

PART VI

British Columbia Forest Industry Statistical Tables

BRITISH COLUMBIA MATURE STANDING TIMBER VOLUMES – 1999

(million cubic metres)

TABLE 1

Species	Timber Supply Areas			Tree Farm Licence Areas			Total TSA & TFL		
	Coast	Interior	Total Province	Coast	Interior	Total Province	Coast	Interior	Total Province
Spruce	97	1,419	1,516	26	128	154	123	1,547	1,669
Hemlock	595	307	902	375	68	444	970	375	1,345
Balsam	248	887	1,136	156	75	231	404	962	1,366
Lodgepole Pine	29	1,509	1,538	1	72	73	29	1,581	1,610
Douglas Fir	99	290	389	36	18	54	134	308	443
Red Cedar	308	92	400	136	15	151	444	107	552
Yellow Cedar	114	0	114	52	—	52	166	0	166
Larch	—	28	28	—	4	4	—	33	33
Yellow Pine	*	11	11	—	*	*	*	11	11
White Pine	*	6	6	*	1	1	*	6	7
Miscellaneous	*	10	10	—	*	*	*	10	11
TOTAL SOFTWOOD	1,489	4,560	6,049	781	381	1,162	2,270	4,940	7,212
Aspen	*	263	263	—	7	7	*	270	270
Cottonwood	6	57	64	1	3	4	7	60	64
White Birch	1	29	30	1	1	1	1	30	30
Alder	6	—	6	2	—	2	6	1	6
Maple	2	—	2	*	—	—	2	—	2
Miscellaneous	—	—	—	—	—	—	—	—	—
TOTAL HARDWOOD	15	349	363	4	10	14	16	360	371
TOTAL ALL SPECIES	1,504	4,909	6,412	785	391	1,176	2,286	5,301	7,583

*Less than .5 million cubic metres

Note: Above data represent gross volumes less decay, waste and breakage.

May not add due to rounding.

Source: MOF

BRITISH COLUMBIA TREES PLANTED 1990–1999

(thousands) **TABLE 2**

Year*	Cariboo	Kamloops	Nelson	Prince George	Prince Rupert	Vancouver	Total
1989/90	22,425	27,231	24,810	76,018	37,815	22,123	210,422
1990/91	24,353	36,519	29,793	90,191	42,081	26,848	249,785
1991/92	24,301	34,725	22,183	79,506	40,587	28,261	229,563
1992/93	22,233	37,188	21,841	79,947	33,557	20,841	215,607
1993/94	25,451	34,328	17,824	94,014	32,848	22,150	226,615
1994/95	31,539	42,510	21,422	95,326	30,765	30,705	252,269
1995/96	38,444	42,929	25,292	90,314	35,382	28,310	260,671
1996/97	28,926	36,773	24,049	88,661	29,647	26,359	234,415
1997/98	32,662	37,285	20,367	86,823	28,577	26,926	232,640
1998/99	34,924	34,523	21,182	78,169	29,450	34,028	232,276

Source: MOF Annual Report

* Fiscal year basis (April 1 – March 31)

BRITISH COLUMBIA LOG PRODUCTION 1990–1999

(thousand cubic metres) **TABLE 3**

Year	Coast Forest Regions	Interior Forest Regions	Total
1990	25,209	53,108	78,317
1991	24,760	48,916	73,676
1992	23,526	50,478	74,004
1993	25,684	53,555	79,239
1994	25,215	50,435	75,650
1995	25,959	50,512	76,471
1996	22,926	52,287	75,213
1997	22,341	46,287	68,628
1998	19,588	46,396	65,984
1999	24,441	52,519	76,960

Source: MOF

BRITISH COLUMBIA LOG EXPORTS BY COUNTRY OF DESTINATION 1990–1999

(thousand cubic metres) **TABLE 4**

Year	U.S.A.	Japan	China	S. Korea	Taiwan	Other	Total
1990	38.0	714.0	—	30.1	2.0	20.0	804.1
1991	26.8	701.6	—	34.7	2.5	2.1	767.7
1992	168.8	919.9	—	48.7	1.3	0.6	1,139.3
1993	399.2	528.4	—	91.5	0.2	0.2	1,019.5
1994	350.2	334.4	—	49.5	0.4	0.3	734.8
1995	429.6	133.6	—	47.5	0.4	0.7	611.8
1996	238.5	50.0	—	21.4	0.5	1.3	311.7
1997	101.0	47.4	0.3	5.5	0.4	34.9*	189.5
1998	424.8	418.0	0.0	1.7	1.0	26.3	871.8
1999	994.4	746.7	0.0	5.9	4.3	1.0	1,752.3

Source: Statistics Canada

* Under review by Statistics Canada

BRITISH COLUMBIA LOG EXPORTS BY DESTINATION AND SPECIES 1999

(thousand cubic metres) **TABLE 5**

Species	U.S.A.	Japan	China	South Korea	Other	Total
SOFTWOOD						
Cedar	71.3	12.0	—	—	1.0	84.3
D. Fir	326.4	4.9	—	1.1	3.1	336.3
Hemlock	512.5	674.2	—	3.4	0.0	1,190.1
Spruce	20.3	55.4	—	1.1	0.0	76.8
Softwood NES	31.5	0.2	—	0	0.2	31.9
HARDWOOD						
Poplar/Cottonwood	20.5	0.0	—	—	—	20.5
Hardwood NES	11.9	0.0	—	0.4	0.3	12.4
TOTAL	994.4	746.7	0.0	5.9	4.4	1,752.3

Source: Statistics Canada

BRITISH COLUMBIA LOG PRODUCTION BY SPECIES AND FOREST REGION *1999

(thousand cubic metres)

TABLE 6

Forest Region	Douglas Fir	Cedar	Spruce	Lodge-pole Pine	Hemlock	Balsam	White Pine	Cypress	Larch	Hard-Wood	Other	Total
Vancouver	5,250	4,495	333	37	5,884	2,148	31	747	0	317	536	19,778
Prince Rupert	1	232	1,205	2,231	1,670	2,104	*	21	0	39	129	7,632
Cariboo	799	97	1,368	5,343	81	274	1	0	*	160	114	8,237
Prince George	385	97	6,221	6,115	151	1,897	1	0	2	1,947	267	17,083
Kamloops	1,762	521	1,872	3,051	366	936	60	0	104	65	114	8,851
Nelson	1,120	579	943	1,675	459	506	73	0	517	12	145	6,029
TOTAL COAST	5,250	4,638	394	37	6,007	2,203	31	767	0	319	547	20,193
TOTAL INTERIOR	4,067	1,383	11,548	18,415	2,604	5,661	134	1	623	2,222	758	47,416
TOTAL PROVINCE	9,317	6,021	11,942	18,452	8,611	7,864	165	768	623	2,541	1,305	67,609

* Data is for fiscal year 1998/99

Source: MOF Revenue Branch

Note: May not add due to rounding.

BRITISH COLUMBIA LOG PRODUCTION BY SPECIES 1990-1999

(thousand cubic metres)

TABLE 7

Year	Douglas Fir	Cedar	Spruce	Lodge-pole Pine	Hemlock	Balsam	White Pine	Yellow Pine	Cypress	Larch	Hard-wood	Other*	Total
1990	7,840	7,639	16,333	20,186	13,013	10,556	206	147	830	503	866	197	78,316
1991	7,293	7,222	14,242	19,311	12,516	10,173	200	77	895	404	1,141	202	73,676
1992	7,182	7,103	15,164	19,237	11,800	10,744	176	71	870	387	1,069	201	74,004
1993	7,893	7,670	16,448	18,520	13,414	12,190	196	84	958	465	1,157	244	79,239
1994	7,773	6,685	14,809	18,266	12,587	11,699	237	141	1,097	472	1,547	337	75,650
1995	8,206	7,323	13,555	18,252	12,816	11,437	214	123	1,227	446	2,276	596	76,471
1996	8,251	6,510	14,249	20,431	10,860	10,643	175	73	1,106	560	1,908	447	75,213
1997	8,258	6,338	12,024	18,474	10,002	9,240	185	56	1,027	510	2,229	286	68,629
1998	8,293	6,087	12,265	17,654	8,400	8,032	161	N/A	786	561	2,367	1,377	65,984
1999	10,955	6,625	12,540	21,957	10,490	8,822	173	42	842	579	2,610	1,324	76,959

Source: MOF

*Other species includes Whitebark Pine, Yellow Pine and Yew. Also includes waste and firmwood rejects of all species.

BRITISH COLUMBIA LUMBER PRODUCTION BY SPECIES 1999

(million board feet)

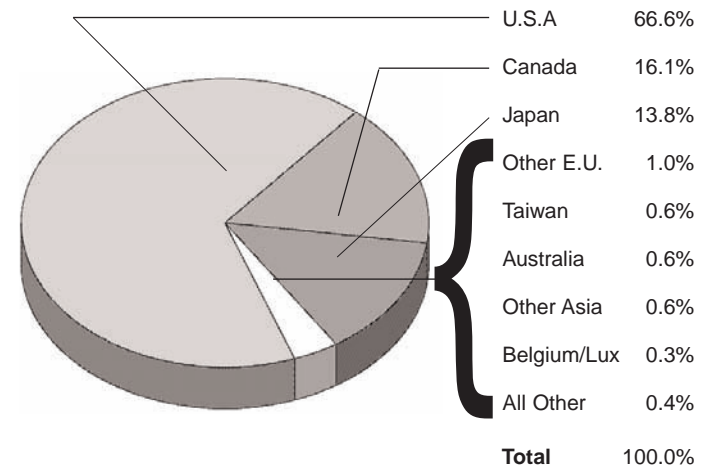
TABLE 8

Species	Coast	%	Interior	%	Total	%
Douglas Fir/Larch	495.0	17.6	495.5	4.6	990.5	7.3
Red Cedar	753.9	26.8	174.6	1.6	928.5	6.9
Yellow Cedar	125.0	4.5	0.4	0.0	125.4	0.9
HemFir	1,289.7	45.9	406.5	3.8	1,696.2	12.6
Sitka Spruce	39.0	1.4	13.8	0.1	52.8	1.0
S-P-F	106.2	3.8	9,556.8	89.5	9,662.9	71.6
All Other Softwoods	0.4	0.0	33.1	0.3	33.5	0.2
TOTAL SOFTWOODS	2,809.3	100.0	10,680.6	100.0	13,489.9	100.0
Hardwoods	0.0	0.0	0.0	0	0.0	0.0
TOTAL LUMBER	2,809.3	100.0	10,680.6	100.0	13,489.9	100.0
Production Share	20.8%		79.2%		100.0%	

Source: Statistics Canada

Note: May not add due to rounding.

1999 B.C. LUMBER SHIPMENTS BY MARKET
TABLE 9



BRITISH COLUMBIA LUMBER SHIPMENTS 1990 - 1999

(million board feet)

TABLE 10

Destination		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
CANADA		TOTAL	3,240.9	3,038.4	2,871.3	2,405.7	1,860.9	1,369.7	1,673.3	1,900.0	2,024.9	2,095.2
U.S.A. N. EAST	Road	164.2	181.3	244.7	285.1	287.2	238.1	317.5	255.9	303.7	348.2	
	Rail	369.1	370.3	559.1	579.8	623.0	637.9	590.4	714.4	703.2	747.6	
	Water	272.4	157.3	128.7	122.3	112.0	144.4	64.5	87.9	131.4	110.9	
	TOTAL	805.7	708.9	932.5	987.2	1,022.2	1,020.4	972.4	1,058.2	1,138.3	1,206.7	
N. CENTRAL	Road	400.2	397.9	316.9	353.8	425.9	393.4	476.9	396.6	391.3	424.5	
	Rail	1,685.6	1,894.1	2,173.0	2,343.9	2,267.4	2,117.3	1,972.4	2,007.9	1,959.5	2,017.7	
	Water											
	TOTAL	2,085.8	2,292.0	2,489.9	2,697.7	2,693.3	2,510.7	2,449.3	2,404.5	2,350.8	2,442.2	
S. ATLANTIC	Road	41.8	47.3	58.7	74.2	70.7	97.1	123.9	91.6	94.7	120.6	
	Rail	863.3	1,046.7	1,388.0	1,325.3	1,431.2	1,323.6	1,057.1	1,120.9	1,100.9	1,066.6	
	Water	170.5	158.3	178.0	158.0	129.3	79.9	49.7	90.8	64.3	28.3	
	TOTAL	1,075.7	1,252.3	1,624.7	1,557.5	1,631.2	1,500.6	1,230.7	1,303.3	1,259.9	1,215.5	
SOUTH	Road	49.9	78.9	133.6	104.6	130.4	136.8	144.3	100.3	111.3	121.5	
	Rail	665.0	663.3	628.0	756.5	893.3	889.6	871.5	939.2	1,004.6	997.3	
	Water	48.6	94.7	150.8	154.5	146.2	101.1	130.1	117.3	135.7	119.8	
	TOTAL	763.5	836.9	912.4	1,015.6	1,169.9	1,127.5	1,145.9	1,156.8	1,251.6	1,238.5	
WEST	Road	1,821.7	1,476.5	1,655.6	1,787.2	2,004.1	2,283.3	2,206.0	2,010.2	1,774.1	1,652.1	
	Rail	667.8	540.0	485.9	705.9	766.5	922.9	1,030.3	863.7	853.2	808.7	
	Water	205.7	178.3	186.2	174.2	103.1	99.6	114.3	66.5	115.5	85.3	
	TOTAL	2,695.2	2,194.8	2,327.7	2,667.3	2,873.7	3,305.8	3,350.6	2,940.4	2,742.8	2,546.1	
TOTAL	Road	2,477.9	2,181.9	2,409.5	2,604.9	2,918.3	3,148.7	3,268.6	2,854.6	2,675.1	2,674.1	
	Rail	4,250.7	4,514.4	5,234.0	5,711.4	5,981.4	5,891.3	5,521.8	5,646.1	5,621.4	5,616.8	
	Water	697.2	588.6	643.7	609.0	490.6	425.0	358.6	362.5	446.9	368.4	
	TOTAL	7,425.8	7,284.9	8,287.2	8,925.3	9,390.3	9,465.0	9,149.0	8,863.2	8,743.4	8,659.1	
ASIA/AUSTRALIA												
JAPAN		1,669.2	1,904.4	1,962.8	2,271.4	2,246.3	2,420.5	2,616.2	2,130.2	1,575.5	1,795.3	
CHINA		3.1	5.8	29.5	92.1	19.5	17.5	19.0	8.3	8.7	10.0	
SOUTH KOREA		13.2	24.8	22.3	39.6	18.8	22.2	21.9	17.0	4.1	14.2	
TAIWAN		28.3	46.2	137.9	96.4	124.0	136.0	110.0	98.7	66.7	79.6	
OTHER ASIA		2.5	3.0	12.8	31.7	16.0	23.6	26.4	35.7	30.5	55.5	
AUSTRALIA		114.1	85.1	90.2	94.9	94.8	77.7	67.9	94.6	64.6	80.2	
OTHER OCEANIA		13.2	7.0	6.4	8.7	6.7	8.7	8.1	8.7	6.3	8.0	
TOTAL		1,843.6	2,076.3	2,261.9	2,634.8	2,526.1	2,706.2	2,869.5	2,393.2	1,756.4	2,042.8	
E.U.												
AUSTRIA				85.4	75.2	62.2	58.3	53.2	60.7	36.4	39.7	
BELGIUM/LUXEMBOURG		134.5	116.9	0.3	0.6	0.4	0.6	1.5	2.4	2.7	1.9	
DENMARK		1.0	0.6									
FINLAND								0.1		0.1	0.1	
FRANCE		123.4	67.6	38.0	14.9	15.5	13.1	13.2	12.0	12.7	15.2	
GERMANY		57.7	45.8	50.3	40.5	47.5	28.7	23.4	32.0	23.7	18.0	
GREECE		0.4	0.4	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.3	
IRELAND		15.4	13.2	4.7	0.3	3.3	6.7	0.1	0.1	0.2	0.4	
ITALY		49.4	51.7	53.4	43.0	40.6	32.2	29.2	30.8	29.6	37.2	
NETHERLANDS		25.4	30.3	28.1	20.1	13.8	18.2	17.1	14.1	12.7	11.5	
SPAIN		27.9	20.1	11.5	2.0	1.6	2.1	1.1	0.8	1.3	1.2	
SWEDEN										0.2	0.0	
UNITED KINGDOM		748.1	531.1	448.9	109.5	106.0	86.5	48.9	44.2	36.2	37.5	
TOTAL		1,183.3	877.7	720.7	306.3	291.0	247.0	188.1	197.3	156.0	163.7	
OTHER EUROPE		2.6	7.1	2.8	2.1	2.2	4.1	1.7	1.1	1.7	1.4	
MIDDLE EAST		89.9	135.9	81.4	78.3	60.1	75.6	46.5	58.4	40.4	27.6	
OTHER AFRICA		179.4	92.9	20.7	26.1	0.4	0.5	0.1	0.9	0.2	0.2	
SOUTH AND CENTRAL AMERICA		1.1	2.9	9.0	0.9	0.6	0.8	0.5	1.0	0.9	0.9	
PUERTO RICO												
OTHER CARIBBEAN		0.4	0.6	1.2	0.9	0.9	1.7	1.2	1.0	0.6	0.6	
TOTAL		273.4	239.4	115.1	108.3	64.2	82.7	50.0	62.4	43.8	30.7	
TOTAL ALL SHIPMENTS		13,967.0	13,516.7	14,256.2	14,380.4	14,132.5	13,870.6	13,929.9	13,416.1	12,724.5	12,991.5	

Sources: Total all shipments — Statistics Canada Catalogue 35-003.

Shipments to Canada — Total all shipments less exports.

Exports to U.S.A. — Statistics Canada unpublished computer data collected for Statistics Canada by U.S. Customs and based upon U.S. import declarations.

Information may not be complete due to shipment of product through Canadian reload centres.

Exports other — Statistics Canada unpublished computer data collected by Canadian Customs and based upon Canadian export declarations.

 Notes: **Statistics Canada unpublished computer information excludes retroactive corrections that are made by Statistics Canada from time to time that are considered to be relatively minor.**

Shipments to U.S.A. West include Hawaii and Alaska.

From 1990 — Shipments to U.S.A. subject to revisions.

From 1995, E.U. includes

CANADA LUMBER PRODUCTION SOFTWOOD AND HARDWOOD 1990 – 1999

(million board feet)

TABLE 11

Year	SOFTWOOD										Total Hardwood	TOTAL CANADA
	British Columbia			Alberta	Sask. / Manitoba	Ontario	Quebec	New Brunswick	Nova Scotia	Total Softwood		
	Coast	Interior	Total									
1990	3,798	10,400	14,199	1,618	321	1,817	3,879	621	218	22,673	442	23,115
1991	3,465	9,843	13,308	1,750	288	1,719	3,633	572	191	21,461	413	21,874
1992	3,516	10,625	14,141	1,815	273	1,851	4,197	669	210	23,156	470	23,625
1993	3,585	10,796	14,381	1,851	333	2,117	5,023	815	249	24,769	469	25,238
1994	3,681	10,588	14,269	2,041	350	2,297	5,741	937	312	25,947	500	26,447
1995	3,313	10,506	13,819	2,325	375	2,367	5,842	1,040	325	26,093	425	26,518
1996	3,387	10,458	13,845	2,392	384	2,363	6,323	907	374	26,587	437	27,024
1997	3,032	10,344	13,375	2,553	389	2,549	6,603	1,200	423	27,092	354	27,446
1998	2,684	10,129	12,813	2,303	415	2,822	6,864	1,384	552	27,156	435	27,591
1999	2,809	10,681	13,490	2,621	624	2,744	7,344	1,387	707	28,916	445	29,362

Source: Statistics Canada

Note: May not add due to rounding.

CANADA SOFTWOOD LUMBER SHIPMENTS 1990 – 1999

(million board feet)

TABLE 12

Destination		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CANADA	TOTAL	6,846.1	6,461.7	6,645.5	6,397.2	6,035.6	4,509.2	5,142.1	6,584.9	7,167.1	6,670.0
U.S.A.	TOTAL	11,963.6	11,584.7	13,262.1	15,131.5	16,129.3	17,208.5	17,801.0	17,441.0	18,034.4	18,238.0
ASIA/AUSTRALIA											
	Japan	1,680.7	1,941.4	2,013.5	2,315.6	2,318.7	2,518.9	2,748.4	2,242.0	1,653.0	1,881.0
	China	3.2	5.8	29.5	100.6	19.6	17.5	19.5	8.5	8.8	10.0
	South Korea	13.3	25.1	22.8	39.8	19.1	22.5	23.6	18.5	4.3	14.2
	Taiwan	28.4	49.0	139.4	97.8	124.7	138.7	112.0	101.0	68.1	82.5
	Other Asia	2.5	3.1	13.2	32.3	16.5	24.7	29.2	36.8	31.2	56.0
	Australia	114.3	85.1	90.3	95.1	94.8	77.7	68.4	94.6	64.6	80.2
	Other Oceania	13.3	7.0	6.3	8.7	6.7	8.7	8.1	8.7	6.3	8.0
	TOTAL	1,855.7	2,116.5	2,315.0	2,689.9	2,600.1	2,808.7	3,009.2	2,510.1	1,836.1	2,131.9
E.U.											
	Austria						0.4	0.2	0.2	0.2	0.7
	Belgium/Luxembourg	137.6	118.5	88.7	78.0	63.8	61.0	55.0	63.3	36.5	39.8
	Denmark	3.9	4.4	1.1	0.6	0.5	0.6	1.5	2.4	2.7	1.9
	Finland						0.2	0.1	0.1	0.1	0.1
	France	165.4	100.6	40.4	15.1	15.6	13.6	15.1	13.1	13.2	15.9
	Germany	64.1	49.2	52.9	42.1	48.5	29.9	24.3	32.9	24.1	18.4
	Greece	5.8	8.7	1.5	0.3	0.1	0.3	0.1	0.1	0.1	0.1
	Ireland	31.9	25.2	8.1	1.5	4.6	8.1	1.6	2.2	2.7	2.5
	Italy	61.4	64.1	61.8	48.0	40.7	32.6	29.7	30.9	29.6	37.3
	Netherlands	35.0	32.8	31.4	21.8	14.3	19.2	17.6	15.3	15.0	13.3
	Portugal								4.6	0.1	0.1
	Spain	32.1	23.5	13.1	2.0	1.6	2.1	1.3	1.6	1.6	1.5
	Sweden						0.2	0.0	0.0	0.2	0.1
	United Kingdom	1,174.4	919.6	782.4	239.1	226.4	207.0	123.1	133.9	80.8	88.9
	TOTAL	1,711.6	1,346.6	1,081.4	448.7	416.1	375.2	269.6	300.6	206.8	220.6
OTHER EUROPE		11.0	11.6	7.5	4.1	2.9	5.1	2.3	1.5	2.0	1.4
MIDDLE EAST		137.7	258.4	163.8	151.4	101.0	149.8	108.6	124.6	67.8	54.1
OTHER AFRICA		189.6	97.9	20.8	26.1	0.4	0.6	0.1	1.0	0.4	0.3
SOUTH AND CENTRAL AMERICA		1.1	3.0	9.0	1.0	0.7	1.0	0.6	1.4	2.0	1.4
PUERTO RICO											
OTHER CARIBBEAN		4.8	3.4	3.4	2.9	2.4	4.5	3.9	4.6	4.0	3.0
OTHER NORTH AMERICA		1.9	1.4	1.1	1.0	0.6	1.0	0.6	0.3	0.2	0.6
	TOTAL	346.1	375.7	205.6	186.5	108.0	162.0	116.1	133.4	76.4	60.8
TOTAL ALL SHIPMENTS		22,723.1	21,885.2	23,509.6	24,853.8	25,289.1	25,063.6	26,338.0	26,970.0	27,320.8	27,321.3

Sources: Total all shipments — Statistics Canada.

Shipments to Canada — Total all shipments less exports.

Exports to U.S.A. — Statistics Canada unpublished computer data collected for Statistics Canada by U.S. Customs and based upon U.S. import declarations.

Exports other — Statistics Canada unpublished computer data collected by Canadian Customs and based upon Canadian export declarations.

Notes: **Statistics Canada unpublished computer information excludes retroactive corrections that are made by Statistics Canada from time to time that are considered to be relatively minor.**

Shipments to Canada include small amounts of hardwood.

From 1990, shipments to U.S.A. South include Puerto Rico and U.S. Virgin Islands.

From 1995, E.U. includes Austria, Finland and Sweden.

NUMBER OF HOUSING STARTS 1990 – 1999

(thousands)

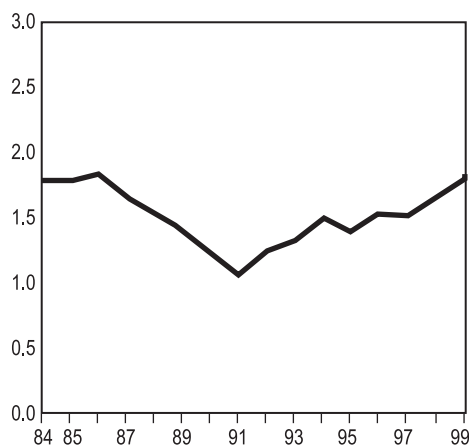
TABLE 13

Year	U.S.A.			CANADA				JAPAN		
	Private			Single	Duplex & Row	Apt.	Total	Wood Base	Non Wd. Base	Total
	Single Family	Multi Family	Total							
1990	895	298	1,193	102.3	23.8	55.5	181.6	728.0	979.0	1,707.0
1991	842	173	1,015	86.6	25.7	43.9	156.2	624.0	746.1	1,370.1
1992	1,030	172	1,202	92.9	30.3	45.1	168.3	671.1	731.5	1,402.6
1993	1,126	162	1,288	85.1	30.3	40.1	155.4	697.5	788.2	1,485.7
1994	1,198	259	1,457	89.5	29.4	35.2	154.1	721.4	848.8	1,570.2
1995	1,076	278	1,354	64.4	19.4	27.1	110.9	666.1	804.2	1,470.3
1996	1,161	316	1,477	78.0	23.6	23.1	124.7	754.3	889.0	1,643.3
1997	1,134	342	1,476	93.2	28.6	25.2	147.0	611.3	775.7	1,387.0
1998	1,271	345	1,616	86.4	25.3	25.7	137.4	545.1	653.2	1,198.3
1999	1,426	322	1,748	92.2	25.9	31.8	149.9	565.5	649.1	1,214.6

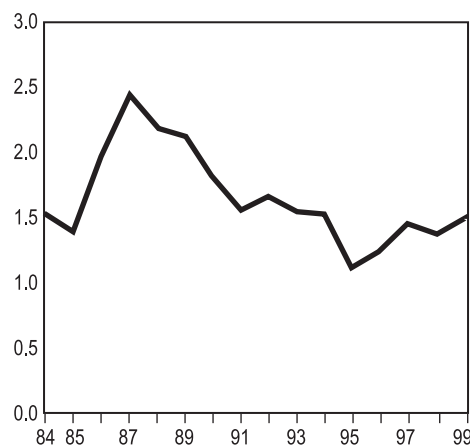
Source: U.S.A. — NAHB Housing Market Statistics
 Canada — CMHC
 Japan — Japan Lumber Journal

TABLE 14

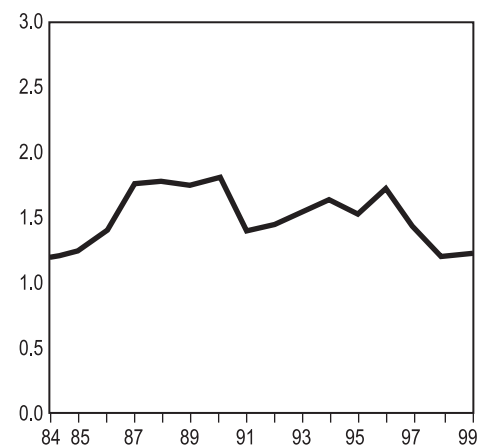
**NUMBER OF U.S. HOUSING STARTS
(in millions)**



**NUMBER OF CANADIAN HOUSING STARTS
(in 100,000s)**



**NUMBER OF JAPANESE HOUSING STARTS
(in millions)**



TOTAL CANADIAN DOMESTIC PLYWOOD SHIPMENTS 1990 – 1999

(thousand square feet, 3/8" basis)

TABLE 15

Destination	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
B.C.	362,931	343,515	416,894	446,399	405,099	364,383	363,656	361,696	308,386	338,821
Alberta	267,699	246,949	247,567	228,861	225,090	205,843	221,983	206,292	214,670	226,659
Saskatchewan	62,646	42,443	43,061	39,406	36,240	30,175	28,015	27,508	28,629	25,286
Manitoba	70,724	51,043	60,864	56,358	59,528	50,995	47,197	53,190	54,088	49,799
Ontario	521,308	441,872	428,584	414,470	427,602	384,409	397,866	413,914	443,722	549,525
Quebec	477,950	431,399	428,953	408,212	406,408	361,341	334,207	366,918	381,988	419,384
Atlantic	130,303	110,218	103,476	105,260	100,737	92,028	90,134	69,801	81,505	74,885
Total	1,893,563	1,667,440	1,729,399	1,698,966	1,660,704	1,489,175	1,483,058	1,499,319	1,512,989	1,684,359

Source: Statistics Canada Catalogue 35-001.

Notes: Excludes shipments to veneer and plywood plants.
May not add due to rounding.

CANADA SOFTWOOD PLYWOOD SHIPMENTS 1990 – 1999

(million square feet, 3/8" basis)

TABLE 16

Destination	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
CANADA	1,882.1	1,722.5	1,799.2	1,733.5	1,789.5	1,373.2	1,318.0	1,404.8	1,513.0	1,562.4
E.U.										
Austria						0.7	0.1	0.1	0.2	0.4
Belgium/Luxembourg	13.1	4.1	6.3	3.8	2.3	11.5	7.3	9.9	9.8	6.9
Denmark	5.5	2.9	3.7	1.6	1.7	4.6	0.2	1.3	10.3	2.0
Finland						0.1	0.1	—	—	—
France	12.8	11.8	7.4	6.1	4.6	15.7	3.5	2.3	4.8	0.4
Germany	29.1	29.2	46.8	57.3	40.3	115.0	44.7	109.9	45.2	14.9
Greece	0.3	—	—	—	0.5	—	—	—	0.1	—
Ireland	3.9	4.1	14.0	0.5	2.8	3.6	0.4	2.1	6.5	5.2
Italy	21.9	14.7	24.8	27.5	24.6	65.3	38.1	50.7	34.6	14.5
Netherlands	12.7	3.8	17.8	12.8	17.6	41.7	11.5	24.6	29.2	23.9
Spain	0.4	0.5	0.1	—	—	—	—	—	—	—
Sweden						2.8	0.3	—	—	—
United Kingdom	118.5	79.7	77.6	42.5	37.9	80.1	51.9	44.0	49.3	22.1
TOTAL	218.2	150.8	198.5	152.1	132.3	341.1	158.1	244.9	190.0	90.3
OTHER										
U.S.A.	17.9	9.2	14.8	18.0	23.5	28.0	32.8	43.4	117.9	272.3
Japan	68.0	60.4	79.9	109.7	108.2	313.5	506.7	337.4	193.6	258.9
All Other	17.1	7.0	7.1	27.3	10.7	24.4	32.5	26.9	12.7	6.7
TOTAL	103.0	76.6	101.8	155.0	142.4	365.9	572.0	407.7	324.2	537.9
TOTAL EXPORT	321.2	227.4	300.3	307.1	274.7	707.0	730.1	652.6	514.2	628.2
TOTAL ALL SHIPMENTS	2,203.3	1,949.9	2,099.5	2,040.6	2,064.2	2,080.2	2,048.1	2,057.4	2,027.2	2,190.6

Sources: Total all shipments — Statistics Canada Catalogue 35-001. Data is collected from reporting firms.

Exports to U.S.A. — Statistics Canada unpublished computer data collected for Statistics Canada by U.S. Customs and based upon U.S. import declarations.

Exports to other countries — Statistics Canada unpublished computer data collected by Canadian Customs and based upon Canadian export declarations.

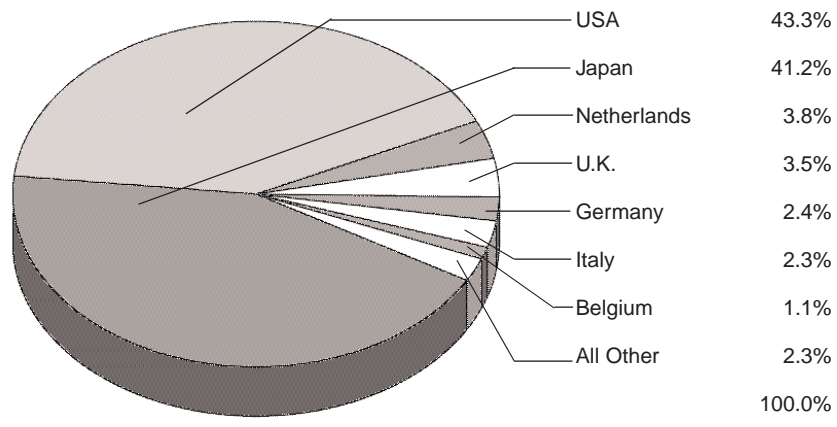
Shipments to Canada — Total all shipments less exports. Reasons for discrepancy in Canada shipments per Table 15 unknown as data collected from different sources.

Note: **Statistics Canada unpublished computer information excludes retroactive corrections that are made by Statistics Canada from time to time that are considered to be relatively minor.**

From 1995, E.U. includes Austria, Finland and Sweden.

1999 CANADA SOFTWOOD PLYWOOD EXPORTS

TABLE 17



CANADIAN IMPORTS OF SOFTWOOD PLYWOOD 1990 – 1999

(thousand square feet, 3/8" basis) TABLE 18

Year	Total
1990	138,971
1991	159,360
1992	99,303
1993	123,419
1994	77,447
1995	127,365
1996	188,324
1997	206,132
1998	122,910
1999	154,939

Source:

DOLLAR VALUE OF EXPORTS OF ALL FOREST PRODUCTS FROM BRITISH COLUMBIA – 1999

(millions of Canadian dollars)

TABLE 19

Commodity	U.S.A. ⁽¹⁾	Japan	Other Pac.Rim ⁽²⁾	U.K.	Other E.U.	All Other	Total
CRUDE MATERIALS							
Logs, Poles, Other Roundwood & Misc.	175.6	131.6	2.1	0.0	0.1	0.0	309.4
Wood Chips and Sawdust	40.3	30.6	0.3	0.0	0.1	0.0	71.3
TOTAL CRUDE MATERIALS	215.9	162.2	2.4	0.0	0.2	0.0	380.7
FABRICATED MATERIALS							
WOOD							
Lumber, Hardwood	27.0	2.1	2.6	0.2	0.8	0.0	32.7
Lumber, Softwood	5,488.7	1,549.1	192.6	49.3	219.5	16.9	7,516.1
TOTAL LUMBER	5,515.7	1,551.2	195.2	49.5	220.3	16.9	7,548.8
Plywood, Hardwood	3.2	0.1	0.0	0.1	0.0	0.0	3.4
Plywood, Softwood	114.8	114.4	1.5	10.0	25.1	1.0	266.8
TOTAL PLYWOOD	118.0	114.5	1.5	10.1	25.1	1.0	270.2
Waferboard	386.4	48.0	3.9	0.0	0.0	4.0	442.3
Particleboard	36.6	0.0	0.0	0.0	0.0	0.0	36.6
Fibreboard	50.9	0.1	1.7	0.4	0.2	0.5	53.8
Shingles/Shakes	283.5	0.2	1.7	1.1	2.2	0.5	289.2
Veneers, Hardwood	4.6	0.0	0.3	0.0	0.0	0.0	4.9
Veneers, Softwood	132.7	4.3	0.1	0.0	0.3	0.0	137.4
TOTAL VENEER	137.3	4.3	0.4	0.0	0.3	0.0	142.3
Misc. Fabricated Wood	672.5	37.4	2.1	1.9	2.8	0.2	716.9
TOTAL WOOD	7,200.9	1,755.7	206.5	63.0	250.9	23.1	9,500.1
PULP AND PAPER							
Pulp, All Grades	832.1	473.3	1,018.5	75.8	843.7	83.0	3,326.4
Paper, Newsprint	505.3	158.5	68.4	2.6	0.0	18.5	753.3
Paper, All Other	1,075.8	18.2	116.8	14.8	65.5	35.8	1,326.9
TOTAL PAPER	1,581.1	176.7	185.2	17.4	65.5	54.3	2,080.2
TOTAL PULP AND PAPER	2,413.2	650.0	1,203.7	93.2	909.2	137.3	5,406.6
TOTAL FABRICATED MATERIALS	9,614.1	2,405.7	1,410.2	156.2	1,160.1	160.4	14,906.7
GRAND TOTAL:							
1999	9,830.0	2,567.9	1,412.6	156.2	1,160.3	160.4	15,287.4
1998	7,989.8	2,256.3	1,061.2	148.0	1,222.7	211.1	12,889.1
1997	8,460.7	3,141.8	1,228.0	144.6	1,315.1	262.7	14,552.9
1996	8,329.6	3,521.5	1,369.5	175.8	1,241.2	225.4	14,863.0
1995	8,304.0	4,012.9	1,745.2	258.3	2,109.6	421.4	16,851.4
1994	7,794.5	3,299.8	1,214.5	218.1	1,345.4	281.2	14,153.5
1993	6,501.1	2,794.9	945.3	229.9	1,022.2	256.6	11,750.0
1992	4,809.3	2,037.7	857.9	420.9	1,178.9	218.8	9,523.5
1991	4,010.9	1,666.7	804.9	423.6	1,256.5	264.5	8,427.1
1990	4,442.9	1,789.8	792.8	488.8	1,443.3	314.4	9,272.0

⁽¹⁾ Does not include softwood lumber shipped through Canadian reload centres.

⁽²⁾ Includes East Asia & Oceania.

Source: Statistics Canada

DOLLAR VALUE OF EXPORTS OF ALL FOREST PRODUCTS FROM CANADA – 1999

(millions of Canadian dollars)

TABLE 21

Commodity	U.S.A.	Japan	Other Pac.Rim ⁽¹⁾	U.K.	Other E.U.	All Other	Total
CRUDE MATERIALS							
Logs, Poles, Other Roundwood & Misc.	276.8	131.0	5.8	0.1	16.0	10.3	440.0
Wood Chips and Sawdust	96.7	30.6	0.3	0.1	3.5	0.1	131.3
TOTAL CRUDE MATERIALS	373.5	161.6	6.1	0.2	19.5	10.4	571.3
FABRICATED MATERIALS							
WOOD							
Lumber, Hardwood	429.3	17.0	28.8	40.6	194.5	30.2	740.4
Lumber, Softwood	10,762.3	1,623.1	194.1	81.4	224.0	30.8	12,915.7
TOTAL LUMBER	11,191.6	1,640.1	222.9	122.0	418.5	61.0	13,656.1
Plywood, Hardwood	216.5	0.1	0.1	0.4	0.2	0.3	217.6
Plywood, Softwood	122.1	114.5	1.5	10.0	25.7	1.3	275.1
TOTAL PLYWOOD	338.6	114.6	1.6	10.4	25.9	1.6	492.7
Waferboard	2,249.2	72.4	7.0	0.0	1.7	6.5	2,336.8
Particleboard	244.7	0.0	0.0	0.0	0.0	0.5	245.2
Fibreboard	383.7	0.9	10.4	1.8	6.2	2.6	405.6
Shingles/Shakes	343.4	0.2	1.7	1.1	2.2	0.6	349.2
Veneers, Hardwood	272.2	0.8	12.5	2.0	24.2	5.4	317.1
Veneers, Softwood	146.8	4.3	0.2	0.0	0.4	0.0	151.7
TOTAL VENEER	419.0	5.1	12.7	2.0	24.6	5.4	468.8
Misc. Fabricated Wood	2,389.4	47.3	4.7	12.3	14.1	11.7	2,479.5
TOTAL WOOD	17,559.6	1,880.6	261.0	149.6	493.2	89.9	20,433.9
PULP AND PAPER							
Pulp, All Grades	3,328.7	794.5	1,567.8	192.2	1,514.0	173.1	7,570.3
Paper, Newsprint	5,098.2	211.9	174.8	222.8	251.6	480.7	6,440.0
Paper, All Other	8,635.6	19.6	200.6	38.5	112.3	165.4	9,172.0
TOTAL PAPER	13,733.8	231.5	375.4	261.3	363.9	646.1	15,612.0
TOTAL PULP AND PAPER	17,062.5	1,026.0	1,943.2	453.5	1,877.9	819.2	23,182.3
TOTAL FABRICATED MATERIALS	34,622.1	2,906.6	2,204.2	603.1	2,371.1	909.1	43,616.2
GRAND TOTAL: 1999	34,995.6	3,069.1	2,210.3	603.3	2,391	919.5	44,188.4
1998	30,536.1	2,725.4	1,655.0	616.5	2,440.8	978.4	38,952.2
1997	28,585.2	3,760.9	2,065.4	673.8	2,631.4	1,166.7	38,883.4
1996	27,270.3	4,173.9	2,339.4	794.9	2,651.7	948.2	38,178.4
1995	27,343.7	4,874.5	2,874.2	914.3	3,751.5	1,468.7	41,226.9
1994	22,603.9	3,935.8	1,821.1	750.3	2,310.4	951.2	32,372.7
1993	18,931.8	3,147.9	1,271.0	675.2	1,731.1	812.0	26,569.0
1992	15,513.5	2,373.7	1,173.0	978.5	2,066.3	784.0	22,889.0
1991	13,673.3	1,960.8	1,048.4	1,016.2	2,100.4	813.8	20,612.9
1990	15,057.0	2,021.9	1,000.6	1,080.4	2,171.3	772.8	22,104.0

⁽¹⁾ Includes East Asia & Oceania.

Source: Statistics Canada

CANADA AND BRITISH COLUMBIA PULP AND PAPER PRODUCTION – 1990–1999

('000 metric tonnes)

TABLE 20

Year	PULP**			PAPER & PAPERBOARD			
	Total Production All Grades		Market Pulp Shipments	Total Production All Grades		Newsprint Production	Other Production
	Canada	B.C.	B.C.	Canada	B.C.	B.C.	B.C.
1990	22,750	6,604	3,547	16,547	2,994	1,763	1,231
1991	23,099	6,702	4,014	16,566	2,721	1,561	1,160
1992	22,656	6,646	3,815	16,598	2,692	1,545	1,147
1993	22,874	7,048	4,040	17,529	3,067	1,917	1,150
1994	24,650	7,617	4,763	18,336	2,947	1,665	1,282
1995	25,402	7,608	4,565	18,714	2,836	1,434	1,402
1996	24,352	7,287	4,382	18,419	2,816	1,401	1,415
1997	24,834	7,099	4,533	18,968	2,570	1,160	1,410
1998	23,602	7,076	4,408	18,725	2,781	1,239	1,542
1999	25,373	7,990	5,007	20,203	3,069	1,377	1,692

**CPPA Members.

Source: A

FOREST INDUSTRY EMPLOYMENT, 1990 – 1999 (1)

TABLE 22

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Average Number of Employees										
Lumber	26,900	25,400	24,450	24,100	24,300	24,100	23,700	23,000	21,000	20,300
Plywood	4,500	3,900	3,200	3,250	3,200	3,200	3,300	3,300	3,200	3,450
Market Pulp	8,200	8,100	7,950	7,900	7,700	7,700	7,500	7,400	6,900	6,000
Newsprint & Uncoated Mechanical Printing Papers	4,900	4,900	4,600	4,200	4,000	3,900	3,700	3,300	3,100	3,000
Company Logging	8,600	8,600	8,050	8,300	8,700	9,400	9,500	9,150	8,700	8,450
Contractor Logging (2)	14,900	14,600	17,000	18,000	19,500	20,000	21,000	20,500	19,500	20,300
Other Operations (3)	8,800	7,700	6,950	6,250	6,600	7,200	7,800	8,000	7,500	7,200
Value-added (4)	11,500	11,500	11,500	11,700	12,500	12,500	13,000	13,000	12,500	13,000
Provincial Government (5)	3,500	4,000	4,500	4,500	4,800	4,900	5,000	5,000	4,400	4,500
Silviculture (6)	2,000	2,000	4,000	4,000	4,600	4,600	4,600	4,600	4,600	4,400
Total Direct Employment in BC	93,800	90,700	92,200	92,200	95,900	97,500	99,100	97,250	91,400	90,600
Employees Outside BC	12,500	11,800	12,000	12,100	12,300	N/A	N/A	N/A	N/A	N/A
Total Direct Employment Generated by the BC Forest Industry	106,300	102,500	104,200	104,300	108,200	97,500	99,100	97,250	91,400	90,600
Indirect and Induced Employment in BC (7)	187,600	181,400	184,400	184,400	191,800	195,000	198,200	194,500	182,800	181,200
Total Employment Generated in BC by the Forest Industry	281,400	272,100	276,600	276,600	287,700	292,500	297,300	291,750	274,200	271,800

Source: PricewaterhouseCoopers

- The average number of employees by sector is calculated by totaling the number of hourly and salaried employees on the payroll at the end of each pay period and dividing by the number of complete pay periods in the year (rounded).
- The average number of contract employees performing logging activities has been estimated by the participating companies.
- Includes linerboard, CTMP, deinked pulp, sackkraft and other paper, shakes and shingles, OSB and unallocated corporate.
- Source: *Profile of the BC Wood Products Value Added Sector* prepared by Jim McWilliams and Forinak, December 1991, under the Canada-British Columbia Forest Resource Development Agreement, with estimated changes for 1992 through 1997.
- Includes Ministry of Forests, Forest Renewal B.C., Forest Practices Board but excludes employees in the Ministry of the Environment.
- Number of silviculture employees excludes those employed by the Ministry of Forests and its stated on an annualized basis as most silviculture employees work only part of the year. Seasonal peak employment is estimated at 18,500 by the Western Silviculture Contractors Association (WSCA).
- The employment multiplier used to estimate the indirect and induced employment created by the industry is the generally accepted industry multiplier. In addition, significant employment is generated outside BC by the BC forest industry. The multiplier factor generally accepted in BC is conservative in relation to these multipliers commonly quoted. For example, in an article in *The Forestry Chronicle*, August 1988, Jack Dobie, RPF., Ph.D., Forest Economist, Statistics Canada, estimated the direct, indirect and induced multiplier for Canada to be 4.293. Using Dr. Dobie's multiplier, the forest industry's BC operations have generated approximately 417,000 permanent jobs in Canada.

**AVERAGE ANNUAL EXCHANGE RATES
NUMBER OF FOREIGN CURRENCY UNITS PER ONE CANADIAN DOLLAR – 1990–1999 TABLE 23**

Year	U.S. Dollar	British Pound Sterling	German Deutch Mark	Japanese Yen	Australian Dollar	French Franc	Dutch Guilder	Italian Lire	Swedish Krone
1990	0.8571	0.4802	1.3848	124.0963	1.0970	4.6669	1.5607	1026.8475	5.0728
1991	0.8728	0.4933	1.4485	117.5744	1.1203	4.9246	1.6319	1082.8315	5.2784
1992	0.8273	0.4686	1.2920	104.7820	1.1251	4.3797	1.4549	1019.6078	4.8182
1993	0.7751	0.5161	1.2815	86.1910	1.1398	4.3898	1.4398	1219.7892	6.0332
1994	0.7323	0.4781	1.1883	74.8417	1.0008	4.0655	1.3327	1180.7198	5.6500
1995	0.7286	0.4616	1.0442	68.5344	0.9827	3.6369	1.1699	1186.8738	5.1975
1996	0.7334	0.4696	1.1037	79.7796	0.9367	3.7518	1.2365	1131.6489	4.9183
1997	0.7222	0.4410	1.2524	87.3826	0.9707	4.2154	1.4093	1230.0303	5.5141
1998*	0.6743	0.4067	1.1834	87.7963	1.0718	3.9682	1.334	1168.2242	5.3619
1999*	0.6731	0.416	1.2343	76.2777	1.0429	4.1391	1.3906	1222.4939	5.5586

Source: International Monetary Fund; *1998/99 figures are from the Bank of Canada.

**BRITISH COLUMBIA
WOOD CHIP EXPORTS 1990–1999
(thousand metric tonnes) TABLE 24**

Year	Destination			Total
	U.S.A.	Japan	Other	
1990	592	922	0	1,514
1991	579	667	0	1,246
1992	441	676	1	1,118
1993	307	568	1	876
1994	125	476	1	602
1995	340	291	1	632
1996	446	319	1	766
1997	492	323	2	817
1998	328	176	0	504
1999	261	202	1	464

Source: Statistics Canada
May not add due to rounding

**BRITISH COLUMBIA FOREST INDUSTRY
VALUE OF SHIPMENTS OF
MANUFACTURING INDUSTRIES
1990–1999
(millions of dollars) TABLE 25**

Year	Wood Products Industry	Paper Allied Industry	Total
1990	6,377	5,122	11,499
1991	5,912	4,337	10,249
1992	7,284	3,882	11,166
1993	9,567	4,058	13,625
1994	10,775	5,006	15,781
1995	10,699	7,792	18,491
1996	11,018	5,789	16,807
1997	11,442	5,392	16,834
1998	10,187	5,436	15,623
1999	12,211	6,402	18,613