	2.7%	0.9%	0.7%	100%	3095	

ゲームをする:余暇目的でのPC使用

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	117	62	37	26	16	9	16	283	
	Audiovisual	62	26	21	21	11	14	7	162	
	Telecom	82	45	20	13	13	15	7	195	
	IT	53	28	30	20	11	13	12	167	
	Semiconductors	75	33	14	9	5	7	1	144	
Instruments	Optical	71	36	18	13	6	2	11	157	
	Analysis/Measurement/ControlTech	112	54	28	17	9	6	20	246	
	MedicalTechn	63	21	14	8	5	6	13	130	
	NuclearTechn	9	0	3	0	2	0	0	14	
Chemistry	OrganicChem	66	29	21	15	7	10	8	156	
	Polymers	48	35	19	14	6	4	5	131	
	Pharmaceuticals/Cosmetics	62	24	9	10	2	3	8	118	
	Biotechnology	43	19	7	9	3	1	7	89	
	Agric&Foods	7	4	4	4	0	0	1	20	
	PetrolChem/MaterialsChem	26	18	9	11	2	3	2	71	
	SurfaceTechn	29	16	8	2	2	0	3	60	
	Materials	46	19	10	9	7	2	10	103	
ProcEng	ChemEngineering	35	17	7	4	4	0	3	70	
	Matprocessing/Textiles/Paper	57	19	14	11	11	6	11	129	
	Handl/Printing	50	28	19	11	6	8	5	127	
	Agric&FoodProcess-Machines	3	2	1	0	0	0	3	9	
	Environment	15	10	1	1	1	0	4	32	
MechEng	MachineTools	31	20	5	10	1	1	3	71	
	Motors	68	34	14	19	7	4	10	156	
	ThermProcesses	18	7	4	4	2	4	3	42	
	MechElements	53	38	12	10	9	3	5	130	
	Transportation	90	31	22	19	7	8	14	191	
ConsConst	ConsGoods	25	26	8	7	6	3	5	80	
	ConstrTechn	17	3	0	1	0	1	1	23	
Total		1433	704	379	298	161	133	198	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	43.8%	23.2%	13.9%	9.7%	6.0%	3.4%	100%	267	
	Audiovisual	40.0%	16.8%	13.5%	13.5%	7.1%	9.0%	100%	155	
	Telecom	43.6%	23.9%	10.6%	6.9%	6.9%	8.0%	100%	188	
	IT	34.2%	18.1%	19.4%	12.9%	7.1%	8.4%	100%	155	
	Semiconductors	52.4%	23.1%	9.8%	6.3%	3.5%	4.9%	100%	143	
Instruments	Optical	48.6%	24.7%	12.3%	8.9%	4.1%	1.4%	100%	146	
	Analysis/Measurement/ControlTech	49.6%	23.9%	12.4%	7.5%	4.0%	2.7%	100%	226	
	MedicalTechn	53.8%	17.9%	12.0%	6.8%	4.3%	5.1%	100%	117	
	NuclearTechn	64.3%	0.0%	21.4%	0.0%	14.3%	0.0%	100%	14	
Chemistry	OrganicChem	44.6%	19.6%	14.2%	10.1%	4.7%	6.8%	100%	148	
	Polymers	38.1%	27.8%	15.1%	11.1%	4.8%	3.2%	100%	126	
	Pharmaceuticals/Cosmetics	56.4%	21.8%	8.2%	9.1%	1.8%	2.7%	100%	110	
	Biotechnology	52.4%	23.2%	8.5%	11.0%	3.7%	1.2%	100%	82	
	Agric&Foods	36.8%	21.1%	21.1%	21.1%	0.0%	0.0%	100%	19	
	PetrolChem/MaterialsChem	37.7%	26.1%	13.0%	15.9%	2.9%	4.3%	100%	69	
	SurfaceTechn	50.9%	28.1%	14.0%	3.5%	3.5%	0.0%	100%	57	
	Materials	49.5%	20.4%	10.8%	9.7%	7.5%	2.2%	100%	93	
ProcEng	ChemEngineering	52.2%	25.4%	10.4%	6.0%	6.0%	0.0%	100%	67	
	Matprocessing/Textiles/Paper	48.3%	16.1%	11.9%	9.3%	9.3%	5.1%	100%	118	
	Handl/Printing	41.0%	23.0%	15.6%	9.0%	4.9%	6.6%	100%	122	
	Agric&FoodProcess-Machines	50.0%	33.3%	16.7%	0.0%	0.0%	0.0%	100%	6	
	Environment	53.6%	35.7%	3.6%	3.6%	3.6%	0.0%	100%	28	
MechEng	MachineTools	45.6%	29.4%	7.4%	14.7%	1.5%	1.5%	100%	68	
	Motors	46.6%	23.3%	9.6%	13.0%	4.8%	2.7%	100%	146	
	ThermProcesses	46.2%	17.9%	10.3%	10.3%	5.1%	10.3%	100%	39	
	MechElements	42.4%	30.4%	9.6%	8.0%	7.2%	2.4%	100%	125	
	Transportation	50.8%	17.5%	12.4%	10.7%	4.0%	4.5%	100%	177	
ConsConst	ConsGoods	33.3%	34.7%	10.7%	9.3%	8.0%	4.0%	100%	75	
	ConstrTechn	77.3%	13.6%	0.0%	4.5%	0.0%	4.5%	100%	22	
All		46.1%	22.7%	12.2%	9.6%	5.2%	4.3%	100%	3108	

ソフトのプログラミング、ホームページ作成等

		全然しな かった 0	時々 1	2	3	4	頻繁に 5	無回答	Total
ElecEng	Electr/Energy	225	19	17	8	0	1	13	283
	Audiovisual	107	26	13	7	3	0	6	162
	Telecom	126	34	14	7	4	0	10	195
	IT	76	33	21	15	5	5	12	167
	Semiconductors	117	16	4	2	1	1	3	144
Instruments	Optical	124	9	6	4	2	0	12	157
	Analysis/Masurement/ControlTech	162	34	8	16	2	1	23	246
	MedicalTechn	94	10	8	3	2	0	13	130
	NuclearTechn	11	1	2	0	0	0	0	14
Chemistry	OrganicChem	130	14	1	1	0	2	8	156
	Polymers	105	13	2	3	1	0	7	131
	Pharmaceuticals/Cosmetics	102	4	0	4	0	0	8	118
	Biotechnology	73	4	3	1	0	1	7	89
	Agric&Foods	17	1	1	0	0	0	1	20
	PetrolChem/MaterialsChem	55	8	3	0	1	1	3	71
	SurfaceTechn	49	5	1	2	0	0	3	60
	Materials	80	7	2	3	1	0	10	103
ProcEng	ChemEngineering	55	9	3	0	0	0	3	70
	Matprocessing/Textiles/Paper	100	10	4	3	1	0	11	129
	Handl/Printing	93	10	10	5	2	1	6	127
	Agric&FoodProcess-Machines	5	0	0	0	0	1	3	9
	Environment	20	7	1	1	0	0	3	32
MechEng	MachineTools	54	7	3	0	1	2	4	71
	Motors	115	15	6	4	5	0	11	156
	ThermProcesses	34	1	1	1	1	0	4	42
	MechElements	102	11	2	9	1	0	5	130
	Transportation	143	16	9	4	1	3	15	191
ConsConst	ConsGoods	54	15	2	2	0	1	6	80
	ConstrTechn	21	0	1	0	0	0	1	23
Total		2449	339	148	105	34	20	211	3306

		N	全然しな かった 0	時々 1	2	3	4	頻繁に 5	Total
ElecEng	Electr/Energy	270	83.3%	7.0%	6.3%	3.0%	0.0%	0.4%	100%
	Audiovisual	156	68.6%	16.7%	8.3%	4.5%	1.9%	0.0%	100%
	Telecom	185	68.1%	18.4%	7.6%	3.8%	2.2%	0.0%	100%
	IT	155	49.0%	21.3%	13.5%	9.7%	3.2%	3.2%	100%
	Semiconductors	141	83.0%	11.3%	2.8%	1.4%	0.7%	0.7%	100%
Instruments	Optical	145	85.5%	6.2%	4.1%	2.8%	1.4%	0.0%	100%
	Analysis/Masurement/ControlTech	223	72.6%	15.2%	3.6%	7.2%	0.9%	0.4%	100%
	MedicalTechn	117	80.3%	8.5%	6.8%	2.6%	1.7%	0.0%	100%
	NuclearTechn	14	78.6%	7.1%	14.3%	0.0%	0.0%	0.0%	100%
Chemistry	OrganicChem	148	87.8%	9.5%	0.7%	0.7%	0.0%	1.4%	100%
	Polymers	124	84.7%	10.5%	1.6%	2.4%	0.8%	0.0%	100%
	Pharmaceuticals/Cosmetics	110	92.7%	3.6%	0.0%	3.6%	0.0%	0.0%	100%
	Biotechnology	82	89.0%	4.9%	3.7%	1.2%	0.0%	1.2%	100%
	Agric&Foods	19	89.5%	5.3%	5.3%	0.0%	0.0%	0.0%	100%
	PetrolChem/MaterialsChem	68	80.9%	11.8%	4.4%	0.0%	1.5%	1.5%	100%
	SurfaceTechn	57	86.0%	8.8%	1.8%	3.5%	0.0%	0.0%	100%
	Materials	93	86.0%	7.5%	2.2%	3.2%	1.1%	0.0%	100%
ProcEng	ChemEngineering	67	82.1%	13.4%	4.5%	0.0%	0.0%	0.0%	100%
	Matprocessing/Textiles/Paper	118	84.7%	8.5%	3.4%	2.5%	0.8%	0.0%	100%
	Handl/Printing	121	76.9%	8.3%	8.3%	4.1%	1.7%	0.8%	100%
	Agric&FoodProcess-Machines	6	83.3%	0.0%	0.0%	0.0%	0.0%	16.7%	100%
	Environment	29	69.0%	24.1%	3.4%	3.4%	0.0%	0.0%	100%
MechEng	MachineTools	67	80.6%	10.4%	4.5%	0.0%	1.5%	3.0%	100%
	Motors	145	79.3%	10.3%	4.1%	2.8%	3.4%	0.0%	100%
	ThermProcesses	38	89.5%	2.6%	2.6%	2.6%	2.6%	0.0%	100%
	MechElements	125	81.6%	8.8%	1.6%	7.2%	0.8%	0.0%	100%
	Transportation	176	81.3%	9.1%	5.1%	2.3%	0.6%	1.7%	100%
ConsConst	ConsGoods	74	73.0%	20.3%	2.7%	2.7%	0.0%	1.4%	100%
	ConstrTechn	22	95.5%	0.0%	4.5%	0.0%	0.0%	0.0%	100%
All		3095	79.1%	11.0%	4.8%	3.4%	1.1%	0.6%	100%

家族と時間を過ごす

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	35	47	41	50	32	67	11	283	
	Audiovisual	21	21	25	33	25	34	3	162	
	Telecom	37	33	28	32	24	33	8	195	
	IT	24	18	20	38	21	37	9	167	
	Semiconductors	23	25	22	24	18	30	2	144	
Instruments	Optical	21	18	24	28	19	37	10	157	
	Analysis/Measurement/ControlTech	25	28	44	39	40	55	15	246	
	MedicalTechn	11	20	23	23	15	28	10	130	
	NuclearTechn	2	2	2	2	1	5	0	14	
Chemistry	OrganicChem	21	21	19	32	19	39	5	156	
	Polymers	12	18	19	23	23	31	5	131	
	Pharmaceuticals/Cosmetics	12	16	14	25	14	29	8	118	
	Biotechnology	13	12	11	11	14	25	3	89	
	Agric&Foods	2	3	3	3	4	4	1	20	
	PetrolChem/MaterialsChem	5	10	12	8	9	25	2	71	
	SurfaceTechn	6	5	7	15	8	18	1	60	
	Materials	11	13	12	14	15	31	7	103	
ProcEng	ChemEngineering	11	10	15	12	3	18	1	70	
	Matprocessing/Textiles/Paper	13	13	15	30	18	33	7	129	
	Handl/Printing	16	19	19	21	20	27	5	127	
	Agric&FoodProcess-Machines	1	1	1	2	1	2	1	9	
	Environment	2	2	4	9	7	5	3	32	
MechEng	MachineTools	6	12	14	14	11	14	0	71	
	Motors	15	16	19	36	26	37	7	156	
	ThermProcesses	4	5	6	10	8	7	2	42	
	MechElements	8	20	21	30	17	34	0	130	
	Transportation	21	29	30	30	25	45	11	191	
ConsConst	ConsGoods	5	13	17	8	17	18	2	80	
	ConstrTechn	4	4	2	7	2	4	0	23	
Total		387	454	489	609	456	772	139	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	12.9%	17.3%	15.1%	18.4%	11.8%	24.6%	100%	272	
	Audiovisual	13.2%	13.2%	15.7%	20.8%	15.7%	21.4%	100%	159	
	Telecom	19.8%	17.6%	15.0%	17.1%	12.8%	17.6%	100%	187	
	IT	15.2%	11.4%	12.7%	24.1%	13.3%	23.4%	100%	158	
	Semiconductors	16.2%	17.6%	15.5%	16.9%	12.7%	21.1%	100%	142	
Instruments	Optical	14.3%	12.2%	16.3%	19.0%	12.9%	25.2%	100%	147	
	Analysis/Measurement/ControlTech	10.8%	12.1%	19.0%	16.9%	17.3%	23.8%	100%	231	
	MedicalTechn	9.2%	16.7%	19.2%	19.2%	12.5%	23.3%	100%	120	
	NuclearTechn	14.3%	14.3%	14.3%	14.3%	7.1%	35.7%	100%	14	
Chemistry	OrganicChem	13.9%	13.9%	12.6%	21.2%	12.6%	25.8%	100%	151	
	Polymers	9.5%	14.3%	15.1%	18.3%	18.3%	24.6%	100%	126	
	Pharmaceuticals/Cosmetics	10.9%	14.5%	12.7%	22.7%	12.7%	26.4%	100%	110	
	Biotechnology	15.1%	14.0%	12.8%	12.8%	16.3%	29.1%	100%	86	
	Agric&Foods	10.5%	15.8%	15.8%	15.8%	21.1%	21.1%	100%	19	
	PetrolChem/MaterialsChem	7.2%	14.5%	17.4%	11.6%	13.0%	36.2%	100%	69	
	SurfaceTechn	10.2%	8.5%	11.9%	25.4%	13.6%	30.5%	100%	59	
	Materials	11.5%	13.5%	12.5%	14.6%	15.6%	32.3%	100%	96	
ProcEng	ChemEngineering	15.9%	14.5%	21.7%	17.4%	4.3%	26.1%	100%	69	
	Matprocessing/Textiles/Paper	10.7%	10.7%	12.3%	24.6%	14.8%	27.0%	100%	122	
	Handl/Printing	13.1%	15.6%	15.6%	17.2%	16.4%	22.1%	100%	122	
	Agric&FoodProcess-Machines	12.5%	12.5%	12.5%	25.0%	12.5%	25.0%	100%	8	
	Environment	6.9%	6.9%	13.8%	31.0%	24.1%	17.2%	100%	29	
MechEng	MachineTools	8.5%	16.9%	19.7%	19.7%	15.5%	19.7%	100%	71	
	Motors	10.1%	10.7%	12.8%	24.2%	17.4%	24.8%	100%	149	
	ThermProcesses	10.0%	12.5%	15.0%	25.0%	20.0%	17.5%	100%	40	
	MechElements	6.2%	15.4%	16.2%	23.1%	13.1%	26.2%	100%	130	
	Transportation	11.7%	16.1%	16.7%	16.7%	13.9%	25.0%	100%	180	
ConsConst	ConsGoods	6.4%	16.7%	21.8%	10.3%	21.8%	23.1%	100%	78	
	ConstrTechn	17.4%	17.4%	8.7%	30.4%	8.7%	17.4%	100%	23	
All		12.2%	14.3%	15.4%	19.2%	14.4%	24.4%	100%	3167	

ボランティア活動

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	215	36	9	6	1	2	14	283	
	Audiovisual	126	21	5	2	2	1	5	162	
	Telecom	154	20	5	5	1	1	9	195	
	IT	124	19	4	8	0	0	12	167	
	Semiconductors	120	13	3	3	2	0	3	144	
Instruments	Optical	123	14	3	3	1	0	13	157	
	Analysis/Measurement/ControlTech	171	34	9	8	3	2	19	246	
	MedicalTechn	96	13	5	2	0	1	13	130	
	NuclearTechn	8	3	2	0	1	0	0	14	
Chemistry	OrganicChem	122	15	5	4	2	0	8	156	
	Polymers	97	20	4	3	1	0	6	131	
	Pharmaceuticals/Cosmetics	91	14	4	2	0	0	7	118	
	Biotechnology	64	11	4	4	0	0	6	89	
	Agric&Foods	12	6	1	0	0	0	1	20	
	PetrolChem/MaterialsChem	51	9	2	1	2	3	3	71	
	SurfaceTechn	48	8	0	1	0	0	3	60	
	Materials	74	11	4	4	0	0	10	103	
ProcEng	ChemEngineering	49	12	5	0	0	1	3	70	
	Matprocessing/Textiles/Paper	94	18	3	3	0	0	11	129	
	Handl/Printing	103	10	3	3	1	1	6	127	
	Agric&FoodProcess-Machines	5	1	0	0	0	0	3	9	
	Environment	18	6	2	1	1	0	4	32	
MechEng	MachineTools	54	8	1	3	0	1	4	71	
	Motors	114	18	2	7	2	1	12	156	
	ThermProcesses	33	2	0	1	1	1	4	42	
	MechElements	101	14	3	5	0	1	6	130	
	Transportation	150	18	3	2	2	1	15	191	
ConsConst	ConsGoods	56	11	1	4	1	1	6	80	
	ConstrTechn	19	2	1	0	0	0	1	23	
Total		2492	387	93	85	24	18	207	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	79.9%	13.4%	3.3%	2.2%	0.4%	0.7%	100%	269	
	Audiovisual	80.3%	13.4%	3.2%	1.3%	1.3%	0.6%	100%	157	
	Telecom	82.8%	10.8%	2.7%	2.7%	0.5%	0.5%	100%	186	
	IT	80.0%	12.3%	2.6%	5.2%	0.0%	0.0%	100%	155	
	Semiconductors	85.1%	9.2%	2.1%	2.1%	1.4%	0.0%	100%	141	
Instruments	Optical	85.4%	9.7%	2.1%	2.1%	0.7%	0.0%	100%	144	
	Analysis/Measurement/ControlTech	75.3%	15.0%	4.0%	3.5%	1.3%	0.9%	100%	227	
	MedicalTechn	82.1%	11.1%	4.3%	1.7%	0.0%	0.9%	100%	117	
	NuclearTechn	57.1%	21.4%	14.3%	0.0%	7.1%	0.0%	100%	14	
Chemistry	OrganicChem	82.4%	10.1%	3.4%	2.7%	1.4%	0.0%	100%	148	
	Polymers	77.6%	16.0%	3.2%	2.4%	0.8%	0.0%	100%	125	
	Pharmaceuticals/Cosmetics	82.0%	12.6%	3.6%	1.8%	0.0%	0.0%	100%	111	
	Biotechnology	77.1%	13.3%	4.8%	4.8%	0.0%	0.0%	100%	83	
	Agric&Foods	63.2%	31.6%	5.3%	0.0%	0.0%	0.0%	100%	19	
	PetrolChem/MaterialsChem	75.0%	13.2%	2.9%	1.5%	2.9%	4.4%	100%	68	
	SurfaceTechn	84.2%	14.0%	0.0%	1.8%	0.0%	0.0%	100%	57	
	Materials	79.6%	11.8%	4.3%	4.3%	0.0%	0.0%	100%	93	
ProcEng	ChemEngineering	73.1%	17.9%	7.5%	0.0%	0.0%	1.5%	100%	67	
	Matprocessing/Textiles/Paper	79.7%	15.3%	2.5%	2.5%	0.0%	0.0%	100%	118	
	Handl/Printing	85.1%	8.3%	2.5%	2.5%	0.8%	0.8%	100%	121	
	Agric&FoodProcess-Machines	83.3%	16.7%	0.0%	0.0%	0.0%	0.0%	100%	6	
	Environment	64.3%	21.4%	7.1%	3.6%	3.6%	0.0%	100%	28	
MechEng	MachineTools	80.6%	11.9%	1.5%	4.5%	0.0%	1.5%	100%	67	
	Motors	79.2%	12.5%	1.4%	4.9%	1.4%	0.7%	100%	144	
	ThermProcesses	86.8%	5.3%	0.0%	2.6%	2.6%	2.6%	100%	38	
	MechElements	81.5%	11.3%	2.4%	4.0%	0.0%	0.8%	100%	124	
	Transportation	85.2%	10.2%	1.7%	1.1%	1.1%	0.6%	100%	176	
ConsConst	ConsGoods	75.7%	14.9%	1.4%	5.4%	1.4%	1.4%	100%	74	
	ConstrTechn	86.4%	9.1%	4.5%	0.0%	0.0%	0.0%	100%	22	
All		80.4%	12.5%	3.0%	2.7%	0.8%	0.6%	100%	3099	

宗教活動やスピリチュアルな活動

		全然しな かった	時々					頻繁に	無回答	Total
		0	1	2	3	4	5			
ElecEng	Electr/Energy	254	8	5	1	1	0	14	283	
	Audiovisual	147	2	4	1	1	0	7	162	
	Telecom	180	2	0	1	1	0	11	195	
	IT	145	3	2	4	0	1	12	167	
	Semiconductors	136	2	3	0	0	0	3	144	
Instruments	Optical	141	2	1	1	0	0	12	157	
	Analysis/Measurement/ControlTech	213	6	2	1	1	0	23	246	
	MedicalTechn	109	4	3	1	0	0	13	130	
	NuclearTechn	14	0	0	0	0	0	0	14	
Chemistry	OrganicChem	141	7	0	1	0	0	7	156	
	Polymers	116	7	1	1	0	0	6	131	
	Pharmaceuticals/Cosmetics	104	3	2	1	0	0	8	118	
	Biotechnology	79	2	0	0	1	0	7	89	
	Agric&Foods	17	1	0	0	1	0	1	20	
	PetrolChem/MaterialsChem	61	3	1	1	1	0	4	71	
	SurfaceTechn	52	2	1	2	0	0	3	60	
	Materials	87	2	0	3	1	0	10	103	
ProcEng	ChemEngineering	61	4	0	1	1	0	3	70	
	Matprocessing/Textiles/Paper	109	4	1	3	1	0	11	129	
	Handl/Printing	114	3	3	0	1	0	6	127	
	Agric&FoodProcess-Machines	6	0	0	0	0	0	3	9	
	Environment	24	2	1	1	0	0	4	32	
MechEng	MachineTools	64	2	0	1	0	0	4	71	
	Motors	136	6	1	2	0	0	11	156	
	ThermProcesses	37	1	0	0	0	0	4	42	
	MechElements	116	5	0	2	0	1	6	130	
	Transportation	164	8	3	1	0	1	14	191	
ConsConst	ConsGoods	64	6	2	0	1	1	6	80	
	ConstrTechn	20	1	0	0	0	1	1	23	
Total		2911	98	36	30	12	5	214	3306	

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	94.4%	3.0%	1.9%	0.4%	0.4%	0.0%	100%	269	
	Audiovisual	94.8%	1.3%	2.6%	0.6%	0.6%	0.0%	100%	155	
	Telecom	97.8%	1.1%	0.0%	0.5%	0.5%	0.0%	100%	184	
	IT	93.5%	1.9%	1.3%	2.6%	0.0%	0.6%	100%	155	
	Semiconductors	96.5%	1.4%	2.1%	0.0%	0.0%	0.0%	100%	141	
Instruments	Optical	97.2%	1.4%	0.7%	0.7%	0.0%	0.0%	100%	145	
	Analysis/Masurement/ControlTech	95.5%	2.7%	0.9%	0.4%	0.4%	0.0%	100%	223	
	MedicalTechn	93.2%	3.4%	2.6%	0.9%	0.0%	0.0%	100%	117	
	NuclearTechn	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	14	
Chemistry	OrganicChem	94.6%	4.7%	0.0%	0.7%	0.0%	0.0%	100%	149	
	Polymers	92.8%	5.6%	0.8%	0.8%	0.0%	0.0%	100%	125	
	Pharmaceuticals/Cosmetics	94.5%	2.7%	1.8%	0.9%	0.0%	0.0%	100%	110	
	Biotechnology	96.3%	2.4%	0.0%	0.0%	1.2%	0.0%	100%	82	
	Agric&Foods	89.5%	5.3%	0.0%	0.0%	5.3%	0.0%	100%	19	
	PetrolChem/MaterialsChem	91.0%	4.5%	1.5%	1.5%	1.5%	0.0%	100%	67	
	SurfaceTechn	91.2%	3.5%	1.8%	3.5%	0.0%	0.0%	100%	57	
	Materials	93.5%	2.2%	0.0%	3.2%	1.1%	0.0%	100%	93	
ProcEng	ChemEngineering	91.0%	6.0%	0.0%	1.5%	1.5%	0.0%	100%	67	
	Matprocessing/Textiles/Paper	92.4%	3.4%	0.8%	2.5%	0.8%	0.0%	100%	118	
	Handl/Printing	94.2%	2.5%	2.5%	0.0%	0.8%	0.0%	100%	121	
	Agric&FoodProcess-Machines	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	6	
	Environment	85.7%	7.1%	3.6%	3.6%	0.0%	0.0%	100%	28	
MechEng	MachineTools	95.5%	3.0%	0.0%	1.5%	0.0%	0.0%	100%	67	
	Motors	93.8%	4.1%	0.7%	1.4%	0.0%	0.0%	100%	145	
	ThermProcesses	97.4%	2.6%	0.0%	0.0%	0.0%	0.0%	100%	38	
	MechElements	93.5%	4.0%	0.0%	1.6%	0.0%	0.8%	100%	124	
	Transportation	92.7%	4.5%	1.7%	0.6%	0.0%	0.6%	100%	177	
ConsConst	ConsGoods	86.5%	8.1%	2.7%	0.0%	1.4%	1.4%	100%	74	
	ConstrTechn	90.9%	4.5%	0.0%	0.0%	0.0%	4.5%	100%	22	
All		94.1%	3.2%	1.2%	1.0%	0.4%	0.2%	100%	3092	

その他

		全然しな かった	時々					頻繁に		無回答	Total
		0	1	2	3	4	5				
ElecEng	Electr/Energy	47	2	2	0	0	3	229	283		
	Audiovisual	31	0	0	1	1	1	128	162		
	Telecom	42	0	0	0	0	2	151	195		
	IT	39	1	2	2	0	2	121	167		
	Semiconductors	21	0	0	1	0	1	121	144		
Instruments	Optical	23	0	0	1	1	1	131	157		
	Analysis/Measurement/ControlTech	43	1	1	0	1	4	196	246		
	MedicalTechn	22	1	1	2	0	0	104	130		
	NuclearTechn	0	0	0	0	0	0	14	14		
Chemistry	OrganicChem	29	1	0	0	0	0	126	156		
	Polymers	15	0	1	0	0	1	114	131		
	Pharmaceuticals/Cosmetics	22	1	1	1	0	0	93	118		
	Biotechnology	15	0	0	0	0	1	73	89		
	Agric&Foods	5	0	0	0	0	0	15	20		
	PetrolChem/MaterialsChem	9	1	0	0	0	0	61	71		
	SurfaceTechn	9	0	0	1	0	1	49	60		
	Materials	14	0	0	1	2	0	86	103		
ProcEng	ChemEngineering	10	0	0	0	0	2	58	70		
	Matprocessing/Textiles/Paper	15	1	0	1	1	1	110	129		
	Handl/Printing	29	0	1	1	1	0	95	127		
	Agric&FoodProcess-Machines	0	0	0	0	0	2	7	9		
	Environment	3	0	0	0	0	0	29	32		
MechEng	MachineTools	17	0	0	0	0	1	53	71		
	Motors	28	0	2	1	0	2	123	156		
	ThermProcesses	6	0	0	0	0	0	36	42		
	MechElements	18	0	0	0	1	2	109	130		
	Transportation	32	4	0	0	1	1	153	191		
ConsConst	ConsGoods	10	1	0	0	0	0	69	80		
	ConstrTechn	2	0	0	0	0	0	21	23		
Total		556	14	11	13	9	28	2675	3306		

		全然しな かった	時々					頻繁に	Total	N
		0	1	2	3	4	5			
ElecEng	Electr/Energy	87.0%	3.7%	3.7%	0.0%	0.0%	5.6%	100%	54	
	Audiovisual	91.2%	0.0%	0.0%	2.9%	2.9%	2.9%	100%	34	
	Telecom	95.5%	0.0%	0.0%	0.0%	0.0%	4.5%	100%	44	
	IT	84.8%	2.2%	4.3%	4.3%	0.0%	4.3%	100%	46	
	Semiconductors	91.3%	0.0%	0.0%	4.3%	0.0%	4.3%	100%	23	
Instruments	Optical	88.5%	0.0%	0.0%	3.8%	3.8%	3.8%	100%	26	
	Analysis/Measurement/ControlTech	86.0%	2.0%	2.0%	0.0%	2.0%	8.0%	100%	50	
	MedicalTechn	84.6%	3.8%	3.8%	7.7%	0.0%	0.0%	100%	26	
	NuclearTechn	-	-	-	-	-	-	-	0	
Chemistry	OrganicChem	96.7%	3.3%	0.0%	0.0%	0.0%	0.0%	100%	30	
	Polymers	88.2%	0.0%	5.9%	0.0%	0.0%	5.9%	100%	17	
	Pharmaceuticals/Cosmetics	88.0%	4.0%	4.0%	4.0%	0.0%	0.0%	100%	25	
	Biotechnology	93.8%	0.0%	0.0%	0.0%	0.0%	6.3%	100%	16	
	Agric&Foods	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	5	
	PetrolChem/MaterialsChem	90.0%	10.0%	0.0%	0.0%	0.0%	0.0%	100%	10	
	SurfaceTechn	81.8%	0.0%	0.0%	9.1%	0.0%	9.1%	100%	11	
	Materials	82.4%	0.0%	0.0%	5.9%	11.8%	0.0%	100%	17	
ProcEng	ChemEngineering	83.3%	0.0%	0.0%	0.0%	0.0%	16.7%	100%	12	
	Matprocessing/Textiles/Paper	78.9%	5.3%	0.0%	5.3%	5.3%	5.3%	100%	19	
	Handl/Printing	90.6%	0.0%	3.1%	3.1%	3.1%	0.0%	100%	32	
	Agric&FoodProcess-Machines	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100%	2	
	Environment	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	3	
MechEng	MachineTools	94.4%	0.0%	0.0%	0.0%	0.0%	5.6%	100%	18	
	Motors	84.8%	0.0%	6.1%	3.0%	0.0%	6.1%	100%	33	
	ThermProcesses	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	6	
	MechElements	85.7%	0.0%	0.0%	0.0%	4.8%	9.5%	100%	21	
	Transportation	84.2%	10.5%	0.0%	0.0%	2.6%	2.6%	100%	38	
ConsConst	ConsGoods	90.9%	9.1%	0.0%	0.0%	0.0%	0.0%	100%	11	
	ConstrTechn	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%	2	
All		88.1%	2.2%	1.7%	2.1%	1.4%	4.4%	100%	631	

		<10k	10k-<30k	30k-<50k	50k-<70k	70k-	>=100k	no answer	no response	Total
ElecEng	Electr/Energy	0	11	108	82	44	6	31	1	283
	Audiovisual	1	7	50	65	27	1	9	2	162
	Telecom	4	9	75	57	25	2	21	2	195
	IT	1	9	40	64	22	6	25	0	167
	Semiconductors	1	6	52	48	26	2	9	0	144
Instruments	Optical	0	9	54	47	25	2	18	2	157
	Analysis/Measurement/ControlTech	1	12	72	86	40	5	23	7	246
	MedicalTechn	0	9	40	33	23	5	20	0	130
	NuclearTechn	1	1	3	2	6	0	1	0	14
Chemistry	OrganicChem	2	6	43	51	33	6	13	2	156
	Polymers	1	5	44	43	19	2	15	2	131
	Pharmaceuticals/Cosmetics	1	7	27	43	22	5	12	1	118
	Biotechnology	1	3	27	24	18	4	11	1	89
	Agric&Foods	0	2	4	8	2	0	2	2	20
	PetrolChem/MaterialsChem	0	2	24	30	8	2	4	1	71
	SurfaceTechn	0	3	19	22	9	0	7	0	60
	Materials	0	7	30	26	17	3	18	2	103
ProcEng	ChemEngineering	0	3	28	20	11	3	5	0	70
	Matprocessing/Textiles/Paper	0	5	44	33	23	2	22	0	129
	Handl/Printing	0	4	47	46	16	2	11	1	127
	Agric&FoodProcess-Machines	0	2	0	4	1	2	0	0	9
	Environment	1	0	13	10	5	1	0	2	32
MechEng	MachineTools	0	3	26	25	9	3	4	1	71
	Motors	0	10	41	51	23	4	25	2	156
	ThermProcesses	0	1	24	8	4	0	4	1	42
	MechElements	1	9	53	37	16	3	11	0	130
	Transportation	0	12	72	59	26	2	16	4	191
ConsConst	ConsGoods	0	3	24	32	8	2	11	0	80
	ConstrTechn	0	3	5	8	3	1	3	0	23
Total		16	163	1,089	1,064	511	76	351	36	3306

		<10k	10k-<30k	30k-<50k	50k-<70k	70k-	>=100k	Total	N
ElecEng	Electr/Energy	0.0%	4.4%	43.0%	32.7%	17.5%	2.4%	100%	282
	Audiovisual	0.7%	4.6%	33.1%	43.0%	17.9%	0.7%	100%	160
	Telecom	2.3%	5.2%	43.6%	33.1%	14.5%	1.2%	100%	193
	IT	0.7%	6.3%	28.2%	45.1%	15.5%	4.2%	100%	167
	Semiconductors	0.7%	4.4%	38.5%	35.6%	19.3%	1.5%	100%	144
Instruments	Optical	0.0%	6.6%	39.4%	34.3%	18.2%	1.5%	100%	155
	Analysis/Measurement/ControlTech	0.5%	5.6%	33.3%	39.8%	18.5%	2.3%	100%	239
	MedicalTechn	0.0%	8.2%	36.4%	30.0%	20.9%	4.5%	100%	130
	NuclearTechn	7.7%	7.7%	23.1%	15.4%	46.2%	0.0%	100%	14
Chemistry	OrganicChem	1.4%	4.3%	30.5%	36.2%	23.4%	4.3%	100%	154
	Polymers	0.9%	4.4%	38.6%	37.7%	16.7%	1.8%	100%	129
	Pharmaceuticals/Cosmetics	1.0%	6.7%	25.7%	41.0%	21.0%	4.8%	100%	117
	Biotechnology	1.3%	3.9%	35.1%	31.2%	23.4%	5.2%	100%	88
	Agric&Foods	0.0%	12.5%	25.0%	50.0%	12.5%	0.0%	100%	18
	PetrolChem/MaterialsChem	0.0%	3.0%	36.4%	45.5%	12.1%	3.0%	100%	70
	SurfaceTechn	0.0%	5.7%	35.8%	41.5%	17.0%	0.0%	100%	60
	Materials	0.0%	8.4%	36.1%	31.3%	20.5%	3.6%	100%	101
ProcEng	ChemEngineering	0.0%	4.6%	43.1%	30.8%	16.9%	4.6%	100%	70
	Matprocessing/Textiles/Paper	0.0%	4.7%	41.1%	30.8%	21.5%	1.9%	100%	129
	Handl/Printing	0.0%	3.5%	40.9%	40.0%	13.9%	1.7%	100%	126
	Agric&FoodProcess-Machines	0.0%	22.2%	0.0%	44.4%	11.1%	22.2%	100%	9
	Environment	3.3%	0.0%	43.3%	33.3%	16.7%	3.3%	100%	30
MechEng	MachineTools	0.0%	4.5%	39.4%	37.9%	13.6%	4.5%	100%	70
	Motors	0.0%	7.8%	31.8%	39.5%	17.8%	3.1%	100%	154
	ThermProcesses	0.0%	2.7%	64.9%	21.6%	10.8%	0.0%	100%	41
	MechElements	0.8%	7.6%	44.5%	31.1%	13.4%	2.5%	100%	130
	Transportation	0.0%	7.0%	42.1%	34.5%	15.2%	1.2%	100%	187
ConsConst	ConsGoods	0.0%	4.3%	34.8%	46.4%	11.6%	2.9%	100%	80
	ConstrTechn	0.0%	15.0%	25.0%	40.0%	15.0%	5.0%	100%	23
All		0.5%	5.6%	37.3%	36.5%	17.5%	2.6%	100%	3270

		はい	いいえ	無回答	Total
ElecEng	Electr/Energy	69	207	7	283
	Audiovisual	42	113	7	162
	Telecom	43	148	4	195
	IT	40	118	9	167
	Semiconductors	37	103	4	144
Instruments	Optical	40	112	5	157
	Analysis/Measurement/ControlTech	56	180	10	246
	MedicalTechn	32	91	7	130
	NuclearTechn	5	9	0	14
Chemistry	OrganicChem	44	108	4	156
	Polymers	32	95	4	131
	Pharmaceuticals/Cosmetics	26	89	3	118
	Biotechnology	24	64	1	89
	Agric&Foods	2	17	1	20
	PetrolChem/MaterialsChem	18	50	3	71
	SurfaceTechn	15	43	2	60
	Materials	27	71	5	103
ProcEng	ChemEngineering	21	48	1	70
	Matprocessing/Textiles/Paper	28	96	5	129
	Handl/Printing	31	90	6	127
	Agric&FoodProcess-Machines	3	6	0	9
	Environment	7	22	3	32
MechEng	MachineTools	27	44	0	71
	Motors	41	107	8	156
	ThermProcesses	11	28	3	42
	MechElements	33	93	4	130
	Transportation	51	132	8	191
ConsConst	ConsGoods	20	57	3	80
	ConstrTechn	9	13	1	23
Total		834	2,354	118	3306

		はい	いいえ	Total	N
ElecEng	Electr/Energy	25.0%	75.0%	100%	276
	Audiovisual	27.1%	72.9%	100%	155
	Telecom	22.5%	77.5%	100%	191
	IT	25.3%	74.7%	100%	158
	Semiconductors	26.4%	73.6%	100%	140
Instruments	Optical	26.3%	73.7%	100%	152
	Analysis/Measurement/ControlTech	23.7%	76.3%	100%	236
	MedicalTechn	26.0%	74.0%	100%	123
	NuclearTechn	35.7%	64.3%	100%	14
Chemistry	OrganicChem	28.9%	71.1%	100%	152
	Polymers	25.2%	74.8%	100%	127
	Pharmaceuticals/Cosmetics	22.6%	77.4%	100%	115
	Biotechnology	27.3%	72.7%	100%	88
	Agric&Foods	10.5%	89.5%	100%	19
	PetrolChem/MaterialsChem	26.5%	73.5%	100%	68
	SurfaceTechn	25.9%	74.1%	100%	58
	Materials	27.6%	72.4%	100%	98
ProcEng	ChemEngineering	30.4%	69.6%	100%	69
	Matprocessing/Textiles/Paper	22.6%	77.4%	100%	124
	Handl/Printing	25.6%	74.4%	100%	121
	Agric&FoodProcess-Machines	33.3%	66.7%	100%	9
	Environment	24.1%	75.9%	100%	29
MechEng	MachineTools	38.0%	62.0%	100%	71
	Motors	27.7%	72.3%	100%	148
	ThermProcesses	28.2%	71.8%	100%	39
	MechElements	26.2%	73.8%	100%	126
	Transportation	27.9%	72.1%	100%	183
ConsConst	ConsGoods	26.0%	74.0%	100%	77
	ConstrTechn	40.9%	59.1%	100%	22
All		26.2%	73.8%	100%	3188

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ElecEng	Electr/Energy	3.2%	2.9%	8.9%	12.5%	5.4%	21.8%	11.8%	17.9%	11.4%	1.1%	3.2%	100%	280
	Audiovisual	4.4%	1.3%	8.1%	20.0%	8.8%	10.6%	13.1%	13.8%	12.5%	2.5%	5.0%	100%	160
	Telecom	4.7%	2.6%	13.5%	13.0%	4.1%	21.2%	8.8%	17.6%	9.8%	2.1%	2.6%	100%	193
	IT	3.7%	1.8%	12.9%	12.9%	8.6%	18.4%	4.9%	17.2%	12.3%	3.1%	4.3%	100%	163
	Semiconductors	1.4%	1.4%	6.9%	13.9%	9.0%	13.9%	7.6%	17.4%	17.4%	4.2%	6.9%	100%	144
Instruments	Optical	2.6%	2.0%	7.9%	9.2%	8.6%	18.4%	7.2%	22.4%	15.1%	3.3%	3.3%	100%	152
	Analysis/Measurement/ControlTech	4.3%	2.6%	9.8%	13.6%	3.8%	17.4%	10.6%	14.0%	15.7%	3.4%	4.7%	100%	235
	MedicalTechn	5.4%	3.9%	13.2%	16.3%	3.9%	14.0%	4.7%	14.0%	12.4%	4.7%	7.8%	100%	129
	NuclearTechn	0.0%	7.1%	0.0%	28.6%	0.0%	14.3%	7.1%	0.0%	21.4%	14.3%	7.1%	100%	14
Chemistry	OrganicChem	3.2%	1.3%	6.5%	8.4%	7.8%	18.2%	9.7%	19.5%	14.9%	4.5%	5.8%	100%	154
	Polymers	0.0%	0.8%	6.3%	15.6%	7.0%	19.5%	10.2%	21.9%	10.2%	4.7%	3.9%	100%	128
	Pharmaceuticals/Cosmetics	1.7%	2.6%	7.0%	12.2%	3.5%	16.5%	10.4%	20.0%	17.4%	4.3%	4.3%	100%	115
	Biotechnology	3.4%	1.1%	6.8%	10.2%	4.5%	11.4%	6.8%	20.5%	20.5%	3.4%	11.4%	100%	88
	Agric&Foods	0.0%	0.0%	5.3%	5.3%	10.5%	26.3%	5.3%	26.3%	15.8%	5.3%	0.0%	100%	19
	PetrolChem/MaterialsChem	0.0%	2.9%	7.1%	18.6%	5.7%	14.3%	5.7%	28.6%	11.4%	2.9%	2.9%	100%	70
	SurfaceTechn	3.4%	1.7%	11.9%	15.3%	10.2%	13.6%	1.7%	22.0%	10.2%	3.4%	6.8%	100%	59
	Materials	4.0%	0.0%	5.9%	10.9%	2.0%	15.8%	6.9%	24.8%	22.8%	3.0%	4.0%	100%	101
ProcEng	ChemEngineering	4.3%	1.4%	2.9%	17.4%	2.9%	18.8%	7.2%	14.5%	18.8%	4.3%	7.2%	100%	69
	Matprocessing/Textiles/Paper	0.0%	2.3%	6.3%	8.6%	6.3%	21.9%	6.3%	22.7%	16.4%	5.5%	3.9%	100%	128
	Handl/Printing	4.8%	3.2%	8.7%	11.9%	11.9%	15.1%	11.1%	23.0%	5.6%	2.4%	2.4%	100%	126
	Agric&FoodProcess-Machines	0.0%	0.0%	11.1%	11.1%	11.1%	22.2%	0.0%	0.0%	11.1%	0.0%	33.3%	100%	9
	Environment	10.0%	3.3%	0.0%	16.7%	3.3%	23.3%	3.3%	6.7%	20.0%	0.0%	13.3%	100%	30
MechEng	MachineTools	2.8%	1.4%	4.2%	11.3%	4.2%	22.5%	7.0%	14.1%	22.5%	4.2%	5.6%	100%	71
	Motors	5.3%	2.0%	6.6%	13.2%	8.6%	21.7%	5.9%	18.4%	13.8%	2.0%	2.6%	100%	152
	ThermProcesses	4.9%	9.8%	9.8%	9.8%	9.8%	24.4%	2.4%	17.1%	7.3%	2.4%	2.4%	100%	41
	MechElements	3.1%	2.3%	6.2%	17.1%	5.4%	15.5%	11.6%	18.6%	14.0%	2.3%	3.9%	100%	129
	Transportation	2.7%	2.7%	9.1%	15.1%	8.6%	17.2%	7.5%	18.3%	11.3%	2.7%	4.8%	100%	186
ConsConst	ConsGoods	2.5%	1.3%	11.3%	6.3%	8.8%	20.0%	12.5%	20.0%	7.5%	1.3%	8.8%	100%	80
	ConstrTechn	0.0%	9.1%	13.6%	9.1%	9.1%	13.6%	4.5%	22.7%	9.1%	4.5%	4.5%	100%	22
All		3.2%	2.2%	8.4%	13.2%	6.6%	17.8%	8.5%	18.5%	13.7%	3.1%	4.8%	100%	3247