Table 6.5

WASHINGTON RANKINGS FOR "HIGH TECH" PATENT CLASSES[1]

"HIGH TECH" PATENT CLASSES[1]	WA PATENT RANK[2]	US PATENT RANK[2]	AVERAGE ANNUAL WA PATENTS	
			1990-94	1995-99

"High Tech" patent classes whose WA growth ranking is higher than that for the US.

"HIGH TECH" PATENT CLASSES[1]	WA PATENT RANK[2]	US PATENT RANK[2]	1990-94	1995-99
Data Processing: Database, File Management, Data Structures, Processing.	1	4	2.4	48.4
Image Analysis	21	21	2.8	19.6
Induced Nuclear Reactions: Processes, Systems, and Elements	25	412	5.2	7.4
Single-Crystal, Oriented-Crystal, and Epitaxy Growth Processes	27	79	-	2.8
Incremental Printing of Symbolic Information	28	30	3.4	15.6
Surgery 607: Light, Thermal, and Electrical Application	34	54	9.2	22.2
Electric Heating	48	225	4.8	12.0
Data Processing: Artificial Intelligence	54	60	0.2	2.2
Compositions: Ceramic	116	410	0.4	1.0
Chemistry of Inorganic Compounds	142	397	2.2	2.4
Aeronautics	163	334	21.8	22.6
Communications, Electrical: Acoustic Wave Systems and Devices	191	403	2.8	2.4
Chemistry: Electrical and Wave Energy	195	230	2.0	2.4

"High Tech" patent classes whose WA growth ranking is lower than that for the US.

"HIGH TECH" PATENT CLASSES[1]	WA PATENT RANK[2]	US PATENT RANK[2]	1990-94	1995-99
Computer Graphics Processing, Operator Interface, Visual Display Systems	7	5	7.0	64.2
Electrical Computers and Digital Processing Systems: Coordinating	11	2	2.8	29.6
Data Processing: Financial, Business Practice, Management, Cost/Pricing	30	22	1.4	9.0
Data Processing: Speech Signal, Linguistics, Language, and Audio	36	26	1.2	8.6
Surgery (class 600)	43	40	19.2	45.0
Telecommunications	44	9	2.2	16.0
Information Processing System Organization	65	7	2.8	15.8
Hazardous or Toxic Waste Destruction or Containment	69	36	0.4	1.6
Data Processing: Generic Control Systems or Specific Applications	87	92	1.6	5.0
Drug, Bio-Affecting and Body Treating Compositions	96	19	10.4	30.6
Multiplex Communications	106	13	1.4	7.8
Chemistry: Analytical and Immunological Testing	108	80	3.4	6.0
Electrical Computers and Digital Data Processing Systems: Input/Output	117	10	2.4	10.4
Chemistry: Molecular Biology and Microbiology	139	1	23.8	61.4
Active Solid-State Devices (e.g., Transistors, Solid-State Diodes)	164	17	2.8	5.6
Drug, Bio-Affecting and Body Treating Compositions	204	8	13.2	26.8
Optics: Measuring and Testing	208	56	5.6	8.0
Electrical Computers and Digital Processing Systems: Support	222	12	2.4	9.8
Surgery (class 604)	251	69	11.8	15.8
Electrical Computers and Digital Processing Systems: Memory	260	15	2.6	7.4
Electricity: Measuring and Testing	262	94	18.2	20.8
Coded Data Generation or Conversion	280	59	4.2	5.4
Communications: Directive Radio Wave Systems and Devices, i.e. Radar	296	122	4.4	4.4
Communications: Electrical	306	28	12.4	14.0
Data Processing: Measuring, Calibrating, or Testing	316	47	4.8	5.4
Measuring and Testing	334	68	21.6	20.4
Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins	351	38	14.2	23.8

[1] The 40 patent classes that look to be related to the WA "High Tech" definition. There are 394 patent classes in total.

[2] For WA and US ranking methodologies see the "Patent Ranking by SIC" table and the technical notes.