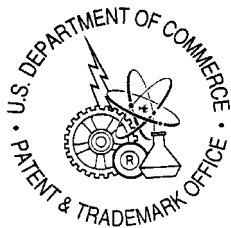


PATENT COUNTS BY COUNTRY/STATE AND YEAR

ALL PATENTS, ALL TYPES

JANUARY 1, 1977 -- DECEMBER 31, 1998



March 1999
U.S. PATENT AND TRADEMARK OFFICE
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tel (703) 306-2600 / FAX (703) 306-2737

A TECHNOLOGY ASSESSMENT AND FORECAST REPORT

PATENT COUNTS BY COUNTRY/STATE AND YEAR

ALL PATENTS, ALL TYPES

1/1/1977 - 12/31/1998

This report shows the number of U.S. patents distributed by state or country of origin. It includes utility patents and other types of U.S. documents (i.e., design patents, plant patents, reissues, defensive publications, and statutory inventions registrations) granted between January 1, 1977 and December 31, 1998. The origin of a patent is determined by the residence of the first-named inventor.

There is a total given for U.S. origin patents. The total at the end of the report includes both state and country counts.

STATE/COUNTRY	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
ALABAMA	214	209	162	212	215	204	215	217	296	312	326	287	353	365	376	299	323	338	359	336	345	423	6386
ALASKA	27	22	17	22	18	16	13	13	25	28	21	20	37	30	48	47	59	55	49	50	60	75	752
ARIZONA	438	478	349	485	516	477	525	521	578	656	717	682	787	738	894	904	930	1054	1120	1153	1162	1678	16842
ARKANSAS	108	95	71	84	87	81	88	81	70	87	96	99	131	151	154	178	159	159	143	164	152	183	2621
CALIFORNIA	6359	6116	4718	5669	6050	5276	5112	5708	6111	5979	7106	6896	8445	7934	9025	9105	9574	10407	10825	11957	12916	17831	179119
COLORADO	604	581	462	538	597	512	472	573	581	582	713	675	880	829	865	950	1058	1181	1207	1320	1345	1916	18441
CONNECTICUT	1426	1368	1098	1201	1341	1152	1182	1401	1453	1433	1511	1493	1707	1513	1621	1620	1750	1834	1768	1684	1644	2071	33271
DELAWARE	401	380	224	293	344	258	258	289	283	291	362	342	447	433	537	543	525	452	442	472	370	425	8371
FLORIDA	1089	1024	776	1166	1265	976	951	1169	1245	1338	1544	1513	1937	1905	1951	2114	2117	2298	2466	2509	2552	3116	37021
GEORGIA	313	384	299	367	412	387	377	428	444	449	554	501	705	724	757	812	862	963	1047	1135	1112	1496	14528
HAWAII	37	39	30	35	44	30	34	39	38	46	46	62	71	85	80	81	106	99	84	104	93	93	1376
IDAHO	74	65	64	85	92	80	71	64	66	101	92	91	169	192	225	262	359	370	329	393	597	898	4739
ILLINOIS	3572	3384	2491	2991	2857	2587	2351	2855	2793	2608	2895	2621	3102	2937	3191	3290	3321	3321	3478	3674	3539	4366	68224
INDIANA	985	1043	746	940	1031	977	952	1013	987	924	1055	995	1060	1050	1141	1094	1105	1166	1281	1417	1331	1560	23853
IOWA	422	362	257	336	370	319	310	375	359	369	390	355	427	388	414	407	434	459	486	485	450	719	8893
KANSAS	284	301	196	267	253	197	196	254	240	207	243	252	307	328	313	325	316	327	319	348	322	404	6199
KENTUCKY	265	292	212	279	285	288	250	279	317	283	278	273	277	310	372	297	323	339	341	397	350	404	6711
LOUISIANA	334	328	236	311	334	275	291	386	413	385	432	368	475	506	503	526	482	442	413	444	408	542	8834
MAINE	50	79	53	67	93	65	78	88	81	71	99	89	125	115	108	129	143	140	137	113	109	144	2176
MARYLAND	827	820	608	779	788	718	669	690	721	684	809	685	891	900	991	1080	1087	1178	1099	1208	1263	1574	20069
MASSACHUSETTS	1801	1838	1358	1676	1801	1506	1468	1768	1741	1615	1931	1789	2139	2111	2209	2451	2502	2644	2427	2713	2831	3735	46054
MICHIGAN	2403	2461	1807	2267	2412	1885	1824	2207	2197	2240	2364	2314	2768	2705	3022	3030	3111	3218	3046	3457	3075	3829	57642
MINNESOTA	929	979	732	905	985	859	902	1005	1143	1018	1259	1200	1451	1476	1536	1599	1771	1965	1943	2000	2059	2779	30495
MISSISSIPPI	68	70	62	74	82	56	60	80	72	71	94	110	112	130	124	148	141	163	138	167	182	200	2404
MISSOURI	616	709	443	673	693	555	501	567	556	537	607	538	705	704	803	821	749	759	819	762	870	1049	15036
MONTANA	44	57	34	54	68	41	39	56	70	60	88	53	87	74	98	103	108	98	141	141	105	149	1768
NEBRASKA	118	131	104	105	132	118	105	123	114	147	128	139	131	145	171	158	190	185	150	187	185	233	3199
NEVADA	98	107	77	91	101	112	117	97	76	76	98	85	134	128	193	169	183	212	216	233	226	332	3161
NEW HAMPSHIRE	160	176	124	170	189	204	184	171	223	255	249	238	319	329	359	363	404	456	460	469	503	648	6653
NEW JERSEY	3618	3626	2581	3133	3283	2900	2859	3203	3186	2977	3072	2798	3283	3114	3309	3141	3245	3258	3065	3385	3460	4206	70702
NEW MEXICO	103	90	65	115	109	99	106	145	157	150	181	172	188	205	246	253	261	261	280	242	281	363	4072
NEW YORK	4494	4309	2950	3699	3849	3387	3142	3631	3809	3592	3943	3651	4483	4524	4966	4968	5359	5448	5266	5816	5422	7114	97822
NORTH CAROLIN	515	535	395	543	585	485	456	596	589	627	751	742	875	848	980	944	1069	1191	1255	1454	1501	1842	18778
NORTH DAKOTA	46	50	26	31	40	33	30	43	38	52	45	39	62	51	72	68	67	61	63	72	50	69	1108
OHIO	2737	2780	1955	2340	2566	2286	2119	2375	2522	2340	2637	2383	2862	2730	2937	2953	2979	3101	2986	3173	3295	3898	59954
OKLAHOMA	592	656	473	636	700	587	602	763	751	658	658	566	648	633	630	653	681	621	545	542	453	542	13590
OREGON	321	359	255	344	363	315	278	376	415	417	585	611	718	640	690	696	821	782	870	965	1103	1560	13484
PENNSYLVANIA	3119	3010	2216	2620	2762	2349	2274	2692	2466	2554	3043	2571	2985	2826	2942	2906	3003	3086	2927	3226	2934	3762	62273
RHODE ISLAND	170	183	111	150	138	125	134	148	155	131	125	146	204	181	234	242	276	278	263	291	303	357	4345
SOUTH CAROLIN	245	294	198	236	285	247	271	299	326	268	324	332	445	408	450	500	502	510	521	518	499	682	8360
SOUTH DAKOTA	37	42	17	26	33	42	27	25	39	35	44	37	36	41	39	43	44	47	44	49	53	57	857
TENNESSEE	384	360	337	404	450	371	379	425	404	376	389	497	576	564	590	594	638	685	708	719	745	912	11507
TEXAS	2000	2064	1600	1921	2075	1938	2040	2429	2484	2496	2901	2552	3391	3193	3493	3681	3744	4268	4313	4511	4449	5979	67522
UTAH	212	179	192	218	209	202	193	236	269	242	308	268	364	369	407	436	473	483	554	603	666	731	7814
VERMONT	71	82	41	63	93	73	70	92	101	95	103	100	134	145	119	133	153	172	171	282	290	342	2925
VIRGINIA	631	565	445	555	612	551	520	589	640	570	630	543	785	831	946	988	984	972	944	967	917	1163	16348
WASHINGTON	548	547	427	540	545	509	502	544	648	624	775	723	992	953	1082	1024	1073	1150	1257	1330	1510	2000	19303
WEST VIRGINIA	151	199	134	149	176	131	131	135	115	134	135	125	165	167	170	188	182	164	151	139	165	211	3417
WISCONSIN	877	831	618	793	817	773	778	836	890	882	1032	1019	1266	1215	1264	1340	1339	1390	1426	1522	1527	1880	24315
WYOMING	33	40	29	39	35	28	28	34	30	43	50	28	35	37	51	34	43	53	75	45	60	49	899

PATENTS BY COUNTRY/STATE AND YEAR - ALL PATENT TYPES (31 DEC 1998)

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STATE/COUNTRY	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
CANAL ZONE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DISTRICT OF C	56	63	65	53	45	46	38	34	48	36	54	44	57	48	67	68	61	48	63	42	59	85	1180
GUAM	0	0	0	0	0	0	0	0	0	3	0	0	2	0	1	0	1	0	2	2	2	5	18
PUERTO RICO	21	19	11	13	21	16	16	25	17	23	21	13	25	16	18	23	24	29	24	25	14	21	435
U.S. PACIFIC	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
UNITED STATES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	4	3	1	5	5	0	30
VIRGIN (U.S.)	1	3	2	6	2	1	2	2	2	0	3	3	0	2	3	1	3	2	3	2	2	3	48
U.S. TOTALS	45049	44784	32953	40769	43248	37705	36590	42195	43394	42177	47916	44728	54760	52976	57790	58791	61221	64345	64510	69419	69922	90705	1145947
ALGERIA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
ANDORRA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	2	5
ANGUILLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
ANTIGUA AND B	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	0	0	8
ARAB EMIRATES	0	0	0	0	0	0	2	2	2	1	1	0	2	1	2	1	1	1	1	1	0	1	19
ARGENTINA	21	22	24	20	25	18	24	22	12	18	18	18	23	19	19	23	25	37	32	32	38	46	536
ARMENIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
ARUBA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
AUSTRALIA	270	320	241	300	367	343	304	348	413	452	459	486	586	517	571	497	470	564	548	566	568	830	10020
AUSTRIA	273	283	226	268	283	237	272	271	328	378	373	351	412	423	388	403	340	316	359	387	393	408	7372
AZERBAIJAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
THE BAHAMAS	4	8	4	6	9	2	4	5	5	0	2	3	5	2	8	2	3	2	4	3	10	10	101
BAHRAIN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
BARBADOS	2	0	0	0	0	0	0	0	0	2	1	1	1	0	0	1	0	0	0	0	0	0	8
BELARUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	2	8	19
BELGIUM	273	275	191	261	280	234	217	272	253	266	323	328	377	352	366	371	377	392	419	516	561	755	7659
BERMUDA	1	0	1	1	2	2	1	2	1	4	4	4	6	1	2	2	1	1	1	2	1	2	42
BOLIVIA	1	1	0	1	1	0	0	0	1	0	3	0	1	0	0	0	0	0	0	1	0	1	11
BRAZIL	22	25	19	24	23	31	23	21	30	27	35	37	39	45	66	43	59	61	70	69	67	88	924
BRUNEI	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
BULGARIA	33	32	14	23	27	13	19	22	21	21	32	23	16	27	10	5	5	4	1	1	5	4	358
CANADA	1335	1317	941	1193	1279	1158	1103	1324	1451	1451	1770	1643	2124	2087	2303	2218	2231	2380	2447	2639	2817	3537	40748
CAYMAN ISLAND	1	0	1	0	0	2	1	0	1	0	0	1	0	1	1	4	1	1	2	3	6	6	32
CHAD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHILE	4	4	1	5	2	1	2	4	2	2	5	7	3	2	8	5	10	8	7	4	6	17	109
CHINA P.REP.	1	0	1	1	3	0	1	6	1	11	23	48	52	48	52	41	53	48	63	48	66	89	656
COCOS ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
COLOMBIA	2	7	4	3	5	4	5	6	4	5	6	6	4	6	4	6	6	5	5	6	10	4	113
CONGO, DEMOCR	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
COOK ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
COSTA RICA	1	9	4	4	7	3	0	0	13	6	3	3	1	2	4	1	5	7	10	6	7	5	101
CROATIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	6	4	10	14	37
CUBA	1	1	2	1	1	0	0	2	1	1	1	0	1	0	0	0	2	4	0	0	4	5	27
CYPRUS	0	0	1	1	0	1	0	1	0	2	0	1	3	3	0	0	1	3	3	0	2	0	22
CZECH REPUBLI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	14	17	38
CZECHOSLOVAKI	93	91	50	56	42	50	38	33	54	35	47	33	34	39	27	18	15	20	15	9	10	9	818
DENMARK	166	188	119	169	138	138	144	165	224	212	246	208	261	204	285	275	261	313	314	334	432	499	5295
DOMINICAN REP	0	1	0	0	1	0	1	2	0	1	0	0	2	1	2	0	1	0	1	0	0	0	13
ECUADOR	1	0	1	1	1	0	0	0	1	3	1	0	1	2	3	1	1	2	0	0	1	6	26
EGYPT	0	0	0	2	2	2	0	3	3	2	1	0	4	1	3	1	1	4	3	3	1	1	37
EL SALVADOR	2	3	0	0	0	0	1	0	0	1	0	2	0	0	0	0	0	0	1	0	1	1	12

STATE/COUNTRY	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
ESTONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	4
FAROE ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
FINLAND	109	136	81	134	155	150	133	177	223	226	293	239	251	315	343	381	311	341	387	453	468	629	5935
FR. POLYNESIA	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
FRENCH GUIANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
FRANCE	2195	2173	1677	2150	2281	2075	2018	2283	2516	2510	2990	2792	3299	3093	3249	3282	3155	2985	3010	3016	3202	3991	59942
GEORGIA (REPU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
GERMANY	5653	5995	4620	5895	6454	5620	5625	6478	6906	7045	8093	7547	8614	7862	7984	7605	7186	6989	6874	7125	7292	9581	153043
GHANA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
GREECE	11	6	6	3	8	11	12	24	12	21	16	15	11	10	13	9	8	16	8	18	12	17	267
GREENLAND	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
GUADELOUPE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
GUATEMALA	4	0	0	0	1	0	0	2	2	0	2	0	1	2	4	0	1	2	0	2	2	2	27
GUYANA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3
HAITI	0	0	1	2	1	3	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	11
HONDURAS	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	1	1	1	4	13
HONG KONG,S.A	29	29	31	49	67	68	59	68	66	111	91	104	134	151	209	159	182	220	248	247	261	372	2955
HUNGARY	80	67	64	87	98	113	106	112	108	131	128	94	130	93	86	89	62	48	51	43	25	52	1867
ICELAND	0	3	2	0	0	0	2	2	3	3	4	3	5	3	0	6	5	4	4	4	3	7	63
INDIA	14	14	14	4	6	4	14	12	11	18	12	14	15	23	24	24	30	28	38	37	48	94	498
INDONESIA	0	2	1	1	1	5	0	1	2	4	0	2	4	3	2	9	5	9	7	2	13	10	83
IRAN	1	7	3	2	2	0	0	0	0	0	1	1	1	2	2	1	1	2	2	0	1	0	29
IRAQ	1	0	0	1	0	0	0	1	1	0	1	2	2	0	0	0	0	0	0	0	0	0	9
IRELAND	18	21	10	21	18	25	20	35	31	32	40	47	71	61	61	61	59	52	59	88	78	81	989
ISRAEL	95	102	86	117	124	116	113	167	185	197	257	249	339	311	321	350	358	388	432	525	577	820	6229
ITALY	802	754	624	847	931	799	686	870	1013	1102	1285	1173	1425	1498	1388	1446	1453	1361	1242	1385	1417	1819	25320
IVORY COAST	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
JAMAICA	2	2	0	2	0	0	0	1	2	2	1	0	0	1	1	1	0	0	2	1	0	1	19
JAPAN	6500	7194	5468	7401	8758	8656	9212	11648	13351	13864	17294	16989	21106	20743	22402	23164	23411	23517	22871	24059	24191	32119	363918
JORDAN	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	4	3	12
KAZAKHSTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3
KENYA	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	2	1	0	2	1	1	11
KUWAIT	0	0	0	0	0	0	0	0	0	3	6	1	4	2	1	1	2	1	1	2	2	6	32
KYRGYZSTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
LATVIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
LEBANON	0	3	0	0	1	1	1	0	5	1	0	0	1	1	1	1	1	1	1	0	1	3	23
LIBERIA	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
LIECHTENSTEIN	11	10	8	18	22	19	12	17	13	18	16	11	14	16	12	16	11	17	18	12	12	16	319
LITHUANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	6
LUXEMBOURG	16	16	21	16	35	26	27	30	41	36	25	38	39	27	42	36	41	44	34	27	42	46	705
MACAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
MADAGASCAR	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MALAWI	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MALAYSIA	4	1	2	1	1	1	5	3	3	4	2	2	2	6	13	11	19	16	8	24	29	35	192
MALTA	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	2	9
MARTINIQUE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MAURITANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
MAURITIUS	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	1	0	0	0	5
MEXICO	43	32	38	43	46	43	34	43	35	37	54	45	41	34	42	45	50	52	45	46	57	77	982
MONACO	8	8	2	8	5	5	5	5	11	3	3	4	7	6	7	5	5	7	4	6	8	7	129

STATE/COUNTRY	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL
MOROCCO	6	1	0	0	0	0	1	2	2	0	0	2	2	0	1	0	1	0	2	1	0	2	23
MYANMAR	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
NETH. ANTILLE	0	0	2	2	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	1	1	1	10
NETHERLANDS	733	683	541	680	667	651	661	754	834	809	998	899	1162	1046	1075	974	944	998	894	886	895	1382	19166
NEW CALEDONIA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
NEW GUINEA	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
NEW ZEALAND	36	47	28	58	57	55	44	65	50	64	80	70	75	65	50	60	51	54	60	78	109	145	1401
NICARAGUA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
NIGERIA	1	3	0	2	2	0	0	0	1	0	0	0	0	0	1	2	0	1	0	0	2	2	17
NORFOLK ISLAN	0	0	0	0	0	0	0	0	0	4	1	0	0	1	0	0	0	0	0	0	0	0	6
NORTH KOREA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
NORWAY	117	93	81	86	98	75	79	106	106	89	163	137	141	119	119	121	127	130	138	150	157	232	2664
OMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
PAKISTAN	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	1	2	0	2	13
PANAMA	2	2	0	2	0	1	1	0	2	1	2	1	0	1	2	0	1	0	1	1	0	0	20
PARAGUAY	0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	5
PERU	3	0	3	0	3	2	1	1	0	0	1	1	5	5	2	5	2	2	3	4	2	5	50
PHILIPPINES	8	9	5	2	8	7	5	1	5	1	5	4	8	8	8	7	5	1	4	4	21	19	145
POLAND	24	33	29	37	38	26	20	15	11	14	13	8	14	17	8	5	8	9	8	16	11	19	383
PORTUGAL	4	4	0	2	4	12	5	1	6	2	6	5	11	7	8	8	3	7	3	4	8	12	122
ROMANIA	18	11	10	14	10	5	2	5	3	2	5	1	0	1	1	0	2	1	3	4	1	3	102
RUSSIAN FEDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	38	99	118	112	194	564
SAINT KITTS A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
SAN MARINO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
SAUDI ARABIA	1	0	0	2	1	0	5	4	4	7	6	2	7	7	5	8	4	11	10	12	14	14	124
SENEGAL	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
SINGAPORE	5	2	0	3	4	3	5	4	10	4	12	8	22	16	25	35	44	59	61	97	100	136	655
SLOVAKIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	6
SLOVENIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	5	13	7	20	59
SOLOMON ISLAN	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SOUTH AFRICA	73	86	66	78	115	73	62	86	97	91	113	107	143	122	111	101	109	127	116	114	132	2223	
SOUTH KOREA	7	13	5	9	18	18	27	34	50	55	105	126	183	290	449	586	830	1008	1240	1567	1965	3362	11947
SPAIN	101	97	57	71	59	56	73	73	85	100	124	132	148	148	185	149	184	172	168	187	193	308	2870
SRI LANKA	2	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	0	1	2	2	2	16
ST. VINCENT/G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
SWAZILAND	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SWEDEN	945	890	639	895	862	804	709	829	954	1022	1089	891	926	885	831	727	742	800	914	971	970	1346	19641
SWITZERLAND	1401	1353	1053	1293	1281	1200	1073	1219	1274	1257	1441	1299	1420	1347	1448	1294	1198	1244	1187	1192	1179	1373	28026
SYRIA	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	2	0	0	0	0	0	0	5
TAIWAN	53	33	39	71	87	99	71	118	199	269	411	536	688	861	1096	1253	1510	1814	2087	2419	2597	3805	20116
TANZANIA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
THAILAND	1	0	1	3	2	0	2	1	1	3	1	2	4	3	2	2	17	8	10	11	11	21	106
TRINIDAD/TOBA	5	4	3	0	2	0	0	0	0	0	2	4	1	1	1	2	0	4	0	2	1	2	34
TUNISIA	1	0	1	2	1	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	0	11
TURKEY	1	1	3	1	2	0	0	2	1	10	3	2	3	3	1	4	0	2	2	3	5	2	51
TURKS AND CAI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
U.S.S.R.	396	412	360	463	382	211	223	216	149	117	121	97	162	177	182	67	67	57	12	16	4	6	3897
UGANDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3
UKRAINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8	15	8	17	57
UNITED KINGDO	2773	2861	1991	2498	2604	2275	2076	2421	2620	2638	2965	2754	3277	3017	3049	2632	2521	2469	2681	2674	2904	3726	59426

STATE/COUNTRY	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	TOTAL	
URUGUAY	0	0	0	0	19	22	13	6	13	3	1	1	2	3	0	2	0	0	2	2	4	3	96	
UZBEKISTAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	4	
VANUATU (NEW	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VENEZUELA	1	3	12	11	12	12	5	11	15	23	25	20	23	20	25	24	34	28	31	30	26	29	420	
VIRGIN (BRITI	0	0	0	0	0	0	0	1	3	1	0	0	1	0	1	1	1	2	0	0	3	3	17	
YEMEN	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	
YUGOSLAVIA	6	9	6	16	9	11	11	17	17	4	16	20	18	24	25	18	25	15	6	6	6	4	289	
ZIMBABWE	3	1	0	2	0	0	2	0	0	1	0	3	2	0	1	0	1	4	1	1	0	0	22	
TOTAL	69886	70604	52498	66219	71114	63307	62016	72681	77273	77041	89598	84439	102690	99219	106842	107511	109890	113704	113955	121806	124146	163209	2019648	