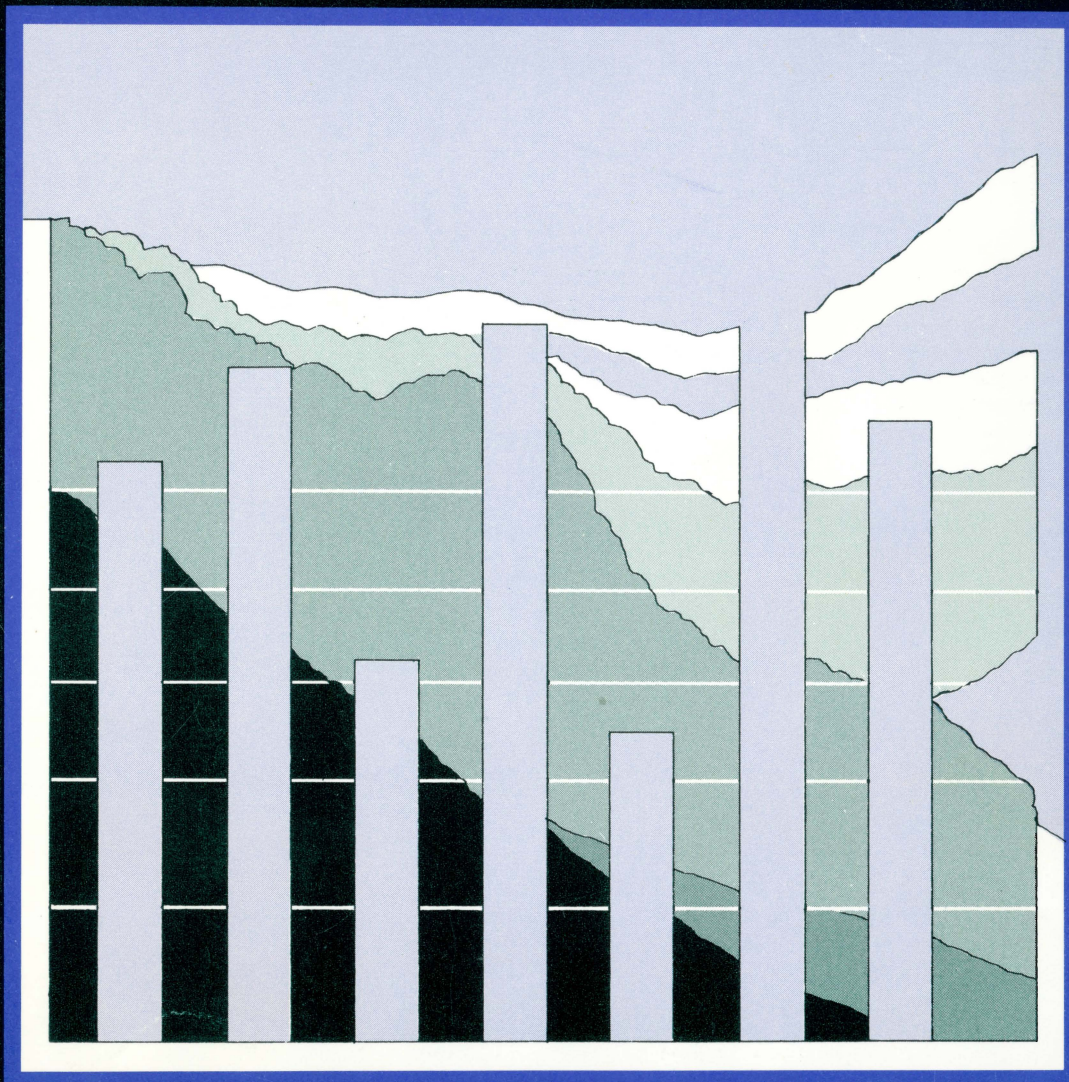




Selected Forestry Statistics Canada 1995

Information Report E-X-48
Industry, Economics and Programs Branch
Canadian Forest Service



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Want To Know More?

Selected Forestry Statistics Canada 1995 is compiled by the Industry, Economics and Programs Branch of Natural Resources Canada - Canadian Forest Service. The material presented is drawn from statistics covering mainly the period 1970-1994.

These publications are also available: *Compendium of Canadian Forestry Statistics 1994* presents data on forest resources compiled by the National Forestry Database Program as well as key historical information gathered by earlier surveys. A snapshot overview is presented in a brochure entitled *National Forestry Database 1994 Summary*.

Copies of these publications may be obtained at no charge from the following address:

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Fax: (819) 997-2070

A microfiche edition of this publication may be purchased from:

Micromedia Ltd.
240 Catherine St.
Suite 305
Ottawa, Ontario
K2P 2G8

Cette publication est disponible en français sous le titre *Recueil de statistiques forestières canadiennes 1995*.

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SELECTED FORESTRY STATISTICS

CANADA 1995

INDUSTRY, ECONOMICS AND PROGRAMS BRANCH

NATURAL RESOURCES CANADA

CANADIAN FOREST SERVICE

JANUARY 1996



ABSTRACT

ATTENTION

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Selected Forestry Statistics Canada 1995 presents a series of tables on commodity production, shipments and trade, principal and employment statistics by industry sector, as well as selling price indexes, financial statistics, and economic indicators. Some transportation, construction, and international data complete the picture.

Please note that data on Canadian forest resources and management activities are no longer in *Selected Forestry Statistics*. This information is now contained in the *Compendium of Canadian Forestry Statistics, National Forestry Database*.

This edition combines *Selected Forestry Statistics Canada 1993*, *Selected Forestry Statistics Canada 1994* and *Selected Forestry Statistics Canada 1995*. This document is now published once every two years rather than annually. The 1993 edition was photocopied and distributed on demand only.

Over 130 tables of forest economic data at the national and provincial levels are included in the report. Data have been extracted from approximately 55 different publications. In addition, the last section of this publication describes the main forestry and economic terms used in the tables. The conversion factors used to convert from metric to imperial measure and the standard symbols used are also provided. The reader should note that the columns of figures may not always add up due to rounding.

To increase the precision and facilitate the retrieval of time series data, CANSIM (a computerized data bank of Statistics Canada) was used wherever possible. The tables of commodity data were retrieved from CD ROM produced by Statistics Canada's International Trade Division and the world statistics were retrieved from AGROSTAT produced by the Food and Agriculture Organization of the United Nations.

Arrangements can be made to provide selected tables on diskette in WordPerfect 6.1 or ASCII format.

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RÉSUMÉ

ATTENTION

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Le *Recueil de statistiques forestières canadiennes 1995* porte sur la production et les livraisons de marchandises, le marché des produits, les statistiques principales et les données sur l'emploi par secteur industriel ainsi que sur les indices des prix de vente, les statistiques financières et les indicateurs économiques. Quelques données sur le transport, la construction et la foresterie mondiale complètent ce document.

Veillez noter que les données sur les ressources forestières du Canada et les activités d'aménagement ne paraissent plus dans le *Recueil de statistiques forestières canadiennes*. Cette information est maintenant disponible dans l'*Abrégé de statistiques forestières canadiennes, Base nationale de données sur les forêts*.

Cette édition combine Le *Recueil de statistiques forestières canadiennes 1993*, le *Recueil de statistiques forestières canadiennes 1994* et le *Recueil de statistiques forestières canadiennes 1995*. Cette publication est désormais disponible à tous les deux ans, plutôt qu'annuellement. L'édition de 1993 a été photocopiée et distribuée sur demande seulement.

Plus de 130 tableaux de données forestières et économiques aux niveaux national et provincial sont inclus dans ce recueil. Les données proviennent d'environ 55 publications différentes. De même, la dernière section de ce recueil décrit brièvement les principaux termes forestiers et économiques utilisés dans les tableaux. Les facteurs nécessaires à la conversion des mesures métriques en mesures impériales et les signes conventionnels employés sont disponibles dans ce document. Le lecteur devra remarquer que les totaux peuvent ne pas être exacts, certains chiffres étant arrondis.

Afin d'augmenter la précision des données et en faciliter l'extraction, CANSIM (une banque informatisée de séries chronologiques de Statistique Canada) a été utilisée où cela était possible. Les données sur le marché des produits ont été extraites de disques compacts produits par la Division du commerce international de Statistique Canada, et les données sur la foresterie internationale proviennent d'AGROSTAT un produit de l'Organisation des Nations Unies pour l'alimentation et l'agriculture.

Certaines dispositions peuvent être prises afin de fournir l'information sur disquette en format "WordPerfect 6.1" ou "ASCII".

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CONVERSION FACTORS

All units of measure in this publication are shown in metric only. The following table shows the factors used in converting from metric measure to imperial.

Description	Metric measure	Conversion factor (multiply by)	Imperial (English) measure
Bolts	m ³	0.415 472	cord
Flooring	m ³	0.423 775	MBF(thousand board feet)
Forest area	ha (0.01 km ²)	2.470 966	acre
Logs	m ³	0.220 750	MBF (thousand board feet)
Logs, pulpwood	m ³	0.353 147	cunits (100 cubic feet)
Lumber	m ³	0.423 775	MBF (thousand board feet)
Newsprint, paper and paperboard	t	1.102 310	short ton
Newsprint, paper and paperboard	t	22.045 855	CWT (hundredweights)
Particleboard	m ³	680.272 108	sq ft 5/8 (square foot 5/8")
Plywood - softwoods	m ³	1 130.071 194	sq ft 3/8 (square foot 3/8")
- hardwoods	m ³	1 695.202 576	sq ft 1/4 (square foot 1/4")
Pulpwood - peeled	m ³	0.371 733	cord
- unpeeled	m ³	0.415 467	cord
- total	m ³	0.415 467	cord
Railway ties	m ³	26.315 789 x 0.423 775	number
Roundwood	m ³	35.314 724	cubic feet
Shingles and shakes	m ²	0.107 639	rfsq (roof squares)
Veneer - softwoods	m ³ to m ² x 314.925	3 389.830 508	sq ft (square foot)
- hardwoods	m ³ to m ² x 800.888	8 620.689 655	sq ft (square foot)
Wood chips	t	1.102 310	ton (short tons)
Wood pulp	t	22.045 855	CWTAD(hundredweights air dry)

KEY TO SYMBOLS

The standard symbols used by Statistics Canada have been adopted for use in this manual. They are as follows:

...	figures not appropriate or not applicable
..	figures not available
-	nil or zero
—	amount too small to be expressed
p	preliminary figures
r	revised figures
x	confidential to meet secrecy requirements under the Statistics Act
e	estimated
n.e.c.	not elsewhere classified

COMPARISON OF TABLE NUMBERS USED BETWEEN 1991, 1992 AND 1995^a

1995	1992	1991	1995	1992	1991	1995	1992	1991
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^aIn October 1994, a limited number of *Selected Forestry Statistics Canada 1993* was photocopied and distributed on demand only.

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SUMMARY OF SELECTED FORESTRY STATISTICS CANADA 1995

	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	
1. Roundwood production	162.9r	161.5r	170.3	175.8	million m³
Atlantic provinces	10%	10%	10%	10%	
Quebec	19%	18%	18%	20%	
Ontario	16%	15%	14%	15%	
Prairie provinces	10%	11%	11%	11%	
British Columbia	45%	46%	46%	44%	
Species mix					
Softwoods	87%	87%	87%	87%	
Hardwoods	13%	13%	13%	13%	
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	
2. Lumber production	51.6	55.8	59.6	61.5	million m³
Atlantic provinces	4%	4%	4%	5%	
Quebec	17%	19%	21%	22%	
Ontario	9%	9%	9%	9%	
Prairie provinces	9%	9%	9%	9%	
British Columbia	61%	60%	57%	55%	
Species mix					
Softwoods	98%	98%	98%	98%	
Hardwoods	2%	2%	2%	2%	
3. Wood pulp production	23.3	22.8	22.9	24.6	million t
Quebec	31%	..	..	..
Ontario	17%	..	..	..
British Columbia	29%	..	..	..
All other provinces	23%	..	..	..
4. Basic paper and paperboard production	16.6	16.6	17.5	18.3	million t
Quebec	43%	42%	41%	42%	
Ontario	24%	24%	24%	24%	
British Columbia	16%	16%	18%	16%	
All other provinces	17%	17%	17%	17%	
5. Shipments					
Roundwood	..	..	..	..	million m ³
Lumber - total	..	48.5	56.3	..	million m ³
- softwoods	..	47.6	55.2	..	million m ³
Wood pulp (market pulp only)	7.7	7.8	8.1	9.7	million t
Paper and paperboard - total	16.3	16.8	17.5	18.6	million t
- newsprint	8.6r	9.0r	9.1	9.4	million t
6. Exports of forest products	\$ 20 674	\$ 23 000	26 685	\$ 32 419	million
Lumber - total	5 151	6 548	9 451	11 388	
- softwoods	5 027	6 382	9 180	11 011	
Wood pulp	4 937	5 068	4 641	6 711	
Paper and paperboard - total	8 661	8 788	9 403	10 298	
- newsprint	5 859	5 769	6 079	6 263	
Other forest products	1 925	2 596	3 189	4 022	


SUMMARY OF SELECTED FORESTRY STATISTICS CANADA 1995 (concluded)

	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	
7. Exports of forest products	\$20 674	\$23 000	22 685	32 419	million
Atlantic provinces	11%	10%	9%	8%	
Quebec	25%	24%	24%	24%	
Ontario	18%	19%	19%	18%	
Prairie provinces	5%	5%	5%	6%	
British Columbia	41%	42%	44%	44%	
8. Balance of trade, net flow	\$ + 10 545	\$ + 14 806	\$ + 17 393	\$ + 23 303	million
Forest products	+ 17 304	+ 19 198	+ 22 314	+ 27 771	
Farm products	+ 1 980	+ 3 409	+ 2 005	+ 640	
Fish products	+ 1 732	+ 1 739	+ 1 658	+ 1 787	
Energy	+ 9 526	+ 10 838	+ 13 159	+ 15 001	
Metals and minerals	+ 10 735	+ 11 086	+ 10 055	+ 11 674	
Chemicals and fertilizers	- 662	- 978	- 1 882	- 3 039	
Other products	- 29 615	- 29 772	- 27 679	- 28 267	
Special transactions	- 455	- 714	- 2 252	- 2 385	
	<u>1990</u>	<u>1991p</u>	<u>1992</u>	<u>1993p</u>	
9. Employment in forest industries (direct jobs)	274	251	250	254	thousand
Logging	44	40	42	42	
Wood industries	115	101	104	110	
Paper and allied industries	115	110	105	102	
10. Value of shipments of goods	\$ 46 946	\$ 41 871	\$ 44 244	\$49 347	million
Logging	8 114	7 702	8 359	9 031	
Wood industries	14 806	13 166	15 060	19 083	
Paper and allied industries	24 026	21 003	20 825	21 233	
11. Value added, total activity	\$ 19 363	\$15 949	\$ 17 137	\$ 20 332	million
Logging	3 197	2 914	3 272	3 908	
Wood industries	5 728	4 979	6 058	8 343	
Paper and allied industries	10 438	8 056	7 807	8 081	
	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	
12. Capital and repair expenditures	\$ 8 409	\$ 6 873	\$ 5 867	\$ 5 768	million
Logging industry	586	286	313	373	
Wood industries	1 403	1 132	1 175	1 475	
Paper and allied industries	6 420	5 455	4 380	3 920	
All Canadian industries	175 024	168 536	162 481	160 900	
	<u>1991r</u>	<u>1992r</u>	<u>1993r</u>	<u>1994</u>	
13. Forest industries contribution to Canadian gross domestic products	2.9%	3.0%	3.0%	3.0%	
Canadian gross domestic product at factor cost in 1986 prices	\$494 544	\$ 497 604	\$ 510 615	\$ 532 951	million
	<u>Percent</u>	<u>Rank</u>	<u>Volume/value</u>		
14. Canada's share in world forest economy, 1993					
Softwood growing stock	15%	2nd	19 241	million m ³	
Industrial softwood roundwood production	18%	2nd	165 275	thousand m ³	
Softwood lumber production	19%	2nd	58 651	thousand m ³	
Wood pulp production	16%	2nd	23 658	thousand t	
Newsprint production	28%	1st	9 165	thousand t	
Value of exports of forest products	19%	1st	19 301	million US \$	



SECTION I

COMMODITY PRODUCTION AND SHIPMENTS

- **Roundwood**
 - **Lumber**
 - **Wood pulp**
 - **Newsprint**
 - **Basic paper and paperboard**
- 

I - 1. Estimation of Roundwood Production in Canada by Category and Species Group, 1970-1993

(Thousands of cubic metres)

Year	Industrial roundwood				Fuelwood	Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Total	Softwoods	Hardwoods	Total
1970	75 645r	40 553r	1 294r	117 492r	4 133r	110 883r	10 742r	121 625r
1975	73 542r	37 270r	915r	111 727r	3 783r	104 888r	10 622r	115 510r
1980	109 952r	38 909r	1 923r	150 784r	4 840r	142 743r	12 881r	155 624r
1981	96 282r	41 342r	1 552r	139 176r	5 560r	132 193r	12 543r	144 736r
1982	88 873r	31 170r	1 408r	121 451r	5 751r	116 023r	11 179r	127 202r
1983	111 250r	37 042r	1 383r	149 675r	6 308r	142 897r	13 086r	155 983r
1984	117 225r	42 344r	1 593r	161 162r	6 662r	153 556r	14 268r	167 824r
1985	119 317r	40 620r	2 077r	162 014r	6 708r	154 557r	14 165r	168 722r
1986	125 337r	42 694r	2 257r	170 288r	6 902r	161 938r	15 252r	177 190r
1987	140 910r	41 753	2 393r	185 056r	6 629r	176 218r	15 467r	191 685r
1988	138 838r	43 210r	2 279r	184 327r	6 289r	174 330r	16 286r	190 616r
1989	138 130r	41 651r	2 323r	182 104r	6 150r	171 575r	16 679r	188 254r
1990	117 591r	35 873r	3 064r	156 528r	6 424r	142 234r	20 719r	162 952r
1991	118 977r	31 459r	4 180r	154 616r	6 923r	140 007r	21 531r	161 538r
1992	129 786e	30 879e	3 146e	163 811e	6 493e	148 037e	22 266e	170 304e
1993	135 244e	30 012e	4 000e	169 256e	6 543e	152 766e	23 033e	175 799e

Sources: Statistics Canada Cat. No. 25-201, *Compendium of Canadian Forestry Statistics 1994*, National Forestry Database.

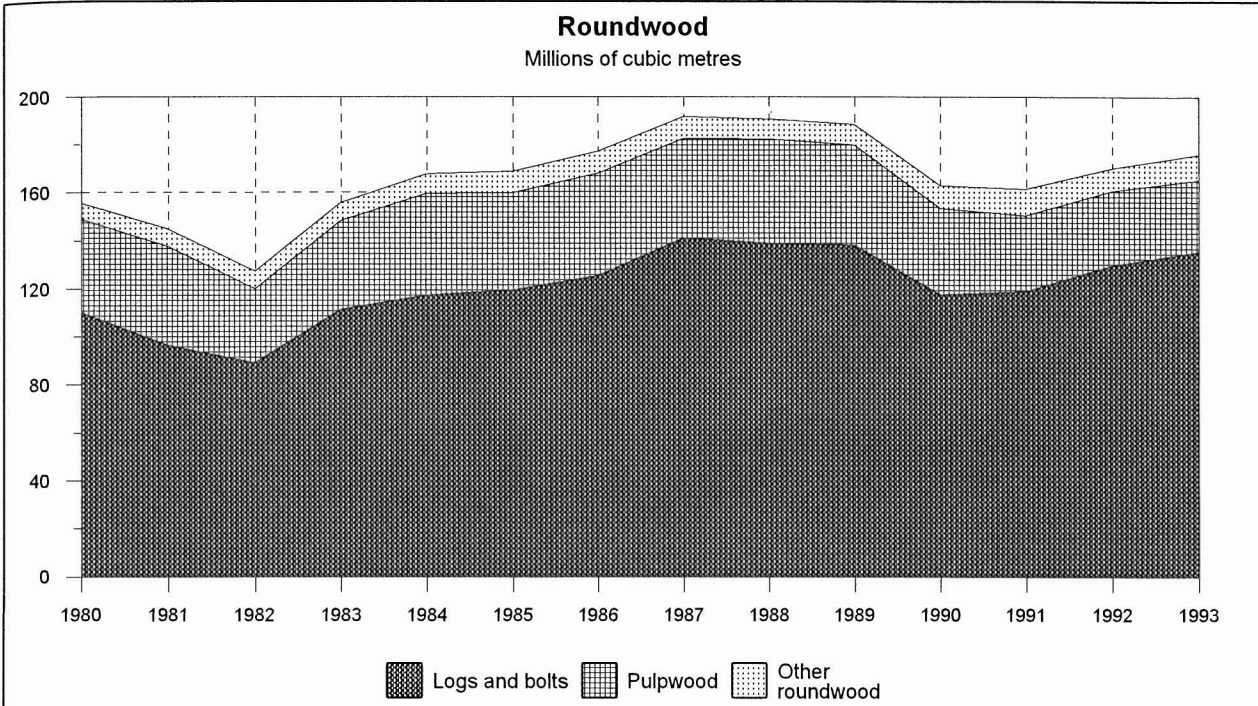


Figure 1. Roundwood production in Canada, 1980-1993.

Sources: Statistics Canada, Cat. No. 25-201 and National Forestry Database.

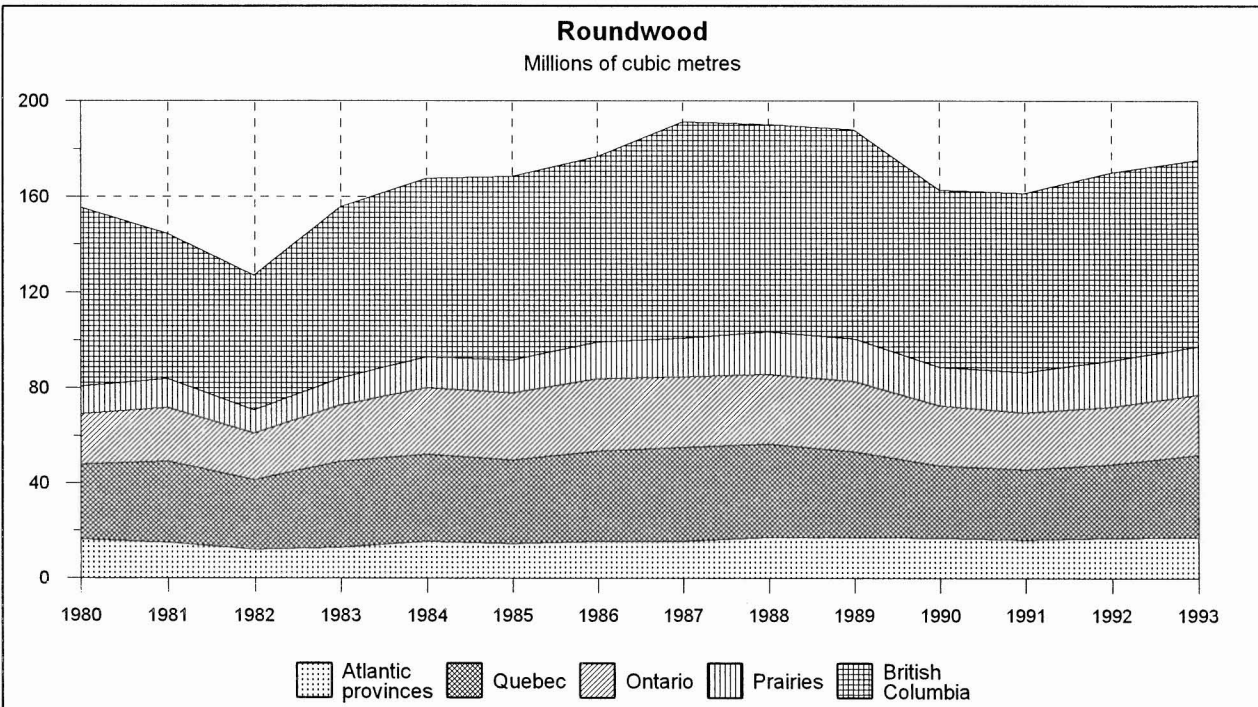


Figure 2. Roundwood production by region, 1980-1993.

Sources: Statistics Canada, Cat. No. 25-201 and National Forestry Database.

I - 2. Estimation of Roundwood Production by Province, Category, and Species Group, 1970-1993

(Thousands of cubic metres)

Year	Industrial roundwood			Total	Fuelwood	Total		Total
	Logs and bolts	Pulpwood	Other roundwood		Total	Softwoods	Hardwoods	
Newfoundland								
1970	170	2 527	5	2 702	147	2 814	35	2 849
1975	147	2 195	6	2 348	104	2 424	28	2 452
1980	207	2 189	17r	2 413	382r	2 764	31	2 795
1985	183	1 760	8	1 951	558	2 440	69	2 509
1986	228	1 732	6	1 966	442	2 352	56	2 408
1987	244	1 873	10	2 127	397	2 469	55	2 524
1988	285	1 891	8	2 184	329	2 467	46	2 513
1989	294	1 917	14	2 225	310	2 479	56	2 535
1990	235r	2 115r	-	2 350r	526r	2 667r	210r	2 876r
1991	209r	1 706	-	1 915r	765r	2 427r	253r	2 680r
1992	221e	1 676e	-	1 897e	924	2 503e	317e	2 821e
1993	288e	1 879	-	2 167e	964	2 875e	256e	3 131e
Prince Edward Island								
1970	68r	109	11	188r	57r	221r	24r	245r
1975	72r	132r	28	232r	63r	248r	47	295r
1980	86r	72r	28	186r	195r	235r	146r	381r
1985	67r	41r	28r	136r	275r	205r	206r	411r
1986	67r	41r	28r	136r	288r	208r	216r	424r
1987	86r	55r	28	169r	311r	247r	233r	480r
1988	91r	46r	28r	165r	311r	243r	233r	476r
1989	106r	66r	28r	200r	216r	254r	162r	416r
1990	103r	65e	28r	196r	252e	267r	181e	448r
1991	100e	39e	28e	167e	285r	248r	204r	452r
1992	153e	35e	28e	216e	294e	303e	207e	510e
1993	170e	46e	28e	244e	290e	335e	199e	534e

I - 2. Estimation of Roundwood Production by Province, Category, and Species Group, 1970-1993 (continued)

(Thousands of cubic metres)

Year	Industrial roundwood			Total	Fuelwood	Total		Total
	Logs and bolts	Pulpwood	Other roundwood		Total	Softwoods	Hardwoods	
Nova Scotia								
1970	1 033	2 219r	27r	3 279r	157r	3 117r	319r	3 436r
1975	837	2 628r	14r	3 479r	181	3 233r	427r	3 660r
1980	960	3 455r	8r	4 423r	263	3 962r	724r	4 686r
1985	954	2 212r	1r	3 167r	348	3 018r	497	3 515r
1986	1 062	2 515r	5r	3 582r	422	3 349r	655	4 004r
1987	1 064	3 305r	1r	4 370r	419	4 020r	769r	4 789r
1988	1 094	3 520r	2r	4 616r	423	4 295r	744r	5 039r
1989	1 135	3 181r	30r	4 346r	426	4 153r	619	4 772r
1990	1 193r	2 922r	--	4 116r	523r	3 714r	925r	4 639r
1991	986	2 914	2	3 902r	446r	3 498r	850	4 348
1992	923r	2 930r	..	3 853	395r	3 592r	656p	4 248p
1993	1 270	2 941	8	4 220	365	3 863e	722e	4 585e
New Brunswick								
1970	1 871	4 712	33	6 616	199	5 837	978	6 815
1975	1 755	4 913	45	6 713	193	5 519	1 387	6 906
1980	2 345	5 714	76	8 135	252	7 056	1 331	8 387
1985	2 344	5 126	89	7 559	337	6 862	1 034	7 896
1986	2 542	5 745	93	8 380	340	7 603	1 117	8 720
1987	2 559	5 232	..	7 791	78	6 763	1 106	7 869
1988	2 560	6 626	..	9 186	13	7 764	1 435	9 199
1989	3 521r	5 697r	..	9 218	63	7 528	1 753	9 281
1990	4 080e	4 720e	8e	8 809e	15e	7 133e	1 691e	8 824e
1991	3 751	4 133	666	8 550	93	6 693	1 949	8 643
1992	4 545	4 550	8	9 103	101	7 405	1 800	9 205
1993	5 209	3 596	22	8 827	132	7 153	1 806	8 959

I - 2. Estimation of Roundwood Production by Province, Category, and Species Group, 1970-1993 (continued)

(Thousands of cubic metres)

Year	Industrial roundwood			Total	Fuelwood	Total		Total
	Logs and bolts	Pulpwood	Other roundwood		Total	Softwoods	Hardwoods	
Quebec								
1970	8 778	17 740	227	26 745	2 152	24 177	4 720	28 897
1975	11 214	15 149	232	26 595	1 812	24 216	4 191	28 407
1980	16 848	12 318	453	29 619	2 067	26 873	4 813	31 686
1985	18 365	13 514	963	32 842	2 558	30 665	4 735	35 400
1986	20 531	14 002	993	35 526	2 601	33 142	4 985	38 127
1987	22 723	13 075	1 023	36 821	2 682	34 392	5 111	39 503
1988	22 472	13 326	989	36 787	2 594	34 334	5 047	39 381
1989	20 336r	12 543r	807	33 686r	2 506	31 198r	4 994	36 192r
1990	16 871r	9 650r	1 567r	28 087r	2 437r	23 130r	7 395r	30 524r
1991	17 035r	8 248r	1 901r	27 183r	2 412r	22 118r	7 476r	29 595r
1992	20 597	6 561	1 746	28 905	2 267	22 931	8 240	31 171
1993	24 037e	5 912e	2 371e	32 319e	2 284e	26 910e	7 694e	34 604e
Ontario								
1970	5 154	10 639	191	15 984	811	13 250	3 545	16 795
1975	5 267	7 929	142	13 338	878	11 002	3 214	14 216
1980	9 061	10 803	113	19 977	1 345	16 481	4 841	21 322
1985	12 238	13 805	7	26 050	2 175	22 035	6 190	28 225
1986	13 009	14 841	9	27 859	2 327	23 539	6 647	30 186
1987	12 618	14 770	9	27 397	2 295	23 170	6 522	29 692
1988	13 034	14 061	13	27 108	2 230	22 607	6 731	29 338
1989	12 601	14 784	17	27 402	2 240	22 864	6 778	29 642
1990	10 080e	11 751e	1 238e	23 070e	2 350e	19 345e	6 075e	25 420e
1991	10 075e	9 754e	1 372e	21 200e	2 629e	18 265e	5 565e	23 829e
1992	10 780e	10 025e	1 227e	22 033e	2 253e	19 008e	5 278e	24 286e
1993	12 740e	9 254e	1 160e	23 155e	2 278e	20 048e	5 384e	25 432e

I - 2. Estimation of Roundwood Production by Province, Category, and Species Group, 1970-1993 (continued)

(Thousands of cubic metres)

Year	Industrial roundwood			Total	Fuelwood	Total		Total
	Logs and bolts	Pulpwood	Other roundwood		Total	Softwoods	Hardwoods	
Manitoba								
1970	314	664	98	1 076	184	1 030	230	1 260
1975	504	1 274	88	1 866	156	1 838	184	2 022
1980	688	1 458	82	2 228	107	2 131	204	2 335
1985	480	1 065	48	1 593	124	1 594	123	1 717
1986	604	927	59	1 590	113	1 589	114	1 703
1987	741	1 008	39	1 788	99	1 781	106	1 887
1988	672	1 089	23	1 784	99	1 796	87	1 883
1989	719	993	44	1 756	92	1 727	121	1 848
1990	632e	796	28e	1 456e	108e	1 456e	107e	1 563e
1991	531	629	31	1 191	87	1 144	134	1 278
1992	558	951	12	1 521	77	1 475	123	1 598
1993	515	916	24	1 455	84	1 374	165	1 539
Saskatchewan								
1970	608	1 253	259	2 120	256	1 978	398	2 376
1975	713	1 305	74	2 092	221	1 849	464	2 313
1980	1 520	1 569	122	3 211	119	2 928	402	3 330
1985	1 220	1 056	591	2 867	149	2 624	392	3 016
1986	1 433	1 193	713	3 339	190	3 079	450	3 529
1987	1 505	1 230	731	3 466	200	3 201	465	3 666
1988	1 458	1 157	1 024	3 639	179	3 387	431	3 818
1989	1 480	1 017	1 011	3 508	177	3 141	544	3 685
1990	1 407	1 180	56	2 643	115e	1 910e	847e	2 758e
1991	1 320	1 470	46	2 836	121e	1 769e	1 188	2 957e
1992	1 508e	1 426e	55e	2 989e	92e	1 684e	1 398e	3 081e
1993	2 111	2 135	113	4 359	74	2 524	1 910	4 433

I - 2. Estimation of Roundwood Production by Province, Category, and Species Group, 1970-1993 (concluded)

(Thousands of cubic metres)

Year	Industrial roundwood			Total	Fuelwood	Total		Total
	Logs and bolts	Pulpwood	Other roundwood		Total	Softwoods	Hardwoods	
Alberta								
1970	3 186	690	115	3 991	152	3 977	166	4 143
1975	2 944	1 745	144	4 833	130	4 802	161	4 963
1980	3 925	1 331	609	5 865	68	5 802	131	5 933
1985	6 786	2 041	53	8 880	99	8 060	919	8 979
1986	8 556	1 698	44	10 298	89	9 375	1 012	10 387
1987	9 199	1 205	29	10 433	63	9 396	1 100	10 496
1988	10 425	1 494	27	11 946	44	10 458	1 532	11 990
1989	10 773	1 453	26	12 252	41	10 641	1 652	12 293
1990	9 178	2 673r	24e	11 875e	36	9 522	2 388e	11 911e
1991	10 294r	2 566e	34	12 894r	32	10 162r	2 764r	12 926r
1992	11 829e	2 708e	24	14 560e	34	11 500e	3 093e	14 594e
1993	10 806	3 333	41	14 180	3	10 465	3 718	14 183
British Columbia^a								
1970	54 409	..	317	54 726	-	54 399	327	54 726
1975	49 942	..	128	50 070	8	49 562	516	50 078
1980	74 247	..	407	74 654	..	74 396	258	74 654
1985	76 622	..	246	76 868	..	76 868	.. ^b	76 868
1986	77 240	..	263	77 503	..	77 503	.. ^b	77 503
1987	90 108	..	483	90 591	..	90 591	.. ^b	90 591
1988	86 643	..	164	86 807	..	86 807	.. ^b	86 807
1989	87 070	..	344	87 414	..	87 414	.. ^b	87 414
1990	73 746r	1	113	73 860r	1	72 962r	898r	73 861r
1991	74 606r	..	100	74 706r	..	73 558r	1 147r	74 706r
1992	78 519	18	42	78 579	..	77 427	1 152	78 579
1993	77 776	--	227	78 004	..	76 846	1 158	78 004

^aPulpwood included in logs and bolts and fuelwood included in other roundwood.

^bIncluded with softwoods.

I - 3. Pulpwood Production for Domestic Consumption and Receipts of Wood Residues by Domestic Mills, 1970-1994

(Thousands of cubic metres)

Year	Pulpwood production for domestic consumption					Receipts of wood residues by domestic mills				
	Limit production ^a	Receipts		Total	Imports of pulpwood (subtract)	Net pulpwood production for domestic consumption	Wood chips	Veneer cores, slabs and edgings, sawdust, shavings, etc.	Total wood residues	Total
		at mill of purchased pulpwood (except B.C.)	of pulpwood by mills in B.C. ^b							
1970	26 469	14 266	9 442	50 177	222	49 955	16 984	960	17 944	67 898
1971	22 590	12 714	9 554	44 858	262	44 596	19 232	1 249	20 480	65 077
1972	24 092	11 935	9 128	45 155	389	44 766	21 495	1 875	23 370	68 136
1973	30 933	12 102	9 332	52 367	304	52 063	24 636	2 911	27 547	79 610
1974	35 479	14 684	9 843	60 005	626	59 379	28 407	2 569	30 976	90 355
1975	29 137	11 292	6 634	47 063	492	46 571	21 608	1 882	23 490	70 061
1976	24 157	11 415	7 673	43 245	503	42 742	31 467	2 552	34 019	76 761
1977	27 201	11 107	6 489	44 797	613	44 184	31 180	2 410	33 590	77 774
1978	27 930	12 092	6 037	46 059	618	45 441	33 489	2 766	36 255	81 696
1979	31 012	12 691	5 854	49 557	824	48 732	36 352	2 923	39 275	88 007
1980	28 758	15 229	6 478	50 466	614	49 852	37 206	2 768	39 974	89 826
1981	29 784	16 811	6 620	53 215	527	52 688	35 357	2 762	38 119	90 807
1982	21 906	13 875	6 087	41 867	529	41 338	30 703	2 643	33 346	74 684
1983	23 397	14 263	6 058	43 718	560	43 158	36 251	3 476	39 727	82 885
1984	26 002	16 441	5 756	48 199	609	47 591	36 964	4 157	41 121	88 712
1985	24 449	15 417	5 278	45 145	526	44 619	41 026	4 154	45 180	89 799
1986	23 966	16 276	5 569	45 812	329	45 483	42 261	4 403	46 664	92 147
1987	..	..	..	45 539	..	..	51 443	4 988	56 431	..
1988	..	..	..	46 812	..	..	51 527	4 753	56 280	..
1989	..	..	..	47 688	..	..	52 011	4 644	56 655	..
1990	..	..	..	42 067r	..	..	50 724	4 712	55 436	..
1991	..	..	..	40 640r	..	..	53 886r	4 946	58 832r	..
1992	..	..	..	35 975	..	..	56 513	5 492	62 005	..
1993	..	..	..	33 396	..	..	61 056	6 603	67 659	..
1994	..	..	..	35 873	--	--	66 098	6 945	73 043	..

^aLimit production means the volume produced from an owner's freehold lands or leased lands.

^bData on production of pulpwood as such are not available for British Columbia. The figures shown represent receipts of pulpwood.

Source: Statistics Canada Cat. No. 25-001.

I - 4. Lumber Production by Province and Species Group, 1950-1994

(Thousands of cubic metres)

Year	Species group	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Canada
1950	Softwoods	104	27	605	636	2 186	1 551	125	142	772	8 254	8	14 410
	Hardwoods	3	1	58	69	479	384	13	14	9	25	-	1 055
	Total	107	27	664	705	2 665	1 935	138	156	781	8 280	8	15 465
1960	Softwoods	67	20	525	581	2 119	1 098	65	145	718	12 511	14	17 862
	Hardwoods	1	--	23	75	514	386	16	14	8	7	-	1 045
	Total	68	20	548	656	2 633	1 484	82	159	726	12 518	14	18 907
1970	Softwoods	81	28	464	564	3 321	1 494	83	248	1 092	18 056	17	25 449
	Hardwoods	-	--	12	96	464	508	40	-	8	12	-	1 139
	Total	81	28	476	660	3 785	2 002	122	248	1 100	18 067	17	26 588
1975	Softwoods	68	28	374	609	4 309	1 917	164	263	1 003	17 566	10	26 312
	Hardwoods	1	-	13	71	479	396	29	-	-	3	-	993
	Total	70	28	387	680	4 787	2 313	193	264	1 003	17 569	10	27 305
1980	Softwoods	99	35	427	1 146	7 361	3 868	247	394	1 704	28 202	40	43 524
	Hardwoods	2	2	18	78	698	599	37	21	12	5	-	1 472
	Total	101	38	444	1 224	8 059	4 468	284	415	1 716	28 207	40	44 995
1981	Softwoods	77	35	379	865	7 030	3 717	191	440	1 926	24 544	32	39 237
	Hardwoods	2	7	24	59	354	471	31	11	19	3	-	980
	Total	79	42	403	924	7 384	4 181	222	452	1 945	24 547	32	40 217
1982	Softwoods	68	24	338	660	6 100	3 328	222	450	1 746	23 406	22	36 364
	Hardwoods	1	5	22	49	417	536	31	8	20	-	-	1 088
	Total	70	28	361	708	6 517	3 864	252	458	1 767	23 406	22	37 452
1983	Softwoods	86	38	405	1 124	8 515	3 606	172	457	2 447	30 774	-	47 624
	Hardwoods	2	-	18	66	326	511	40	-	77	4	-	1 043
	Total	88	38	423	1 190	8 841	4 117	212	457	2 524	30 778	-	48 666
1984	Softwoods	88	38	445	1 012	8 383	3 972	105	520	2 287	30 859	-	47 708
	Hardwoods	1	-	15	55	469	586	33	-	119	3	-	1 281
	Total	89	38	460	1 066	8 852	4 559	138	520	2 405	30 862	-	48 989
1985	Softwoods	35	11	378	1 244	9 482	4 502	163	482	2 687	32 116	-	51 099
	Hardwoods	12	-	49	60	438	445	4	-	-	3	-	1 010
	Total	47	11	426	1 304	9 920	4 946	167	482	2 687	32 119	-	52 109

I - 4. Lumber Production by Province and Species Group, 1950-1994 (concluded)

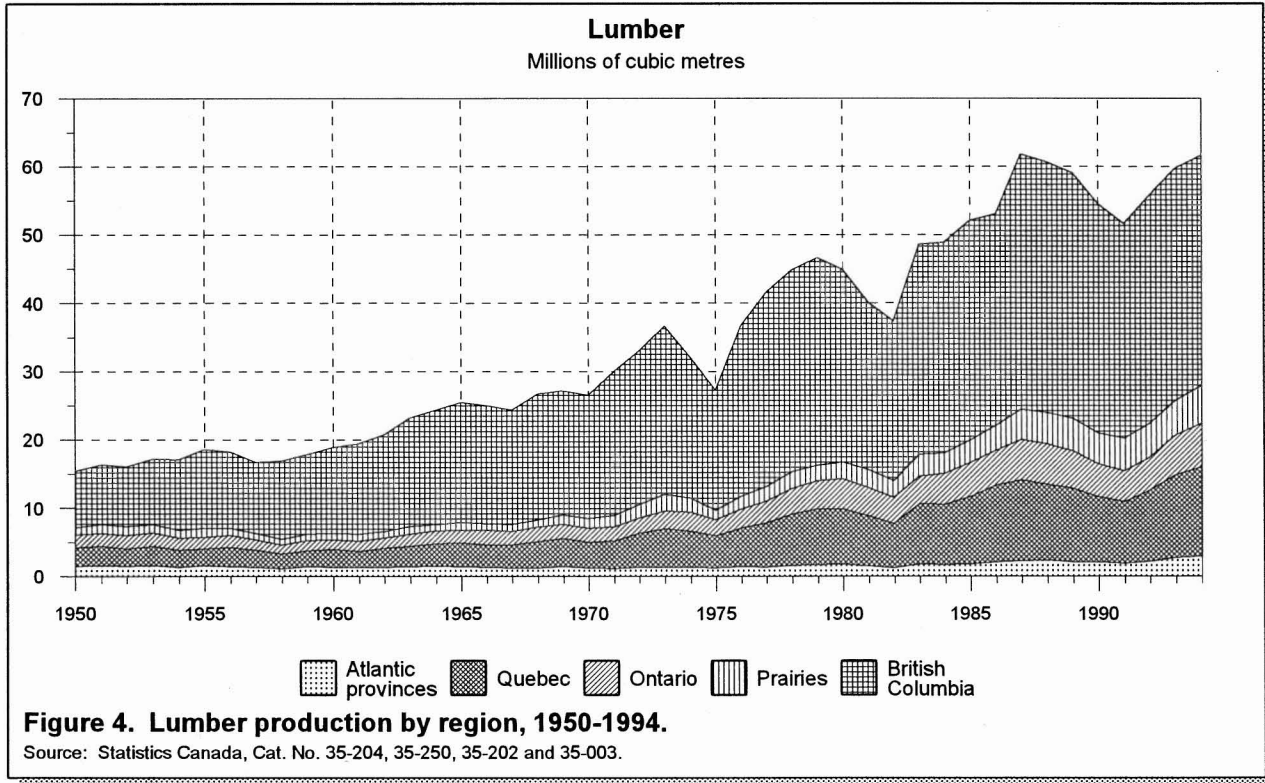
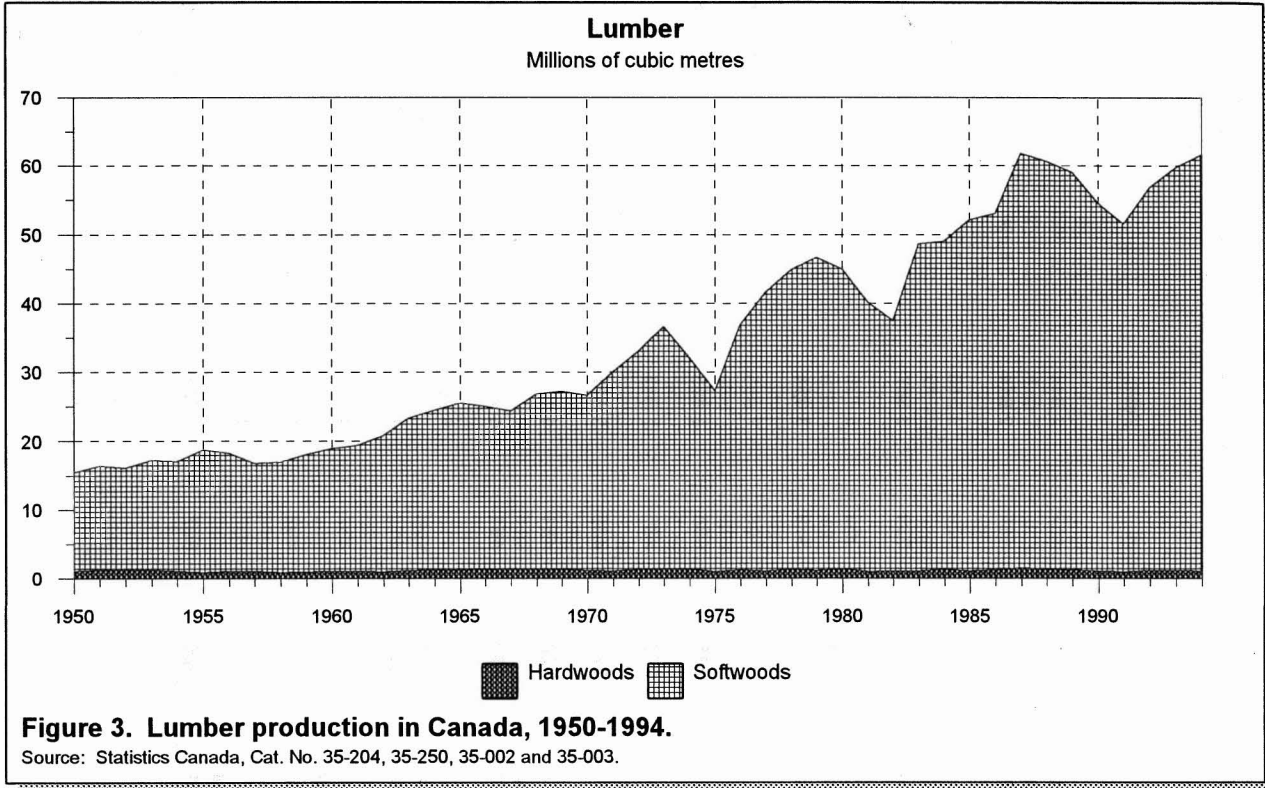
(Thousands of cubic metres)

Year	Species group	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Canada
1986	Softwoods	37	14	436	1 428	10 757	4 583	215	457	2 944	30 990	-	51 860
	Hardwoods	15	-	30	49	551	539	8	-	-	6	-	1 199
	Total	52	14	466	1 477	11 308	5 121	223	457	2 944	30 996	-	53 059
1987 ^a	Softwoods	-	-	466	1 664	11 338	5 161	283	529	3 516	37 332	-	60 289
	Hardwoods	-	-	18	52	597	703	43	-	72	3	-	1 487
	Total	-	-	484	1 716	11 935	5 864	325	529	3 587	37 336	-	61 775
1988 ^a	Softwoods	-	-	507	1 715	10 549	5 348	227	559	3 738	36 733	-	59 376
	Hardwoods	-	-	20	52	539	643	21	-	76	3	-	1 354
	Total	-	-	527	1 767	11 088	5 991	248	559	3 814	36 736	-	60 730
1989 ^a	Softwoods	-	-	503	1 518	10 231	4 915	274	598	3 855	35 947	-	57 842
	Hardwoods	-	-	16	47	538	607	21	-	-	4	-	1 233
	Total	-	-	519	1 565	10 769	5 522	295	598	3 855	35 952	-	59 075
1990 ^a	Softwoods	-	-	514	1 467	9 153	4 288	272	486	3 817	33 505	-	53 503
	Hardwoods	-	-	12	42	484	492	3	-	-	9	-	1 042
	Total	-	-	526	1 509	9 637	4 779	275	486	3 817	33 514	-	54 544
1991 ^a	Softwoods	-	-	450	1 350	8 573	4 058	228	451	4 130	31 404	-	50 644
	Hardwoods	-	-	11	41	453	465	3	-	-	2	-	975
	Total	-	-	461	1 391	9 026	4 523	230	451	4 130	31 406	-	51 618
1992 ^a	Softwoods	-	-	496	1 579	9 904	4 368	231	413	4 282	33 369	-	54 642
	Hardwoods	-	-	14	49	554	458	4	-	-	27	-	1 106
	Total	-	-	511	1 628	10 459	4 826	235	413	4 282	33 396	-	55 750
1993 ^a	Softwoods	-	-	588	1 923	11 853	4 995	324	462	4 368	33 935	-	58 448
	Hardwoods	-	-	-	65	742	287	5	-	-	7	-	1 106
	Total	-	-	588	1 988	12 595	5 282	329	462	4 368	33 942	-	59 554
1994 ^a	Softwoods	-	-	754	2 027	12 885	5 457	321	507	4 732	33 670	-	60 353
	Hardwoods	-	-	-	69	807	314	5	-	-	-	-	1 195
	Total	-	-	754	2 096	13 692	5 771	326	507	4 732	33 671	-	61 549

^a1950-1986 data from the annual Census of Manufactures, 1987-1994 data from the monthly survey.

Note: Figures for 1987 were revised in October 1990, figures for 1988 in September 1991, figures for 1989 in June 1992, figures for the period 1990-1991 in August 1993, figures for the period 1992 in December 1994, figures for 1993-1994 in July 1995.

Source: Statistics Canada Cat. No. 35-204, 35-250, 35-002, and 35-003.



I - 5. Shipments of Hardwood Lumber^a by Species Group, 1970-1993

Year	Maple	Yellow birch	White birch	Poplar, aspen, cottonwood	Elm	Basswood	Beech	Ash	Oak	Other ^b	Total hardwoods	Total softwoods and hardwoods
A. Quantity (1 000 m³)												
1970	391	270	33	27	41	37	12	7	12	229	1 059	25 857
1975	364	219	9	39	18	24	16	9	12	93	803	25 917
1980	331	172	29	67	7	28	19	13	40	127	833	40 348
1985	422e	155e	44e	227e	x	..	23e	26e	115e	87e	1 099 ^c	52 678e
1986	301e	253e	93e	237e	x	63e	31e	28e	170e	64e	1 240e	52 751e
1987	..	..	..	..	..	..	..	..	..	..	..	..
1988	201	156 ^d	..	108e	..	30e	15	..	123e	117	750	57 640
1989	235e	170 ^d	..	172e	..	28e	20e	..	124e	108	857e	56 783
1990	296e	156 ^d e	..	209e	..	23e	25e	..	139e	151	999e	53 523
1991	..	..	..	..	..	..	..	..	..	..	..	..
1992	232	145 ^d	..	277	..	16e	x	..	114e	111e	904e	48 524
1993	303	140 ^d	..	342e	..	21e	20	..	109	x	1 083e	56 278
B. Value (\$000 000)												
1970	23	15	1	1	2	2	-	-	1	11	56	925
1975	29	19	1	2	1	2	1	1	1	8	65	1 473
1980	43	24	4	6	1	4	2	2	9	15	110	4 005
1985	73e	28	7	28e	x	6e	4	5	36e	10e	194	5 537e
1986	53e	45e	13e	29e	x	9e	5	6e	51e	12e	223e	6 019e
1987e	39	25 ^d	..	17	..	5	3	..	45	27	161	6 425
1988	38	27 ^d	..	17e	..	5e	3	..	54	32	176	6 771
1989	44e	32 ^d	..	27e	..	6e	5e	..	56e	29	199e	6 676
1990	54	27 ^d	..	33e	..	4	5e	..	57	38	218	6 170
1991e	38	21 ^d	..	29	..	4	x	..	53	32	178	5 436
1992	50	29 ^d	..	39	..	4e	x	..	51	29	204	6 393
1993	84	33 ^d	..	46	..	5e	5	..	55	x	269	9 616

^aAs reported by sawmills and planing mills.

^bIncluding red alder in some cases.

^cIncluding elm and basswood (approximately 36 000 m³).

^dIncluding white birch.

^eIncluding elm (approximately \$1 000 000).

Note: Data not compiled by Statistics Canada for the 1987 and 1991 Survey of Manufactures.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

I - 6. Shipments of Softwood Lumber^a by Species Group, 1970-1993

Year	Spruce	Hemlock	Douglas-fir	Cedar	Jack and lodgepole pines	White pine	Ponderosa and red pine	Balsam fir	Yellow cypress	Other	Total softwoods	Total softwoods and hardwoods
A. Quantity (1 000 m³)												
1970	10 482	4 687	3 943	1 957	1 774	493	96	481	45	841	24 799	25 857
1975	13 701	3 549	2 510	1 945	2 409	423	77	263	114	122	25 113	25 917
1980	21 654	6 034	2 912	2 594	4 743	570	96	635	104	164	39 515	40 348
1985	35 936	5 587	2 753	3 333 ^b	2 073	823e	164e	650	217	43	51 579e	52 678e
1986	36 256	5 511	2 408	2 960	2 398	729	240e	762	247	-	51 511e	52 751e
1987	..	..	..	..	..	..	..	..	..	..	..	..
1988	39 453	6 099	3 504	3 258	2 340	505	144e	554	159	875	56 891	57 640
1989	x	5 792	2 765	x	2 048	593e	x	656e	x	..	55 926	56 783
1990	x	5 838	2 304	x	1 281	557e	180e	483	160	..	52 524	53 523
1991	..	..	..	..	..	..	..	..	..	..	..	..
1992	x	4 873	2 263	x	545	389	x	371	83	x	47 620	48 524
1993	42 501	5 563	2 668	x	x	368	x	406	x	..	55 195	56 278
B. Value (\$000 000)												
1970	333	168	146	92	54	26	4	17	3	27	870	925
1975	694	216	150	158	115	36	5	16	9	9	1 408	1 473
1980	1 831	742	322	420	383	83	11	58	28	16	3 894	4 005
1985	3 260	655	306	616 ^b	196	141	23e	62	50	31	5 340e	5 537e
1986	3 580	752	285	605	249	126	35e	74	87	3	5 796e	6 019e
1987e	x	902	426	745	185	118	23	60	61	..	6 263	6 425
1988	3 889	937	461	729	220	108	21	63	67	100	6 595	6 771
1989	x	980	393	x	201	114e	x	80e	x	..	6 477	6 676
1990	x	1 021	337	x	131	106	23e	63	50e	..	5 952	6 170
1991e	x	826	304	x	83	92	x	48	32	x	5 258	5 436
1992	x	891	399	x	61	76	x	46	25	x	6 189	6 393
1993	6 259	1 422	627	x	x	89	x	64	x	60e	9 347	9 616

^aAs reported by sawmills and planing mills.

^bIncluding shingles and shakes.

Note: Data not compiled by Statistics Canada for the 1987 and 1991 Survey of Manufactures.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

I - 7. Shipments of Softwood Lumber^a by Province, 1970-1993

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Quantity (1 000 m³)											
1970	46 ^a	4	398	594	3 089	1 244	61 ^a	222 ^a	1 149 ^a	18 009	24 799
1975	17	-	289	592	4 333	1 502	146 ^a	354 ^a	1 017 ^a	16 874	25 113
1980	12	x	260	928	7 013	2 833	198	344 ^a	1 519	26 399 ^a	39 515
1981	-	x	253	888	6 947	3 058	215 ^a	423 ^a	1 783	24 867 ^a	38 438
1982	x	x	229	584	5 956	2 584	164 ^a	387 ^a	1 701	22 954 ^a	34 563
1983	x	x	258	887	7 705	3 141	153 ^a	442	2 348	29 167	44 104
1984	x	x	273	968	8 117	3 553	135 ^a	481	2 683	29 859	46 583
1985	x	x	x	x	x	x	x	x	x	x	51 579
1986	36	13	..	1 433	..	4 638	207	x	..	x	51 511
1987	..	..	..	..	..	..	..	..	..	..	..
1988	x	10	x	1 693	10 386	4 289	244 ^e	553	3 458	36 156	56 891
1989	x	x	x	1 468 ^e	10 001	4 529	..	585	3 449 ^e	35 372	55 926
1990	x	x	x	1 377	9 528	3 957	..	..	3 787	32 817	52 524
1991	..	..	..	..	..	..	..	..	..	..	..
1992	x	x	375	1 278	9 789	3 469	172	404	3 323	28 714	47 620
1993	x	x	425	1 592	11 728	4 154	299	440	3 772	32 658	55 195
B. Value (\$000 000)											
1970	2 ^a	--	16	23	107	48	2 ^a	7 ^a	34 ^a	632	870
1975	1	-	22	39	232	91	10 ^a	17 ^a	49 ^a	949	1 408
1980	1	x	32	92	589	263	17	26 ^a	112	2 762 ^a	3 894
1981	-	x	31	84	571	289	18 ^a	32 ^a	131	2 364 ^a	3 521
1982	x	x	27	53	470	240	14 ^a	27 ^a	113	2 089 ^a	3 034
1983	x	x	34	88	702	329	16 ^a	40	201	3 092	4 504
1984	x	x	39	95	778	373	15 ^a	42	221	3 057	4 667
1985	x	x	x	x	x	x	x	x	x	x	5 340 ^e
1986	4	1	..	154	1 062	509	21	x	268	3 669	5 796 ^e
1987 ^e	x	x	x	x	975	413	22	45	279	4 331	6 263
1988	x	1	x	202	1 033	449	25	52	309	4 519	6 595
1989	x	x	x	162 ^e	979 ^e	478	29 ^e	59 ^e	331 ^e	4 412	6 477
1990	x	x	x	152	907	395	31	48	349	4 039	5 952
1991 ^e	x	x	27	135	896	320	17	36	324	3 492	5 258
1992	x	x	47	149	1 064	375	20	45	373	4 106	6 189
1993	x	x	68	226	1 565	542	43	65	583	6 251	9 347

^aWhere softwood lumber figures are not available, the total figure for softwood and hardwood is indicated.

Note: Data not compiled by Statistics Canada for the 1987 and 1991 Survey of Manufactures.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

I - 8. Wood Pulp Production by Category, 1950-1994
(Thousands of tonnes)

Year	Dissolving and special alpha, sulphite and sulphate	Chemical						Semi- chemical	Mechanical		Screenings chemical and mechanical	Pulp other than wood pulp	Total
		Sulphite		Sulphate			Groundwood		Defibrated and exploded				
		Bleached	Unbleached	Bleached	Semibleached	Unbleached							
1950	305	386	1 315	408	.. ^a	548	..	4 455	..	96	174	7 687	
1960	356	519	1 559	1 062	257	895	..	5 335	143	66	205	10 397	
1970	411	683	1 871	3 660	1 084	1 341	296	6 940	259	64	-	16 609	
1971	388	587	1 706	3 853	1 150	1 467	301	6 718	307	65	-	16 542	
1972	370	526	1 711	4 391	1 127	1 639	337	6 967	330	55	-	17 453	
1973	293	507	1 750	5 049	1 097	1 922	349	7 196	345	55	-	18 563	
1974	333	734	1 865	5 409	1 097	1 942	328	7 589	320	62	-	19 679	
1975	226	516	1 443	4 219	863	1 314	276r	6 007	263	28	-	15 155 r	
1976	222	609	1 648	5 265	1 037	1 560	312r	7 036	259	41	-	17 989 r	
1977	230	636	1 621	5 300	1 039	1 574	314r	7 226	243	34	-	18 217 r	
1978	341	516	1 787	5 871	1 054	1 942	383r	7 910	369	44	-	20 217 r	
1979	311	478	1 806	6 282	1 038	2 061	422r	7 956	397	45	-	20 796 r	
1980	313	405	1 763	6 754	1 182	1 689	402r	7 521	..	25	-	20 054 r	
1981	274	430	1 819	6 261	1 057	1 497	382r	7 652r	..	19	-	19 391 r	
1982	220	280	1 446	5 915	916	1 235	319r	6 888r	..	18	-	17 237 r	
1983	216	304	1 353	6 743	1 019	1 486	382r	7 938r	..	15	-	19 456 r	
1984	221	366	1 405	6 782	1 065	1 469	410r	8 682r	..	17	-	20 417 r	
1985	222	329	1 269	7 047	1 170	1 383	330r	8 714r	..	17	-	20 481 r	
1986	223	428	1 248	7 623	1 188	1 410	406r	9 253r	..	19	-	21 798 r	
1987	241	454	1 296	8 211	1 169	1 474	440r	9 820r	..	18	-	23 123 r	
1988	267r	441	1 298	8 383r	1 100	1 463r	430r	10 420r	..	16	..	23 818 r	
1989	273	415	1 212	8 445	1 055	1 356	432	10 507	..	13	..	23 708	
1990	221	428	1 023	7 937	863	1 360	465	10 522r	..	8	..	22 826	
1991	..	..^b	1 132	9 406	.. ^a	1 417	..	10 648	..	..	..	23 314 ^c r
1992	..	..^b	854	9 684	.. ^a	1 337	..	10 212	..	..	..	22 839 ^c
1993	..	..^b	822	9 668	.. ^a	1 384	434	10 588	..	..	..	22 896
1994	..	..^b	825	10 958	.. ^a	1 502	370	978	..	..	..	24 634

^aIncluded with sulphate-bleached wood pulp.

^bIncluded with sulphite unbleached wood pulp.

^cIncludes other pulp.

Note: Monthly data are not revised and therefore table I-8 does not match table I-9.

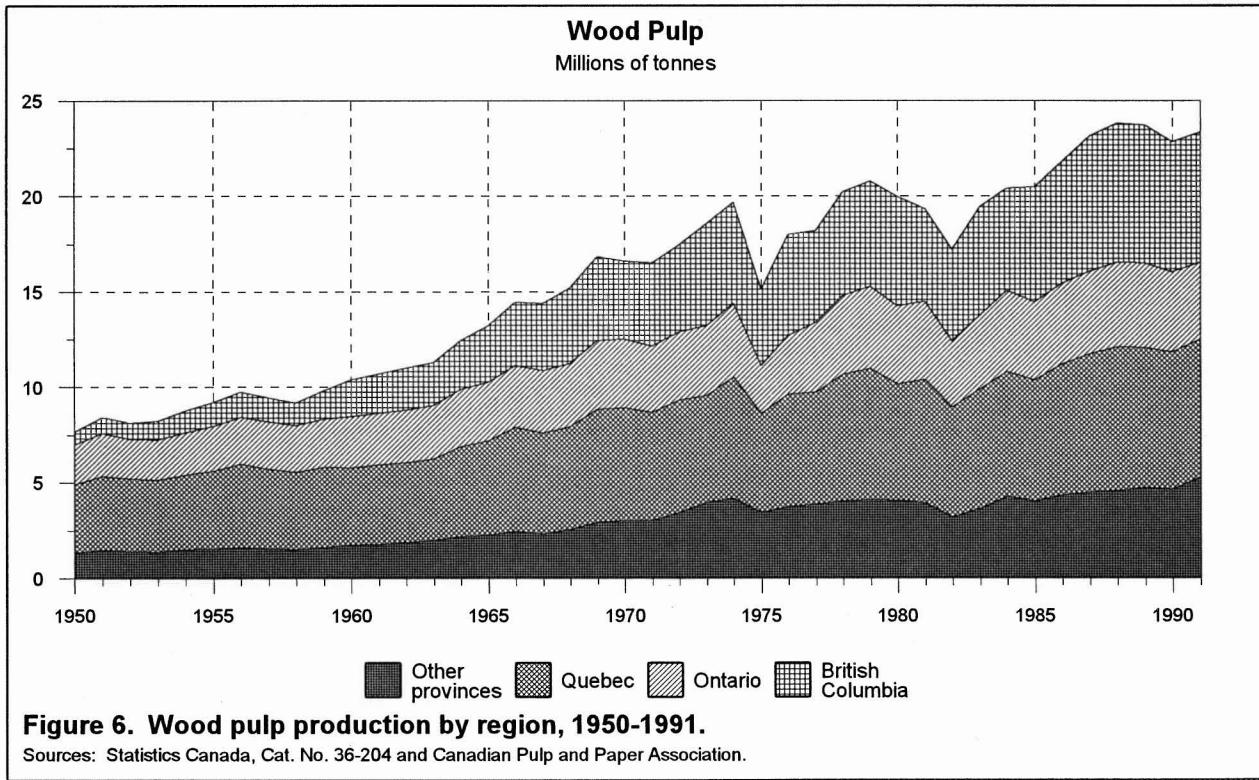
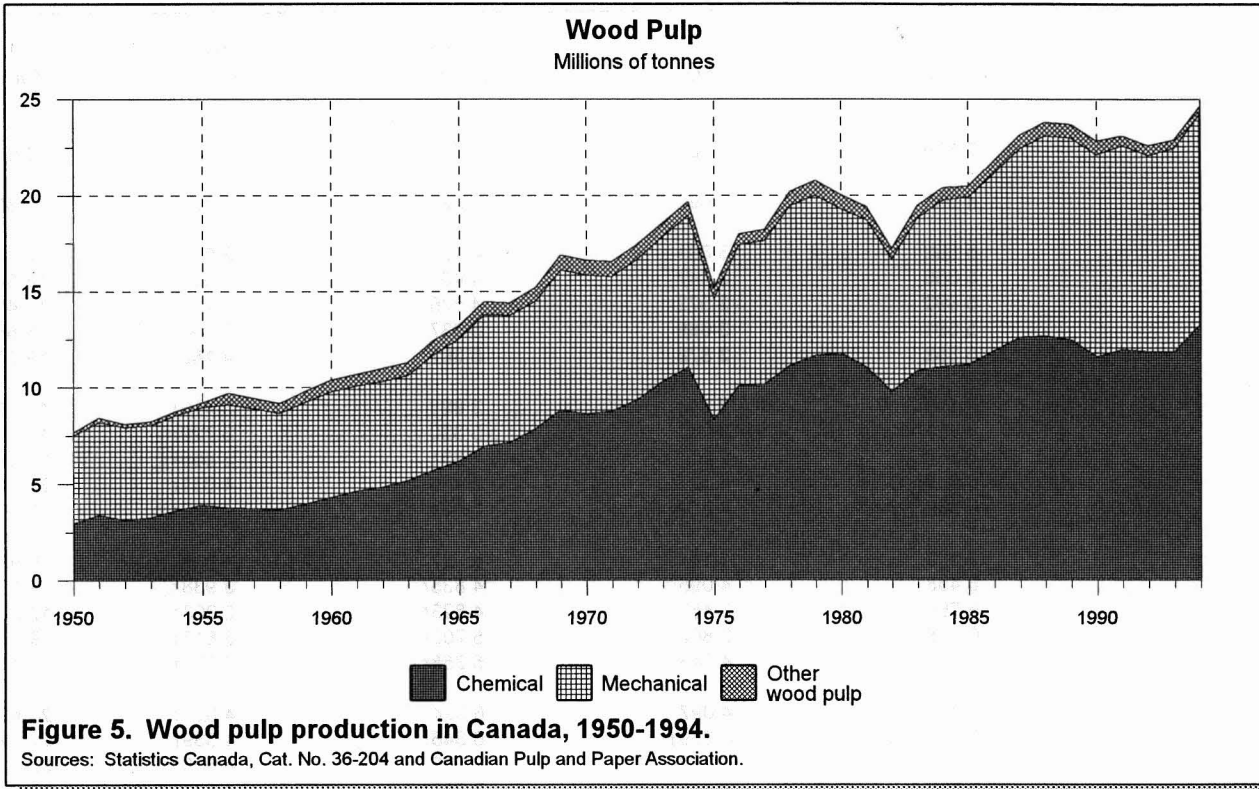
Sources: Statistics Canada Cat. No. 36-204 and 36-250. 1950-1979. Canadian Pulp and Paper Association Reference Tables 1995.

I - 9. Wood Pulp Production by Region, 1950-1994
(Thousands of tonnes)

Year	Quebec	Ontario	British Columbia	Other provinces	Canada
1950	3 559	2 085	705	1 339	7 688
1960	4 055	2 692	1 927	1 725	10 398
1970	5 898	3 601	4 100	3 011	16 609
1971	5 666	3 447	4 409	3 020	16 541
1972	5 893	3 572	4 576	3 412	17 453
1973	5 591	3 669	5 337	3 966	18 562
1974	6 352	3 878	5 267	4 182	19 679
1975	5 198	2 540	3 998	3 419r	15 156
1976	5 881	3 060	5 320	3 729r	17 990
1977	5 860	3 662	4 831	3 865r	18 218r
1978	6 632	4 127	5 426	4 031r	20 216r
1979	6 869	4 322	5 523	4 082r	20 796r
1980	6 109	4 101	5 727	4 048r	19 985r
1981	6 458	4 095	4 835r	3 938r	19 326r
1982	5 758	3 453	4 823r	3 203r	17 237r
1983	6 278	3 862	5 702r	3 613r	19 455r
1984	6 538	4 243	5 358r	4 278r	20 417r
1985	6 331	4 097	6 024	4 029r	20 481r
1986	6 854	4 259r	6 346r	4 339r	21 798r
1987	7 208	4 372	7 035	4 508r	23 123r
1988	7 550	4 446r	7 251r	4 571r	23 818r
1989	7 327	4 458	7 181r	4 742	23 708
1990	7 217	4 188	6 799	4 626	22 830r
1991	7 243	4 045	6 766	5 275	23 329
1992	..	..	..	..	22 839
1993	..	..	..	..	22 896
1994	..	..	..	..	24 634

Note: Approximately 76% of the wood pulp is used in production of paper and board in Canada.
Monthly data are not revised and therefore table I-8 does not match table I-9.

Sources: Statistics Canada Cat. No. 36-204, 1950-1979. Canadian Pulp and Paper Association *Reference Tables 1994* and special compilation.



I - 10. Shipments of Wood Pulp by Category, 1960-1994

Year	Dissolving and special alpha	Chemical					Mechanical	Total
		Sulphite		Sulphate				
		Bleached	Unbleached	Bleached	Semibleached	Unbleached		
A. Quantity (1 000 t)								
1960	347	416	226	996	151	347	314	2 798
1970	394	555	238	3 437	706	413	304	6 046
1975	210	462	105	3 853	467	329	224	5 650
1980	272	400	133	6 132	671	233	325	8 165
1981	266	406	115	5 874	604	245	327	7 836
1982	220	288	82	5 443	513	186	280	7 012
1983	x	353	x ^a	6 377	591	198	477	8 301 ^b
1984	x	331	x ^a	6 397	540	165	653	8 272 ^b
1985	x	422	x ^a	6 785	630	x	583	8 688 ^b
1986	x	475	x ^a	7 462	619	x	682	9 510 ^b
1987	..	..	..	..	..	..	..	10 026 ^b
1988	..	..	..	..	..	..	..	10 123 ^b
1989	..	..	..	..	..	..	..	10 008 ^b
1990	..	..	..	..	..	..	..	9 324 ^b
1991	..	247	.. ^a	6 377	..	137	986	7 747 ^b
1992	..	193	.. ^a	6 429	..	115	1 108	7 845 ^b
1993	..	157	.. ^a	6 728	..	123	1 124	8 132 ^b
1994	..	181	.. ^a	7 981	..	100	1 405	9 667 ^b
B. Value (\$000 000)								
1960	59	61	27	145	17	33	26	369
1970	77	86	32	544	102	52	21	913
1975	87	161	31	1 392	168	101	43	1 983
1980	166	201	56	3 176	349	103	89	4 141
1981	170	206	50	3 057	319	117	86	4 005
1982	144	143	33	2 651	253	86	74	3 384
1983	x	164	x ^a	2 775	254	72	128	3 519
1984	x	156	x ^a	3 410	289	79	201	4 309
1985	x	198	x ^a	3 090	279	x	184	3 964
1986	x	255	x ^a	3 747	318	x	237	4 786
1987e	..	1 341	x ^a	..	4 444	x	433	x
1988	..	1 608	x ^a	..	4 902	x	493	x
1989	..	789	x ^a	..	6 161	x	385	x
1990	..	x	x	x	5 786	x	330	x
1991e	..	x	x	x	4 318	x	358	x
1992	x	x	x	x	4 353	x	381	x
1993	217	x	x	x	3 668	x	459	x

^aUnbleached included with bleached.

^bCanadian Pulp and Paper Association.

Note: Data (value) not compiled by Statistics Canada for the 1987 Survey of Manufactures. As of 1991, quantity data refers only to market pulp.

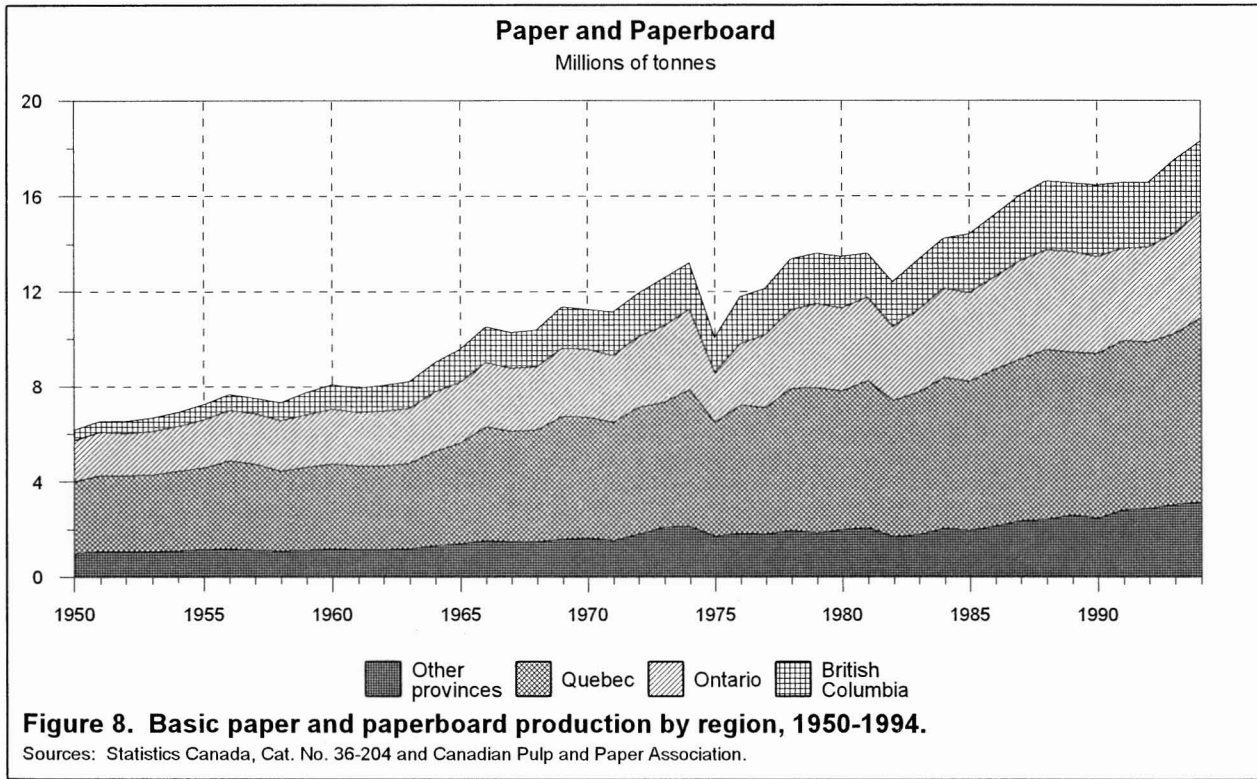
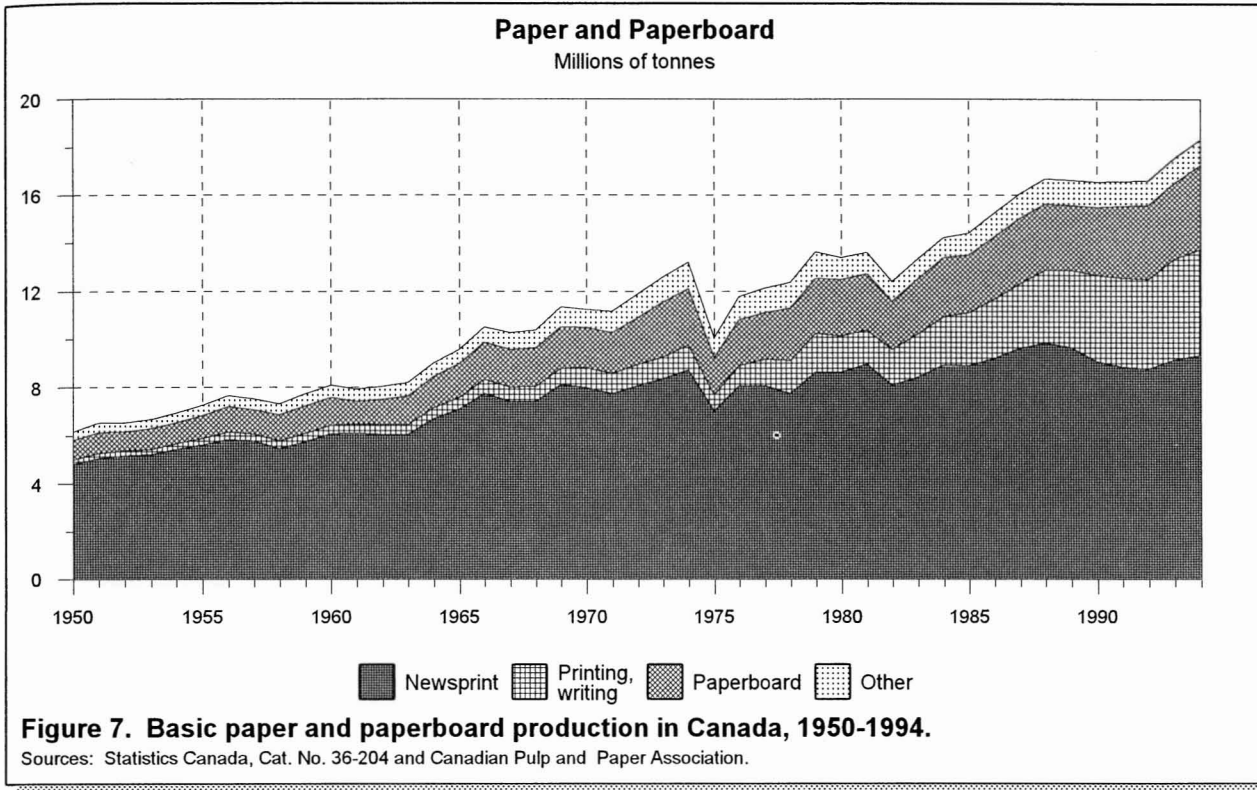
Sources: Statistics Canada Cat. No. 36-204 and 36-250 and Canadian Pulp and Paper Association *Reference Tables 1995*.

I - 11. Shipments of Wood Pulp from Province of Origin to Point of Destination, 1980-1994
(Thousands of tonnes)

Point of destination/ year	Province of origin				Canada
	Quebec	Ontario	British Columbia	Other provinces	
A. Canada					
1980	543	341	132	173	1 189
1985	514	492	256	239	1 501
1988	602	430	302	371	1 705
1989	644	439	246	329	1 658
1990	610	369	250	388	1 617
1991	654	426	204	156	1 440
1992 ^a	278	201	114	120	713
1993 ^a	286	206	123	131	746
1994 ^a	300	224	156	157	837
B. United States					
1980	442	948	813	1 230	3 433
1985	383	921	879	1 227	3 410
1988	427	1 049	947	1 264	3 686
1989	411	1 063	959	1 254	3 687
1990	381	994	897	1 345	3 617
1991	379	984	838	1 458	3 659
1992 ^a	460	655	578	684	2 377
1993 ^a	399	635	616	803	2 453
1994 ^a	422	702	704	934	2 762
C. Other countries					
1980	238	115	2 689	729	3 771
1985	186	117	2 592	705	3 600
1988	334	155	3 251	732	4 471
1989	434	105	3 345	779	4 663
1990	428	61	2 795	787	4 071
1991	441	106	3 302	1 110	4 959
1992 ^a	452	136	3 123	1 275	4 986
1993 ^a	424	63	3 301	1 145	4 933
1994 ^a	508	100	3 906	1 554	6 068
D. Total shipments					
1980	1 222	1 405	3 635	2 132	8 393
1985	1 083	1 530	3 727	2 171	8 511
1988	1 363	1 634	4 499	2 366	9 862
1989	1 489	1 607	4 550	2 362	10 008
1990	1 419	1 424	3 942	2 520	9 305
1991	1 474	1 516	4 345	2 725	10 059
1992 ^a	1 189	991	3 815	2 081	8 076
1993 ^a	1 109	903	4 040	2 080	8 132
1994 ^a	1 230	1 026	4 766	2 645	9 667

^aTotal pulp shipments are no longer reported by the CPPA. As of 1992 data refers to market pulp only.

Source: Canadian Pulp and Paper Association monthly survey, special compilation.



I - 12. Basic Paper and Paperboard Production by Category, 1950-1994

(Thousands of tonnes)

Year	Newsprint	Book and writing	Sanitary	Tissue other than sanitary	Wrapping ^a	Building paper	Paperboard	Total
1950	4 825	194	59	11	202	83	796	6 180
1960	6 068	366	113	22	292	75	1 159	8 095
1970	7 996	821	199	19	438	101	1 678	11 252
1975	7 010	679	241	17	431	146	1 542	10 066
1976	8 063	842	288	16	526	149	1 908	11 791
1977	8 066	1 116	292	19	556	143	1 944	12 136
1978	8 739	1 377	314	17	628	129	2 171	13 376
1979	8 642	1 606	343	19	617	125	2 290	13 641
1980	8 625	1 509	377 ^b	..	533	..	2 344	13 388
1981	8 950 ^r	1 432	388 ^b	..	490	..	2 347	13 603
1982	8 097 ^r	1 487 ^r	375 ^b	..	454	..	1 982	12 395 ^r
1983	8 414 ^r	1 793 ^r	385 ^b	..	472	..	2 286	13 350 ^r
1984	8 917 ^r	2 042 ^r	399 ^b	..	430	..	2 440	14 228 ^r
1985	8 890 ^r	2 227 ^r	447 ^b	..	487	..	2 374	14 425 ^r
1986	9 202 ^r	2 485 ^r	459 ^b	..	541	..	2 573	15 260 ^r
1987	9 630 ^r	2 692 ^r	456 ^b	..	567	..	2 721	16 066 ^r
1988	9 840 ^r	3 053 ^r	488 ^b	..	568	..	2 732	16 681 ^r
1989	9 640	3 232	528 ^b	..	525	..	2 703	16 628 ^r
1990	9 068	3 599	559 ^b	..	492	..	2 828	16 546 ^r
1991	8 855	3 688	549 ^b	..	481	..	2 995	16 568 ^r
1992	8 753	3 742	558 ^b	..	468	..	3 074	16 595 ^r
1993	9 136	4 194	571 ^b	..	487	..	3 146	17 534
1994	9 321	4 429	580 ^b	..	505	..	3 481	18 317

^aIncluding sack kraft and other kraft paper.^bIncluding tissue other than sanitary.

Note: Monthly data are not revised and therefore Table I-13 does not match Table I-12.

Sources: Statistics Canada Cat. No. 25-202, 36-204. 1950-1979. Canadian Pulp and Paper Association *Reference Tables 1995*.

I - 13. Basic Paper and Paperboard Production by Category and Region, 1950-1994

(Thousands of tonnes)

Year	Quebec			Ontario			British Columbia	Other provinces	Canada		
	Newsprint	Other paper and paperboard	Total	Newsprint	Other paper and paperboard	Total	Total paper and paperboard	Total paper and paperboard	Newsprint	Other paper and paperboard	Total
1950	2 510	499	3 009	1 125	602	1 727	452	993	4 826	1 355	6 180
1960	2 863	680	3 543	1 459	855	2 313	1 043	1 195	6 068	2 027	8 095
1970	3 766	1 298	5 064	1 686	1 198	2 883	1 675	1 631	7 996	3 256	11 252
1975	3 529	1 236	4 765	1 140	959	2 099	1 477	1 725	7 010	3 056	10 066
1976	3 931	1 447	5 378	1 411	1 181	2 592	1 977	1 844	8 063	3 728	11 791
1977	3 726	1 560	5 286	1 610	1 476	3 086	1 952	1 813	8 066	4 070	12 136
1978	4 124	1 830	5 954	1 663	1 654	3 317	2 137	1 967	8 739	4 637	13 376
1979	4 075	1 996	6 071	1 743	1 810	3 553	2 154	1 863	8 642	4 999	13 641
1980	3 921	1 886	5 807	1 756	1 764	3 520	2 165	1 997	8 625	4 863	13 488
1981	4 287	1 869	6 156	1 774	1 755	3 529	1 874	2 067	8 951	4 675	13 626
1982	4 062	1 643	5 705	1 485	1 642	3 127	1 872	1 702	8 108	4 298	12 406
1983	4 075	1 890	5 965	1 639	1 831	3 470	2 148	1 778	8 485	4 876	13 361
1984	4 222	2 120	6 342	1 825	1 949	3 774	2 085	2 036	9 014	5 223	14 237
1985	4 118	2 132	6 250	1 722	2 017	3 739	2 486	1 971	8 988	5 451	14 439
1986	4 285	2 323	6 608	1 773	2 150	3 923	2 601	2 112	9 288	5 973	15 261
1987	4 487	2 306	6 793	1 840	2 295	4 135	2 753	2 369	9 669	6 374	16 044
1988	4 647	2 466	7 113	1 881	2 333	4 214	2 878	2 435	9 969	6 672	16 640
1989	4 321	2 503	6 824	1 871	2 402	4 273	2 846	2 613	9 678	6 878	16 556
1990	4 107	2 801	6 908	1 628	2 460	4 088	3 002	2 488	9 068	7 418	16 486
1991	4 004	3 086	7 090	1 555	2 374	3 929	2 725	2 828	8 977	7 598	16 575
1992	3 880	3 115	6 995	1 603	2 425	4 028	2 692	2 879	8 931	7 663	16 594
1993	3 672	3 515	7 187	1 640	2 603	4 243	3 067	3 037	9 136	8 398	17 534
1994	4 004	3 753	7 757	1 688	2 777	4 465	2 956	3 139	9 321	8 996	18 317

Note: Monthly data are not revised and therefore Table I-13 does not match Table I-12.

Sources: Statistics Canada Cat. No. 25-202, 36-204. 1950-1979. Canadian Pulp and Paper Association monthly survey, 1980-1991 and special request.

I - 14. Shipments of Basic Paper and Paperboard by Category, 1960-1994

Year	Newsprint	Book and writing paper	Sanitary	Tissue other than sanitary	Wrapping ^a	Building paper	Paperboard	Total
A. Quantity (1 000 t)								
1960	6 146	363	37	13	273	75	877	7 785
1970	7 951	798	93	14	439	98	1 600	10 994
1975	7 046	680	87	12	422	141	1 504	9 892
1980	8 419	1 617	133	16	538	151	2 267	13 140
1981	8 836	1 582	138	16	516	125	2 305	13 519
1982	7 740	1 684	129	15	448	120	1 926	12 062
1983	8 440	1 712	122	17	464	120	2 169	13 044
1984	8 992	1 974	163	..	467 ^b	122	2 348	14 066
1985 ^c	8 899r	2 218r	455 ^d	..	475	..	2 398	14 445
1986 ^c	9 214r	2 483r	467 ^d	..	549	..	2 599	15 313r
1987 ^c	9 718r	2 690r	472 ^d	..	562	..	2 698 r	16 140 r
1988 ^c	9 740r	3 017r	489 ^d	..	565	..	2 685 r	16 496 r
1989 ^c	9 607	3 204	538 ^d	..	518	..	2 695	16 562
1990 ^c	9 074	3 585	560 ^d	..	482	..	2 842	16 543
1991 ^c	8 605r	3 638r	556	..	459	..	3 003	16 261
1992 ^c	8 967r	3 728r	565	..	476	..	3 039	16 775r
1993 ^c	9 120	4 178	568	..	473	..	3 157	17 496
1994 ^c	9 437	4 523	598	..	519	..	3 522	18 599
B. Value (\$000 000)								
1960	793	106	9	5	66	8	140	1 128
1970	1 107	238	26	7	102	9	269	1 757
1975	1 847	346	47	10	180	19	412	2 861
1980	3 723	1 133	111	17	327	38	856	6 205
1981	4 386	1 205	133	19	327	36	959	7 065
1982	4 057	1 337	138	19	305	33	850	6 740
1983	4 156	1 364	119	21	306	31	966	6 962
1984	4 821	1 711	134	..	340 ^b	33	1 156	8 194
1985	4 958	x	x	x	370	x	x	..
1986	5 205	2 422	x	x	426	x	1 283	..
1987 ^e	5 764	x	x	x	x	x	x	..
1988	6 336	x	x	x	x	59	x	..
1989	5 605	x	217	x	x	68	x	..
1990	5 094	x	x	x	x	67	x	..
1991	4 617	x	193	x	x	45	x	..
1992	4 231	x	217	x	x	49 ^e	x	..
1993	x	x	238	x	x	61 ^e	x	..

^aIncluding sack kraft and other kraft paper.

^bTissue paper, other than sanitary, included with wrapping.

^cCanadian Pulp and Paper Association.

^dIncluding tissue other than sanitary.

Note: Data (value) not compiled by Statistics Canada for the 1987 Survey of Manufactures.

Sources: Statistics Canada Cat. No. 36-204, 36-250 and Canadian Pulp and Paper Association Reference Tables 1995.

I - 15. Shipments of Newsprint from Province of Origin to Point of Destination, 1980-1994
(Thousands of tonnes)

Point of destination/ year	Province of origin				Canada
	Quebec	Ontario	British Columbia	Other provinces	
A. Canada					
1980	523	161	189	108	980
1985	580	181	169	102	1 032
1988	708	221	194	105	1 227
1989	650	192	197	113	1 152
1990	576	175	210	115	1 075
1991	528	190	159	123	1 000
1992	559	186	156	142	1 043
1993	569	218	177	152	1 116
1994	535	214	182	180	1 111
B. United States					
1980	2 793	1 589	909	826	6 118
1985	3 182	1 564	1 005	923	6 674
1988	3 424	1 658	1 068	936	7 087
1989	3 222	1 659	1 028	889	6 798
1990	3 080	1 431	1 127	785	6 423
1991	2 842	1 349	841	720	5 753
1992	2 653	1 404	828	980	5 865
1993	2 581	1 397	1 028	799	5 805
1994	2 813	1 444	859	790	5 906
C. Other countries					
1980	585	9	225	705	1 524
1985	335	-	290	665	1 290
1988	467	-	359	728	1 554
1989	465	13	440	796	1 714
1990	449	22	417	689	1 576
1991	531	22	504	946	2 002
1992	604	19	608	1 004	2 235
1993	490	20	746	943	2 199
1994	721	41	642	1 016	2 420
D. Total shipments					
1980	3 900	1 759	1 323	1 639	8 622
1985	4 097	1 745	1 464	1 690	8 996
1988	4 598	1 879	1 621	1 769	9 867
1989	4 337	1 864	1 665	1 798	9 664
1990	4 105	1 628	1 754	1 588	9 075
1991	3 901	1 561	1 505	1 789	8 756
1992	3 816	1 609	1 592	2 126	9 143
1993	3 640	1 636	1 951	1 893	9 120
1994	4 070	1 699	1 683	1 985	9 437

Source: Canadian Pulp and Paper Association monthly survey, special compilation.

**I - 16. Shipments of Other Paper and Paperboard from Province of Origin
to Point of Destination, 1980-1994**
(Thousands of tonnes)

Point of destination/ year	Province of origin				Canada
	Quebec	Ontario	British Columbia	Other provinces	
A. Canada					
1980	1 401	1 326	376	220	3 323
1985	1 546	1 506	363	176	3 501
1988	1 546	1 644	434	219	3 844
1989	1 449	1 598	423	242	3 712
1990	1 378	1 534	402	273	3 587
1991	1 326	1 399	374	278	3 377
1992	1 370	1 350	373	277	3 370
1993	1 386	1 409	392	320	3 507
1994	1 550	1 534	410	363	3 857
B. United States					
1980	374	376	37	80	867
1985	621	485	224	32	1 362
1988	833	647	350	295	2 126
1989	968	774	367	411	2 520
1990	1 299	883	419	485	3 086
1991	1 505	969	350	514	3 338
1992	1 834	987	340	394	3 555
1993	1 971	1 135	349	637	4 092
1994	2 091	1 199	408	646	4 344
C. Other countries					
1980	117	58	421	71	667
1985	51	22	447	75	595
1988	59	23	441	129	652
1989	81	19	379	135	614
1990	130	23	426	156	735
1991	173	18	449	171	810
1992	94	59	403	148	704
1993	137	61	425	153	776
1994	200	52	492	217	961
D. Total shipments					
1980	1 892	1 760	834	371	4 857
1985	2 128	2 013	1 034	283	5 458
1988	2 438	2 314	1 225	644	6 621
1989	2 498	2 391	1 169	788	6 846
1990	2 806	2 441	1 247	915	7 409
1991	3 004	2 385	1 173	964	7 525
1992	3 298	2 396	1 116	819	7 629
1993	3 494	2 603	1 166	1 112	8 375
1994	3 841	2 785	1 310	1 226	9 162

Source: Canadian Pulp and Paper Association monthly survey, special compilation.

[REDACTED]

SECTION II

COMMODITY TRADE

Attention

Attention

Attention

As a Contracting party to the Convention on the Harmonized Commodity and Coding System (Harmonized System or HS), Canada is obliged to conform to its statistical nomenclature. The Harmonized System went into effect in Canada on January 1, 1988. It is to be adopted by all member countries of the United Nations.

Trade Statistics

Merchandise Trade Statistics are used to measure the change in the stock of material resources of the country resulting from the movement of merchandise into or out of Canada. They are reported and presented on Customs basis. On January 1, 1990 Canada entered into a Memorandum of Understanding (MOU) with the United States concerning the exchange of import data. As a consequence, each administration is using the other's import data to replace its own export data. Canada's international merchandise trade statistics are no longer derived exclusively from administrative records of Revenue Canada, Customs and Excise but from U.S. Customs records as well and are adjusted to conform with the National Accounts concepts and definitions. Canadian trade statistics are compiled according to the "General" system of trade as defined by the United Nations Statistical Office. This system, in principle, presents all goods entering the country (imports) and all goods leaving the country (exports).

Definitions

Domestic exports: Include goods grown, extracted, or manufactured in Canada, including goods of foreign origin that have been materially transformed in Canada.

Re-exports: Exports of goods of foreign origin that have not been materially transformed in Canada, including foreign goods withdrawn for export from bonded Customs warehouses.

Total exports: The sum of Domestic exports and Re-exports.

Imports: Include all goods that have crossed Canada's territorial boundary, whether for immediate consumption in Canada or for storage in bonded Customs warehouses.

Valuation

Imported goods: All transportation and associated costs arising in respect of the goods being appraised prior to and at the place of direct shipment to Canada are to be added to the price of the goods. Canadian imports are valued F.O.B. (free on board), place of direct shipment to Canada. The value excludes freight and insurance costs in bringing the goods to Canada from the point of direct shipment.

Exported goods: Valued or recorded at the values declared on export documents which usually reflect the transaction value, i.e. actual selling price, or in case of non-arm's-length transaction, the transfer price used for company accounting purposes. Most Canadian exports to overseas countries are valued at F.O.B. port of exit including domestic freight charges to that point but net of discounts and allowances. Canadian exports to the U.S.A. are valued F.O.B. place of lading net of freight charges, discounts and allowances.

Statistical Period

The reference period is the calendar month and the calendar year.

[REDACTED]

Country of origin/destination

Exports are attributed to the country that is the last known destination of the goods at the time of export. **Imports** are attributed to their country of origin, that is, the country in which the goods were grown, extracted, or manufactured, in accordance with the rules of origin specified by Revenue Canada, Customs and Excise. Prior to 1988, most imports were attributed to the country of export/consignment. The principal trade areas shown in this chapter are defined in section IX.B "User's guide - Trade area groupings."

Province of Origin/Clearance

Prior to April 1984, **export statistics** were presented by province of lading, indicating the province in which the goods were last loaded aboard a carrier for export. Since April 1984, for most commodities, trade data are presented by province of origin which represents the province in which the goods were grown, extracted, or manufactured. **Import statistics** by province of clearance indicate the province in which the goods were cleared by Customs either for immediate consumption or for entry into a bonded Customs warehouse. This may not always coincide with the province in which the goods are consumed.

Coding System

The Harmonized System is an international commodity classification (six-digit) developed under the auspices of the Customs Cooperation Council. It was extended to ten digits for imports to serve as the basis for Customs tariffs and international trade statistics. For export purposes the international six digit "root" was extended to eight digits. Canada adopted this system to replace the "Customs Tariff Schedule", as well as the "Canadian International Trade Classification" (CITC) and the "Export Commodity Classification" (XCC).

The Harmonized System is based on a fundamental principle - that goods are classified by what they are and not according to their stage of fabrication, use, made in Canada status, or any other such criterion.

For example, Export HS number 4407.10.31 is divided with each 'component' named as follows:

4407.10.31

- 44 Chapter (Wood and Articles of Wood; Wood Charcoal)
- 4407 Heading (Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or finger-jointed, of a thickness exceeding 6 mm)
- 4407.10 Subheading (Softwood)
- 4407.10.31 Export HS Number (Spruce, pine, and fir)

On the import side, the HS number has 10 digits, where the 7th and 8th serve as the basis for Customs tariffs and the last two are for Canadian domestic purposes.

Forestry products are classified in Chapters 44, 45, 47, 48 and one item in Chapter 6.

For a list of all the possible HS numbers and their accompanying description, the reader is referred to Statistics Canada *Canadian Export Classification*, Catalogue 12-578E.

More Information

More information concerning the "Harmonized System" is available in the manuals titled the "Customs Tariff" catalogue RV55-2/1988E (Canada Communication Group-Publishing, Ottawa, Canada K1A 0S9) and "The Canadian Export-Import Alphabetical Index" catalogue 12-579E (Statistics Canada) or by contacting the International Trade Division, Statistics Canada, Ottawa, Canada K1A 0T6.

In addition to the above-mentioned change, users should note that the country classification has been expanded to resemble the classification developed by the International Organization for Standardization (ISO) which has been adopted by most of the trading countries for Customs purposes.

Comparison of HS codes and XCC codes

The Harmonized System allows for more detailed information than the Export Commodity Classification System. Both sets of codes are compared as well as the major discrepancies on the following pages.

COMPARISON OF HS CODES AND XCC CODES

Forest products	Harmonized system commodity classification codes (HS) (since 1988)	Export commodity classification (XCC) (1960-1987)
A. Primary wood products		
Logs and bolts	4403.10.90, 4403.20.40, 4403.20.50, 4403.20.61, 4403.20.62, 4403.20.70, 4403.20.80, 4403.20.90, 4403.31.00, 4403.32.00, 4403.33.00, 4403.34.00, 4403.35.00, 4403.91.00, 4403.92.00, 4403.99.20, 4403.99.30, 4403.99.40, 4403.99.90.	231.12 - 231.79, 239.39.
Pulpwood	4403.20.31, 4403.20.39, 4403.99.11, 4403.99.19.	236.24 - 236.79, 238.61 - 238.69.
Wood chips	4401.21.00, 4401.22.00.	238.29.
Other primary products	0604.91.10, 4401.10.00, 4401.30.10, 4401.30.20, 4401.30.30, 4401.30.90, 4402.00.00, 4403.10.10, 4403.10.30 4403.20.10, 4403.20.23, 4403.20.29, 4404.10.00, 4404.20.00, 4501.10.00, 4501.90.00, 4502.00.00.	234.07 - 234.99, 238.55 - 238.99, 239.09, 239.99.
B. Wood-fabricated materials		
Lumber, softwoods	4407.10.10 - 4407.10.90.	331.30 - 331.59, 331.70, 331.76.
Lumber, hardwoods	4407.21.00 - 4407.99.90.	331.04 - 331.29, 331.65, 331.79.
Veneer, softwoods	4408.10.10, 4408.10.90.	337.33 - 337.39.
Veneer, hardwoods	4408.20.00 - 4408.90.99.	337.03 - 337.19.
Plywood, softwoods	4412.19.30, 4412.19.90, 4412.91.00, 4412.99.00.	338.72 - 338.79.
Plywood, hardwoods	4412.11.00, 4412.12.10, 4412.12.90, 4412.21.00, 4412.29.00.	338.34 - 338.59.
Shingles and shakes	4418.50.10, 4418.50.20, 4418.50.30.	333.03 - 333.09.
Waferboard	4410.10.10.	-
Particleboard	4410.10.90, 4410.90.00.	-
Fibreboard ^a	4411.11.00 - 4411.99.00.	-
Other wood products	4406.10.00, 4406.90.00, 4409.10.11 - 4409.10.99, 4409.20.11 - 4409.20.90, 4405.00.00, 4413.00.00, 4414.00.00, 4415.10.00 - 4416.00.20, 4417.00.10, 4417.00.90, 4418.10.00 - 4418.40.00, 4418.90.10 - 4418.90.90, 4420.10.00 - 4420.90.90, 4421.10.00 - 4421.90.90, 4503.10.00 - 4504.90.00, 4419.00.00.	333.20 - 333.99, 335.89, 336.09 - 336.99, 338.95 - 338.99, 339.08 - 339.99, 291.79, 740.76, 941.41, 950.55, 950.66, 961.39.

COMPARISON OF HS CODES AND XCC CODES (concluded)

Forest products	Harmonized system commodity classification codes (HS) (since 1988)	Export commodity classification (XCC) (1960-1987)
C. Wood pulp and paper products		
Wood pulp, chemical ^a	4702.00.00 - 4705.00.00, 4706.92.00, 4706.93.00.	340.19 - 340.49.
Wood pulp, mechanical ^a	4701.00.00, 4706.10.00, 4706.91.00.	340.70 - 340.99.
Newsprint	4801.00.00.	351.09.
Book and writing paper	4802.40.00, 4802.60.00, 4810.21.00 - 4810.29.00.	351.15 - 351.99.
Fine paper	4802.10.00, 4802.20.00, 4802.51.00 - 4802.53.00, 4805.40.00, 4805.60.00, 4806.30.00, 4809.20.00, 4810.11.00 - 4810.12.00, 4816.20.00.	352.33 - 352.99.
Tissue and sanitary paper	4802.30.00, 4803.00.00, 4813.10.00 - 4813.90.00.	353.25 - 353.99.
Converted paper	4808.10.00 - 4808.90.00, 4809.90.00, 4811.21.00 - 4811.29.00, 4811.39.00 - 4811.90.00, 4812.00.00, 4814.10.00 - 4814.90.00.	359.20 - 359.99.
Building paper and paperboard ^a	4805.50.00, 4807.10.00, 4811.10.10.	357.19 - 357.79, 358.05 - 358.49.
Wrapping and packaging paper	4804.21.00 - 4804.41.00, 4805.30.00, 4806.10.00 - 4806.20.00, 4806.40.00.	354.10 - 354.99.
Paperboard	4804.11.00 - 4804.19.00, 4804.42.00 - 4804.59.00, 4805.10.00 - 4805.29.00, 4805.70.00 - 4805.80.00, 4807.91.00 - 4807.99.00, 4810.31.00 - 4810.99.00, 4811.31.00.	356.10 - 356.99.
Other paper products	4707.10.00 - 4707.90.00, 4809.10.00, 4815.00.00, 4816.10.00, 4816.30.00 - 4816.90.00, 4817.10.00 - 4817.30.00, 4818.10.00 - 4818.90.00, 4819.10.00 - 4819.60.00, 4820.10.00 - 4820.90.00, 4821.10.00 - 4821.90.00, 4822.10.00 - 4822.90.00, 4823.11.00 - 4823.90.00.	291.30, 291.39 - 291.40, 847.20, 849.24, 850.66, 866.32, 895.20, 895.36, 901.01 - 901.99, 904.24, 904.32, 905.99, 950.37 - 950.49, 961.49.

^aSee page 32 for discrepancies between HS and XCC.

Commodity Classification

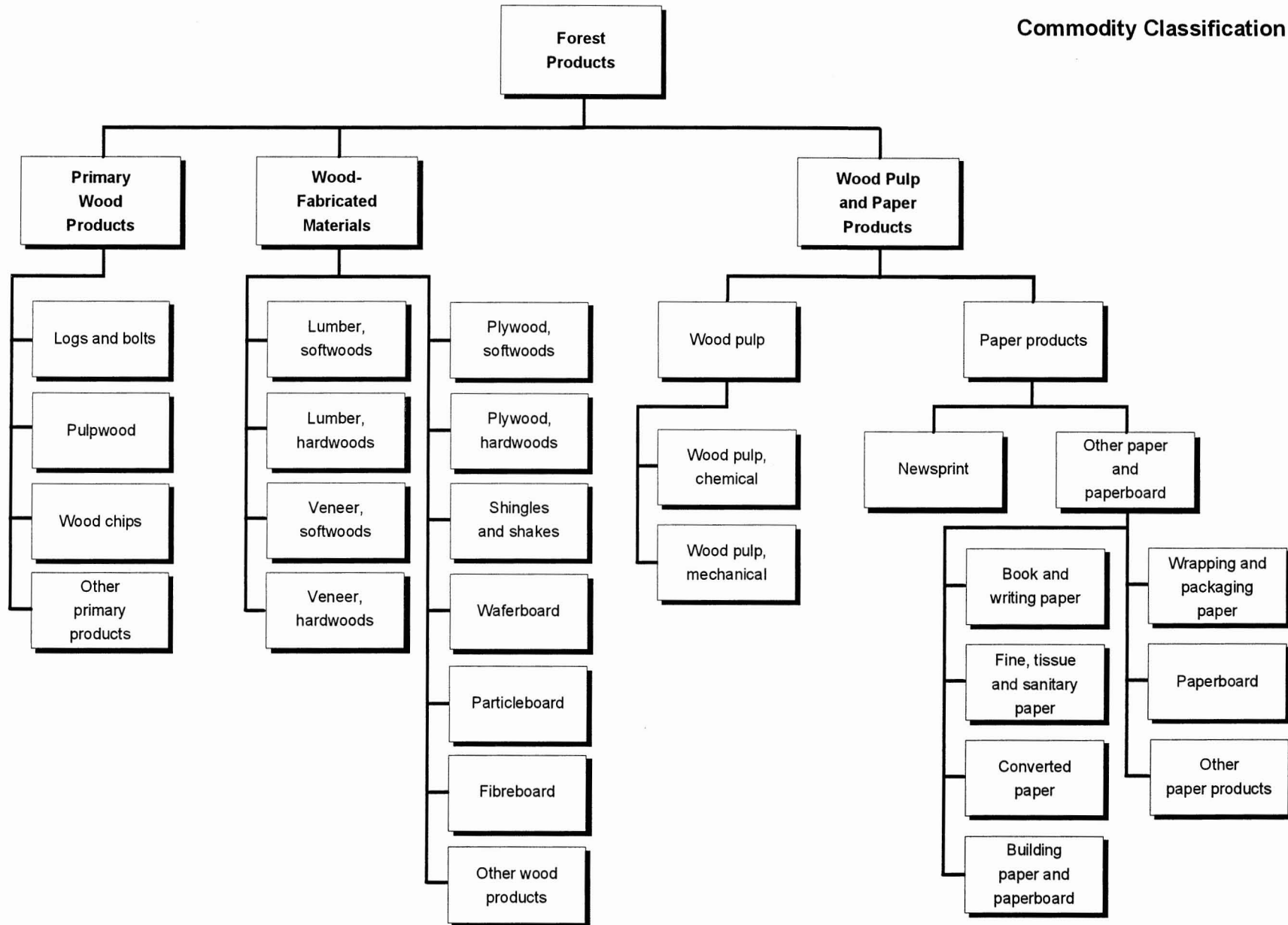


Figure 9. Commodity classification in the forest industry.

Source: Statistics Canada, International Trade Division.

DISCREPANCIES BETWEEN THE HARMONIZED SYSTEM (HS) AND THE EXPORT COMMODITY CLASSIFICATION (XCC)

The product code classification under the HS and the XCC is not strictly analogous and in some instances not comparable at all. The new HS classification offers more details and subgroups than the old XCC. During the conversion, we maintained the product groupings to minimize the discrepancies in the time series. Some arbitrary decisions were taken under the guidance of Statistics Canada in order to avoid splits and to make the HS conform to our specifications. Subgroupings not available in the XCC were introduced in the HS.

Major changes and/or additions:

Fibreboard:	<p>HS 4411.11.00 to 4411.99.00</p> <p>Definition: "Most often manufactured from wood chips which have been mechanically defibred (defibrated) or steam exploded or from other defibred ligno-cellulosic material".</p> <p>Because of the previous lack of details in this category, most of the products under this new heading used to appear in "Building paper and board". They will now be part of "Other wood-fabricated materials" under the heading "Fibreboard".</p>
Wood pulp:	<p>Includes mechanical and chemical pulp. Semi-chemical pulp was left as a component of the chemical pulp category.</p> <p>Mechanical - HS 4701.00.00 - mechanical pulp 4706.10.00 - cotton linters pulp 4706.91.00 - mechanical pulp of other fibrous cellulosic material</p> <p>Chemical: - chemical</p> <p style="padding-left: 40px;">HS 4702.00.00 - dissolving grades</p> <p>4703.00.00 - sulphate other than dissolving grades</p> <p>4704.00.00 - sulphite other than dissolving grades</p> <p>4706.92.00 - of other fibrous cellulosic material</p> <p style="padding-left: 40px;">- semi-chemical</p> <p style="padding-left: 40px;">HS 4705.00.00 - semi-chemical 4706.93.00 - of other fibrous cellulosic material</p>
Building paper and paperboard:	<p>Formerly "Building paper and board". The fibreboard component along with all other building materials without a paper base were removed from the definition in order to truly reflect the paper content of Chapter 48 of the HS.</p>
Other paper products:	<p>Broader definition than previously. It includes all the residual components of Chapter 48. Since the HS offers many more details, the data are now more complete. This category includes all the products made out of paper and not included in other headings (handkerchiefs, cleansing or facial tissues, serviettes, clothing accessories, etc.).</p>

II - 1. Balance of Trade by Major Commodity Group, 1993-1994

(Millions of dollars)

Commodity	1993			1994		
	Exports ^a (+)	Imports (-)	Net flow	Exports ^a (+)	Imports (-)	Net flow
A. Forest products	26 799	4 486	+ 22 314	32 530	4 759	+ 27 771
Lumber - Total	9 515	453	+ 9 062	11 447	517	+ 10 930
- Softwoods	9 185	154	+ 9 030	11 042	172	+ 10 870
Plywood, veneer	421	180	+ 241	512	193	+ 319
Particleboard and waferboard	685	45	+ 640	983	58	+ 924
Wood pulp	4 641	182	+ 4 459	6 711	210	+ 6 501
Newsprint	6 080	9	+ 6 071	6 264	8	+ 6 256
Other paper and paperboard	3 349	1 545	+ 1 805	4 058	1 791	+ 2 266
Pulpwood	8	97	- 88	19	124	- 105
Wood chips	103	23	+ 80	84	47	+ 37
Other crude wood materials	306	183	+ 123	281	247	+ 33
Other forest products	1 691	1 770	- 79	2 173	1 565	- 608
B. Farm products	11 297	9 292	+ 2 005	11 286	10 646	+ 640
Live animals	1 399	174	+ 1 225	1 347	215	+ 1 131
Food, feed, beverages, and tobacco	9 898	9 118	+ 780	9 939	10 430	+ 491
C. Fish products	2 654	996	+ 1 658	2 952	1 165	+ 1 787
D. Energy	20 138	6 979	+ 13 159	22 487	7 488	+ 15 001
Petroleum	10 934	6 261	+ 4 673	11 587	6 654	+ 4 933
Natural Gas	5 778	47	+ 5 731	6 717	85	+ 6 633
Coal	2 070	484	+ 1 586	2 289	523	+ 1 767
Electricity	857	85	+ 772	1 273	44	+ 1 229
Uranium	499	102	+ 397	621	182	+ 439
E. Metals and minerals	26 226	16 171	+ 10 055	31 151	19 476	+ 11 674
Mineral extraction and concentrating	9 704	3 234	+ 6 469	11 526	3 895	+ 7 631
Smelting and refining	9 179	3 558	+ 5 622	10 903	4 285	+ 6 618
Semi-fabrication	5 245	6 468	- 1 223	6 230	7 791	- 1 560
Metallic mineral	2 098	2 911	- 813	2 492	3 506	- 1 014
F. Other products	98 304	127 849	- 29 546	122 961	154 184	- 31 185
Chemicals and fertilizers - mineral	9 212	11 094	- 1 882	10 696	13 734	- 3 039
Chemicals and fertilizers - non-mineral ^b	..	..	..	..	..	..
Textiles	1 085	2 767	- 1 681	1 359	3 104	- 1 745
Machinery	6 853	13 220	- 6 367	9 355	16 637	- 7 283
Transportation and automotive products	56 133	46 217	+ 9 915	67 229	55 283	+ 11 946
Other products	25 021	54 551	- 29 531	34 322	65 426	- 31 064
Special trade transactions	2 097	4 349	- 2 252	2 496	4 881	- 2 385
G. Total	187 515	170 122	+ 17 393	225 863	202 599	+ 23 303

^aIncluding re-exports.

^bIncluded with chemicals and fertilizers - mineral.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 2. Canadian Exports^a (Value) by Commodity Group, 1970-1994

(Millions of dollars)

Year	Forest products							Agriculture				Chemicals and fertilizers		Energy		Mines		Re-exports ^a
	Lumber		Wood pulp	News-print	Other paper, paper-board	Other forest products	Total	Farm products ^b	Fish products	Mineral	Other	Mineral ^c	Electricity	Other metals and minerals ^e	Other products	Total		
	Soft-woods	Total																
1970	638	664	785	1 110	166	230	2 955	1 616	252	335	181	1 007	34	4 055	5 966	16 401	419	
1971	799	830	798	1 084	173	227	3 112	1 838	274	373	156	1 276	48	3 642	6 678	17 397	423	
1972	1 128	1 174	830	1 158	222	262	3 646	2 018	337	389	156	1 701	68	3 698	7 657	19 671	479	
1973	1 559	1 599	1 082	1 288	286	323	4 578	2 677	480	477	194	2 403	109	4 780	9 140	24 838	583	
1974	1 254	1 290	1 889	1 726	424	297	5 626	3 459	411	678	258	4 944	175	6 073	10 050	31 675	767	
1975	949	973	1 834	1 746	304	270	5 127	3 700	447	683	265	5 405	104	5 612	11 205	32 548	780	
1976	1 611	1 649	2 186	2 003	375	362	6 575	3 710	585	868	332	5 279	162	6 626	13 513	37 650	825	
1977	2 339	2 387	2 158	2 382	468	532	7 927	3 816	792	1 066	512	5 315	377	7 601	16 278	43 684	870	
1978	3 158	3 229	2 181	2 886	616	717	9 629	4 200	1 102	1 248	652	6 196	479	8 620	20 134	52 260	923	
1979	3 821	3 901	3 083	3 222	824	860	11 890	5 024	1 290	1 864	855	8 995	729	11 247	22 424	64 317	1 324	
1980	3 263	3 352	3 873	3 684	1 012	898	12 819	7 012	1 251	2 384	1 046	10 997	773	15 298	22 867	74 446	1 713	
1981	2 913	2 989	3 819	4 326	983	858	12 975	7 958	1 483	2 704	1 240	11 514	1 123	14 892	27 447	81 336	2 475	
1982	2 847	2 913	3 221	4 086	1 028	853	12 101	8 639	1 583	2 368	1 234	12 083	1 120	12 563	30 134	81 825	2 705	
1983	3 896	3 965	3 049	3 956	1 142	1 106	13 218	8 865	1 544	2 557	1 447	11 862	1 228	12 711	34 723	88 155	2 458	
1984	4 182	4 257	3 906	4 784	1 417	1 370	15 734	9 257	1 576	3 019	1 766	14 286	1 378	15 727	46 694	109 437	2 947	
1985	4 523	4 595	3 405	5 412	1 472	1 359	16 242	7 830	1 827	2 809	2 076	16 435	1 425	16 168	51 333	116 145	3 329	
1986	4 893	4 980	4 072	5 661	1 794	1 431	17 938	7 472	2 407	2 689	2 155	11 058	1 080	17 518	54 416	116 733	3 937	
1987	5 745	5 859	5 473	6 029	2 237	1 643	21 241	7 873	2 736	3 023	2 505	12 138	1 200	16 989	53 757	121 462	3 624	
1988	5 234	5 415	6 496	6 201	2 431	2 038	22 581	9 012	2 713	7 771 ^d	..	12 458	881	25 673	53 764	134 853	3 645	
1989	5 386	5 516	6 940	5 866	2 355	2 121	22 798	7 592	2 409	7 129 ^d	..	12 832	659	25 946	55 478	134 843	3 858	
1990	5 251	5 372	6 121	5 899	2 737	2 056	22 185	8 962	2 609	7 783	..	15 433	538	25 064	59 146	141 720	7 192	
1991r	5 027	5 151	4 937	5 859	2 802	1 925	20 674	9 602	2 443	7 540	..	15 756	554	23 582	58 368	138 519	7 487	
1992r	6 382	6 548	5 068	5 769	3 019	2 596	23 000	11 723	2 483	8 208	..	16 782	708	24 978	66 644	154 526	8 297	
1993r	9 180	9 451	4 641	6 079	3 325	3 189	26 685	11 216	2 573	9 062	..	19 281	857	26 226	81 722	177 622	9 894	
1994	11 011	11 388	6 711	6 263	4 035	4 022	32 419	11 165	2 557	10 526	..	21 214	1 273	31 151	102 383	212 688	13 174	

^aRe-exports shown separately.

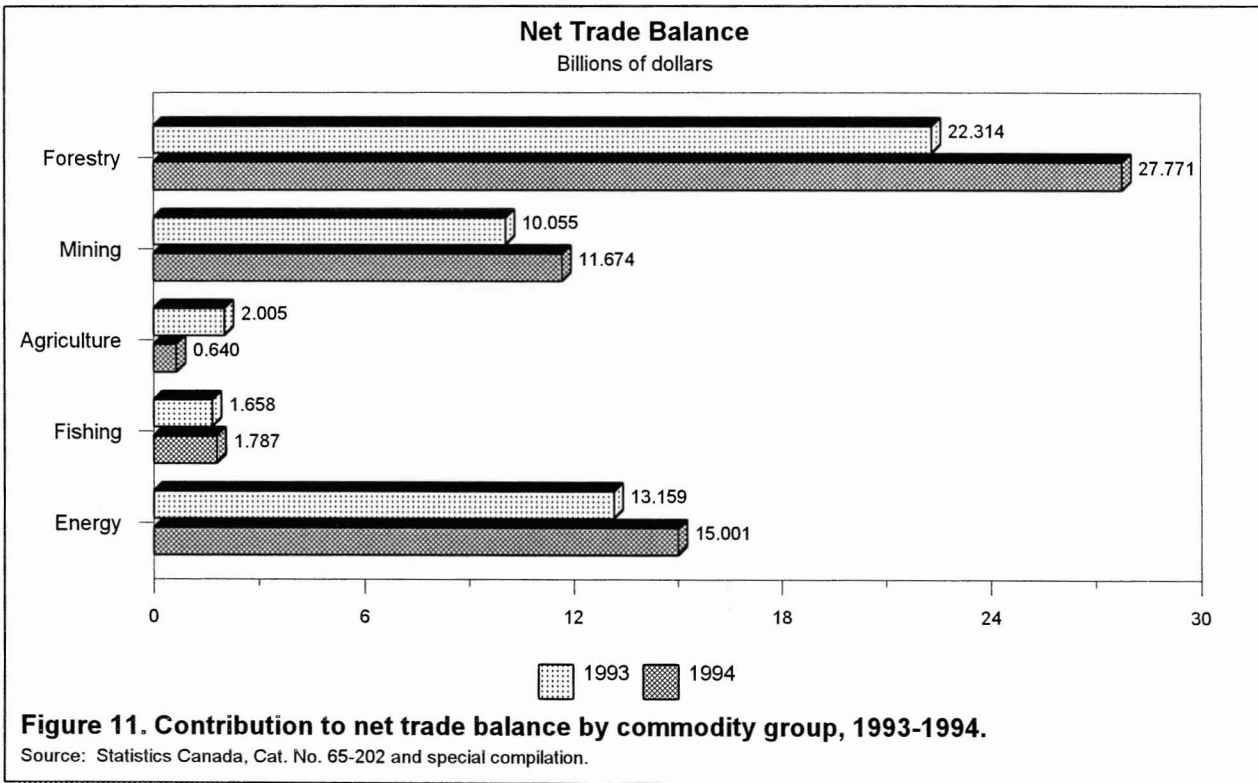
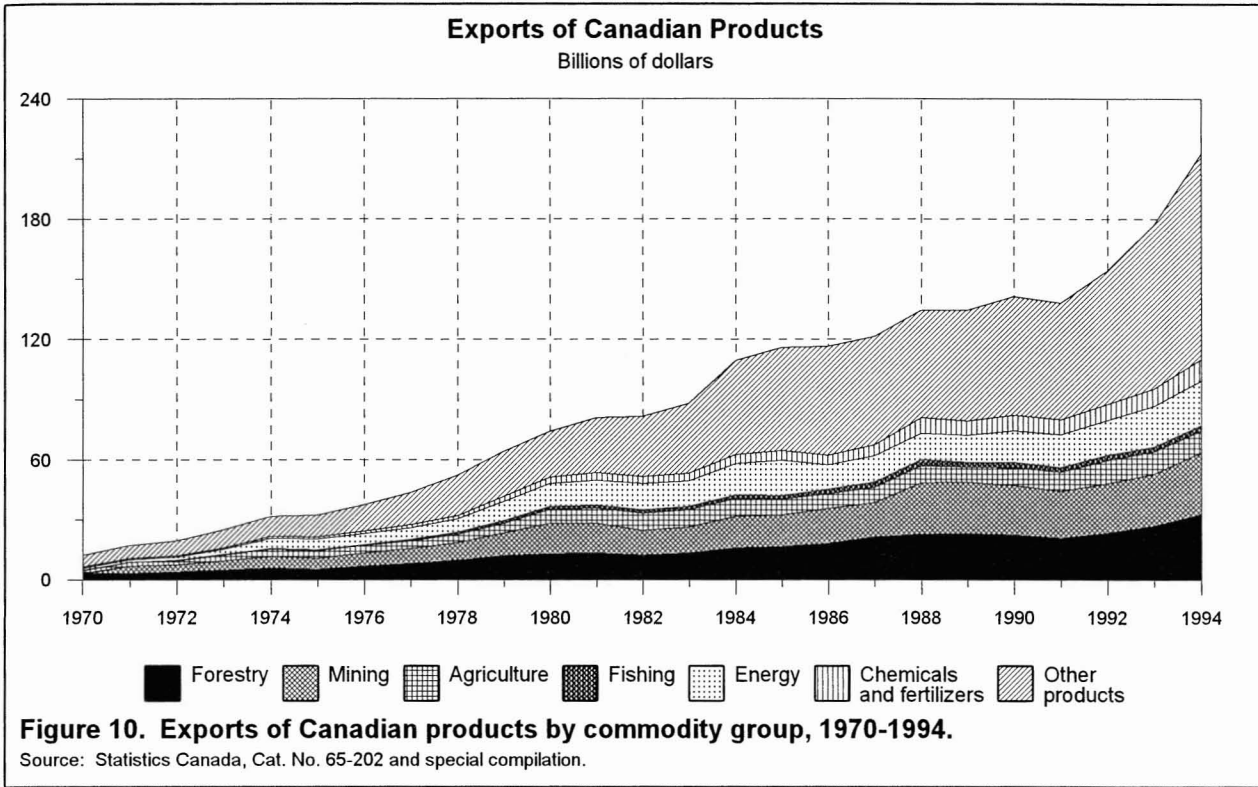
^bFarm products: Food, feed, and beverages, including live animals and tobacco.

^cEnergy - mineral: petroleum, natural gas, coal, and uranium.

^dIncludes chemicals and fertilizers - non-mineral.

^eOther metals and minerals: mineral extraction and concentrating, smelting and refining, semi fabrication and metallic minerals.

Sources: Statistics Canada Cat. No. 65-202, Natural Resources Canada Energy Statistics Handbook, Natural Resources Canada Mining Sector.



**II - 3. Domestic Exports^a of Forest Products (Value) by Province or Region of Lading, 1970-1983
and by Province or Region of Lading/Origin, 1984-1994**
(Millions of dollars)

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Province or region of lading														
1970	90	1	74	183	348	781	515	13	29	50	92	1 220	--	2 955
1971	76	--	80	199	355	779	498	16	32	53	101	1 379	--	3 112
1972	86	--	88	235	409	839	548	28	40	73	141	1 708	--	3 646
1973	119	1	116	300	536	906	662	36	51	92	179	2 294	--	4 578
1974	180	1	171	450	802	1 210	857	42	58	145	245	2 511	--	5 626
1975	160	1	178	435	774	1 197	747	38	56	167	261	2 148	--	5 127
1976	166	2	168	492	828	1 336	904	44	49	188	281	3 225	1	6 575
1977	198	1	201	545	945	1 604	1 264	56	55	220	331	3 780	2	7 927
1978	177	1	222	579	979	2 086	1 566	73	78	219	370	4 628	1	9 629
1979	229	5	264	674	1 172	2 601	1 956	85	91	289	465	5 696	--	11 890
1980	256	2	318	880	1 456	2 937	2 228	90	123	316	529	5 669	--	12 819
1981	325	1	356	962	1 644	3 386	2 497	124	141	329	593	4 854	1	12 975
1982	316	1	282	725	1 324	3 333	2 365	103	98	292	493	4 586	1	12 101
1983	246	1	231	754	1 231	3 301	2 686	103	114	329	545	5 453	--	13 218
B. Province or region of lading/origin														
1984	286	3	354	1 050	1 693	3 999	3 267	146	140	415	701	6 074	1	15 734
1985	318	2	357	1 025	1 701	4 140	3 437	178	105	407	690	6 274	1	16 242
1986	311	1	438	1 178	1 928	4 655	3 519	213	161	432	806	7 030	--	17 938
1987	372	1	508	1 388	2 269	4 907	3 738	190	223	550	963	9 364	--	21 241
1988	404	--	582	1 542	2 527	5 136	4 045	172	219	622	1 014	9 859	--	22 581
1989	377	2	525	1 505	2 409	5 090	3 903	222	275	730	1 227	10 168	--	22 798
1990	428	2	603	1 439	2 472	5 142	4 167	195	269	658	1 122	9 279	3	22 185
1991	439	3	513	1 334	2 288	5 066	3 804	165	198	709	1 072	8 444	--	20 674
1992	451	--	511	1 344	2 307	5 602	4 342	168	184	848	1 200	9 547	2	23 001
1993	455	1	498	1 329	2 283	6 460	4 944	209	272	749	1 231	11 763	4	26 685
1994	497	1	483	1 656	2 637	7 842	5 928	278	305	1 286	1 869	14 141	3	32 419

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

Exports by Region of Lading/Origin
Billions of dollars

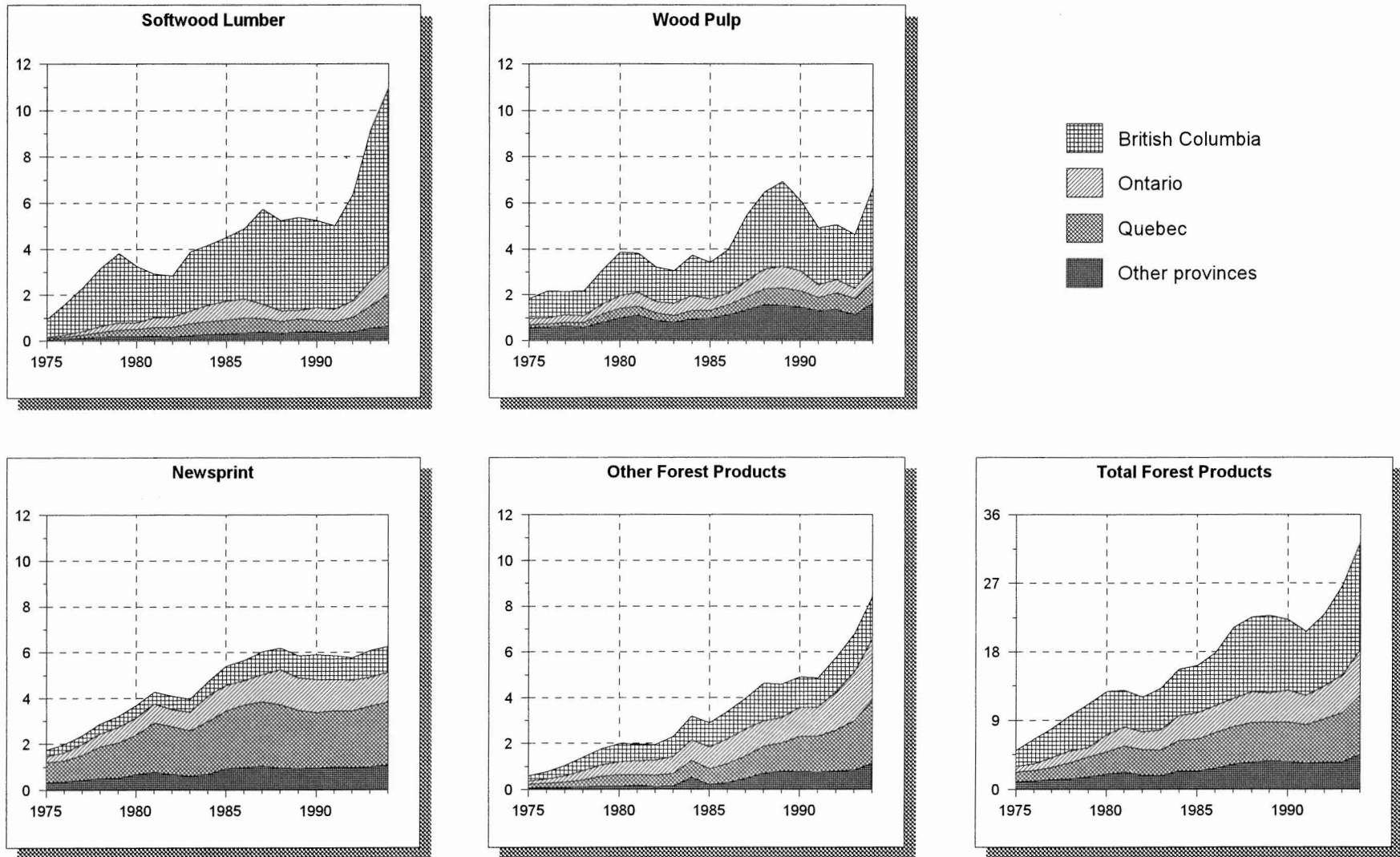


Figure 12. Exports of Canadian forest products by commodity group and region of lading/origin, 1975-1994.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

II - 4. Exports^a and Imports of Forest Products (Value) by Commodity Group, 1970-1994

(Millions of dollars)

Year	Lumber		Plywood and veneer	Particle-board and waferboard	Wood-pulp	News-print	Other paper and paperboard	Pulp-wood	Wood chips	Other crude wood materials	Other forest products	Canada		Forest products %
	Softwoods	Total										Total forest products	Total products	
A. Exports														
1970	638	664	73	-	785	1 110	167	27	11	40	81	2 958	16 820	17.6
1975	949	975	90	-	1 834	1 746	305	11	14	36	119	5 130	33 328	15.4
1980	3 265	3 368	237	-	3 873	3 684	1 015	26	91	89	459	12 842	76 159	16.9
1981	2 916	3 029	222	-	3 819	4 326	966	25	98	77	490	13 053	83 811	15.6
1982	2 848	2 954	215	-	3 221	4 086	1 016	8	98	120	470	12 188	84 530	14.4
1983	3 896	3 997	258	92	3 049	3 956	1 148	12	89	174	486	13 261	90 613	14.6
1984	4 182	4 299	273	157	3 906	4 784	1 427	11	85	263	588	15 793	112 384	14.1
1985	4 524	4 630	249	201	3 411	5 411	1 486	8	83	203	623	16 305	119 474	13.6
1986	4 893	5 033	239	184	4 072	5 661	1 811	12	78	230	697	18 018	120 670	14.9
1987	5 748	5 938	270	169	5 474	6 029	2 258	22	74	372	751	21 355	125 087	17.1
1988	5 237	5 462	296	200	6 496	6 201	2 443	30	95	378	1 058	22 659	138 498	16.4
1989	5 390	5 591	296	236	6 941	5 866	2 366	21	165	270	1 154	22 905	138 701	16.5
1990	5 256	5 463	307	239	6 123	5 900	2 754	8	140	216	1 176	22 326	148 912	15.0
1991r	5 030	5 226	268	200	4 937	5 859	2 819	3	112	192	1 178	20 794	146 006	14.2
1992r	6 384	6 607	351	425	5 069	5 770	3 040	4	113	272	1 456	23 105	162 823	14.2
1993r	9 185	9 515	421	685	4 641	6 080	3 349	8	103	306	1 691	26 799	187 515	14.3
1994	11 042	11 447	512	983	6 711	6 264	4 058	19	84	281	2 173	32 530	225 863	14.4
B. Imports														
1970	22	38	28	6	10	-	107	3	-	27	45	264	13 952	1.9
1975	71	110	124	30	30	-	346	9	-	56	160	864	34 716	2.5
1980	108	235	64	23	79	-	576	15	2	82	262	1 338	69 274	1.9
1981	130	276	113	29	83	-	722	17	3	75	310	1 628	79 482	2.0
1982	72	177	46	15	88	-	684	15	4	75	198	1 302	67 856	1.9
1983	123	281	88	21	86	-	876	13	7	102	166	1 640	75 520	2.2
1984	108	281	78	24	129	-	1 107	13	9	141	183	1 965	95 460	2.1
1985	112	281	79	28	132	-	1 142	17	9	156	190	2 034	104 355	1.9
1986	143	360	112	33	138	-	1 311	28	24	174	219	2 399	112 511	2.1
1987	139	424	137	35	143	-	1 465	22	6	176	276	2 684	116 239	2.3
1988	194	499	151	33	165	4	1 207	32	8	191	935	3 225	131 172	2.5
1989	221	483	150	32	174	6	1 266	38	8	187	1 054	3 399	135 191	2.5
1990	193	430	137	32	207	14	1 289	44	11	187	1 115	3 466	136 245	2.5
1991r	172	360	129	36	146	19	1 354	84	14	161	1 187	3 490	135 461	2.6
1992r	159	392	140	38	192	20	1 405	75	21	165	1 459	3 907	148 018	2.6
1993r	154	453	180	45	182	9	1 545	97	23	183	1 770	4 486	170 122	2.6
1994	172	517	193	58	210	8	1 791	124	47	247	1 565	4 759	202 559	2.3

^aIncluding re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 5. Balance of Trade of Forest Products (Value) by Commodity Group, 1970-1994

(Millions of dollars)

Year												Canada	
	Lumber		Plywood and veneer	Particle- board and waferboard	Wood- pulp	Newsprint	Other paper and paperboard	Pulp- wood	Wood chips	Other crude wood materials	Other forest products	Total forest products	Total products
	Softwoods	Total											
1970	+ 616 ^a	+ 626	+ 45	- 6	+ 775	+ 1 110	+ 60	+24	+ 11	+ 13	+ 36	+ 2 694	+ 2 868
1971	+ 772	+ 785	+ 34	- 11	+ 783	+ 1 084	+ 54	+16	+ 17	- 2	+ 42	+ 2 803	+ 2 202
1972	+ 1 090	+ 1 107	+ 37	- 15	+ 813	+ 1 158	+ 77	+ 9	+ 13	- 27	+ 52	+ 3 224	+ 1 481
1973	+ 1 499	+ 1 501	+ 50	- 23	+ 1 065	+ 1 288	+ 99	+ 8	+ 16	- 31	+ 45	+ 4 018	+ 2 096
1974	+ 1 184	+ 1 175	- 7	- 33	+ 1 870	+ 1 726	+ 143	+ 5	+ 14	- 28	- 23	+ 4 841	+ 720
1975	+ 878	+ 865	- 34	- 30	+ 1 804	+ 1 746	- 41	+ 2	+ 14	- 20	- 41	+ 4 266	- 1 388
1976	+ 1 516	+ 1 489	+ 5	- 29	+ 2 153	+ 2 003	- 54	+ 4	+ 22	- 15	+ 15	+ 5 593	+ 981
1977	+ 2 243	+ 2 218	+ 77	- 25	+ 2 123	+ 2 382	+ 69	+ 1	+ 30	+ 8	+ 81	+ 6 963	+ 2 191
1978	+ 3 064	+ 3 027	+ 136	- 25	+ 2 131	+ 2 886	+ 149	-	+ 43	- 16	+ 155	+ 8 487	+ 3 075
1979	+ 3 694	+ 3 632	+ 159	- 26	+ 3 004	+ 3 222	+ 281	- 6	+ 48	- 17	+ 173	+ 10 470	+ 2 770
1980	+ 3 157	+ 3 133	+ 173	- 23	+ 3 794	+ 3 684	+ 439	+11	+ 89	+ 7	+ 197	+ 11 504	+ 6 885
1981	+ 2 786	+ 2 753	+ 109	- 29	+ 3 736	+ 4 326	+ 244	+ 8	+ 95	+ 2	+ 180	+ 11 425	+ 4 329
1982	+ 2 776	+ 2 777	+ 169	- 15	+ 3 133	+ 4 086	+ 332	- 7	+ 94	+ 45	+ 272	+ 10 886	+ 16 674
1983	+ 3 773	+ 3 716	+ 170	+ 71	+ 2 963	+ 3 956	+ 272	- 1	+ 82	+ 72	+ 320	+ 11 621	+ 15 005
1984	+ 4 074	+ 4 018	+ 195	+ 133	+ 3 777	+ 4 784	+ 320	- 2	+ 76	+ 122	+ 405	+ 13 828	+ 16 924
1985	+ 4 412	+ 4 349	+ 170	+ 173	+ 3 279	+ 5 411	+ 344	- 9	+ 74	+ 47	+ 433	+ 14 271	+ 15 120
1986	+ 4 750	+ 4 673	+ 127	+ 151	+ 3 934	+ 5 661	+ 500	- 16	+ 54	+ 56	+ 478	+ 15 619	+ 8 159
1987	+ 5 609	+ 5 514	+ 133	+ 134	+ 5 331	+ 6 029	+ 793	-	+ 68	+ 196	+ 475	+ 18 671	+ 8 848
1988	+ 5 043	+ 4 963	+ 145	+ 167	+ 6 331	+ 6 198	+ 1 235	- 2	+ 86	+ 187	+ 124	+ 19 434	+ 7 326
1989	+ 5 170	+ 5 108	+ 145	+ 204	+ 6 766	+ 5 860	+ 1 099	- 16	+ 157	+ 83	+ 100	+ 19 506	+ 3 510
1990	+ 5 058	+ 4 942	+ 159	+ 207	+ 5 914	+ 5 885	+ 1 448	- 36	+ 129	+ 23	+ 48	+ 18 719	+ 12 667
1991r	+ 4 858	+ 4 865	+ 139	+ 165	+ 4 792	+ 5 840	+ 1 464	- 81	+ 98	+ 31	- 9	+ 17 304	+ 10 545
1992r	+ 6 225	+ 6 215	+ 211	+ 387	+ 4 877	+ 5 750	+ 1 635	- 72	+ 92	+ 106	- 3	+ 19 198	+ 14 806
1993r	+ 9 030	+ 9 062	+ 241	+ 640	+ 4 459	+ 6 071	+ 1 805	- 88	+ 80	+ 123	- 79	+ 22 314	+ 17 393
1994	+10 870	+10 930	+ 319	+ 924	+ 6 501	+ 6 256	+2 266	-105	+ 37	+ 33	+ 608	+ 27 771	+ 23 303

^aThe + sign means surplus and the - sign means deficit.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 6. Domestic Exports^a and Imports of Forest Products (Quantity) by Commodity Group, 1950-1994

Year	Logs and bolts 1 000 m ³	Pulpwood 1 000 m ³	Wood chips 1 000 t	Lumber		Shingles and shakes 1 000 m ²	Wood pulp 1 000 t	Newsprint 1 000 t	Other paper and paperboard 1 000 t
				Softwoods 1 000 m ³	Total 1 000 m ³				
A. Exports									
1950	..	..	194	7 971	8 399	27 164	1 675	4 480	106
1960	..	..	718	10 494	10 768	18 120	2 360	5 616	211
1970	1 295	2 636	881	17 299	17 621	20 462	5 063	7 339	626
1975	416	947	471	15 309	15 466	18 798	4 997	6 354	664
1980	1 164	1 066	1 343	29 016	29 290	32 638	7 253	7 718	1 931
1983	2 274	434	1 387	33 887	34 113	38 137	6 806	7 379	1 942
1984	3 408	408	1 305	37 066	37 335	42 427	7 030	8 127	2 040
1985	2 515	378	1 117	38 619	38 861	43 763	7 060	8 285	1 992
1986	2 741	611	1 012	38 001	38 274	42 871	7 619	8 562	2 321
1987	3 523	874	904	41 296	41 676	36 330	8 242	8 772	2 723
1988	3 014	985	1 662	40 521	41 113	31 008	8 465	8 566	2 965
1989	1 813	813	1 891	40 069	40 482	32 968	8 242	8 482	2 822
1990	853	192	1 569	37 096	37 483	33 462	7 908	8 743	3 277
1991	787	77	1 270	36 014	36 406	29 438	8 820	8 562	3 547
1992	1 148	111	1 140	39 352	39 828	31 577	8 864	8 704	3 715
1993	1 057	195	898	42 946	43 593	27 804	9 379	9 029	3 925
1994	776	484	632	44 905	45 704	25 792	10 451	9 395	4 417
B. Imports									
1950	..	..	-	98	187	10	33	-	23
1960	..	..	-	326	544	101	58	-	139
1970	1 608	304	-	399	597	1 642	47	-	199
1975	1 658	555	-	856	1 187	-	82	-	516
1980	2 039	559	96	671	1 197	-	145	-	380
1983	2 359	457	97	773	1 341	-	157	-	528
1984	2 807	440	118	626	1 203	-	200	-	641
1985	2 947	588	157	663	1 197	-	224	-	659
1986	3 116	771	429	794	1 419	-	225	-	782
1987	3 093	746	108	740	1 559	-	205	-	851
1988	3 253	1 067	195	857	1 450	-	185	5	947
1989	3 258	1 245	146	1 036	1 655	-	184	9	954
1990	2 712	1 503	188	998	1 536	-	253	20	1 001
1991	2 362	2 595	242	881	1 338	-	197	26	1 101
1992	2 193	2 350	371	757	1 388	-	265	32	1 176
1993	2 033	2 591	371	645	1 370	-	281	14	1 273
1994	2 581	2 648	777	691	1 534	-	331	10	1 412

^aExcluding re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 7. Apparent Domestic Consumption^a of Forest Products (Quantity) by Commodity Group, 1950-1993

Year	Logs and bolts 1 000 m ³	Pulpwood 1 000 m ³	Lumber		Wood pulp 1 000 t	Newsprint ^b 1 000 t	Other paper and paperboard 1 000 t
			Softwoods 1 000 m ³	Total 1 000 m ³			
1950	..	..	6 537	7 253	6 045	329	1 272
1960	..	..	7 694	8 683	8 096	384	1 955
1970	76 020	38 207	8 549	9 564	11 593	663	2 829
1971	78 984	35 326	9 648	10 622	11 467	738	2 963
1972	83 547	37 475	9 508	10 793	11 934	635	3 237
1973	98 917	41 450	12 697	14 185	12 592	726	3 660
1974	86 425	47 483	12 150	13 686	13 208	760	4 028
1975	75 075	36 878	11 859	13 026	10 240r	739	2 908
1976	98 513	36 421	13 952	15 502	11 958r	987	3 585
1977	104 543	36 553	12 541	13 801	12 209r	809	3 150
1978	112 879	37 820	12 782	14 317	13 704r	853	3 456
1979	115 941	40 342	15 064	16 561	13 867r	948	3 683
1980	110 827r	38 402r	15 179	16 903	12 877r	983	3 212
1981	96 950r	41 030r	12 781	14 072	12 468r	1 079	3 511
1982	89 191r	31 383r	9 304	10 540	11 272r	988	3 046r
1983	111 335r	37 065r	14 510	15 895	12 806r	1 009	3 522r
1984	116 624r	42 376r	11 268	12 857	13 587r	1 054	3 913r
1985	119 750r	40 830r	13 143r	14 445r	13 645r	1 007	4 200r
1986	125 712r	42 854r	14 653r	16 204r	14 404r	1 084	4 520r
1987	140 480r	41 625r	19 733	21 659	15 086r	1 071	4 563r
1988	139 077r	42 292r	19 712r	21 067r	15 538r	1 303	4 821r
1989	139 575r	42 083r	18 809r	20 248r	15 650r	1 183	5 120r
1990	119 450r	37 184r	17 405r	18 598r	15 181r	1 089	5 203r
1991	120 552	33 977	15 511r	16 551r	14 709r	1 279	5 268r
1992	130 831	33 118	16 047 r	17 308 r	14 240	861	5 304r
1993	136 220	32 408	16 287	17 530	13 798	1 146	5 746

^aApparent domestic consumption = Production + Imports - Exports.

^bExport data used in the calculation of newsprint consumption are from the Canadian Pulp and Paper Association.

Sources: Statistics Canada Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203 and Canadian Pulp and Paper Association *Reference Tables 1995*.

II - 8A. Domestic Exports^a of Forest Products (Value) by Commodity Group and Province or Region of Lading/Origin, 1993

(Thousands of dollars)

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products	-	-	12 041	7 343	19 384	36 910	38 814	206	2 060	6 959	9 225	305 106	3 480	412 919
Logs, bolts - Total	-	-	2 450	2 129	4 579	5 933	6 288	149	117	248	513	165 846	3 382	186 541
- Softwood logs	-	-	2 383	948	3 331	105	571	25	7	167	199	162 453	3 382	170 042
Pulpwood - Total	-	-	1 698	611	2 309	66	2 334	-	-	16	16	3 695	-	8 419
- Softwoods	-	-	150	-	150	59	1 680	-	-	16	16	3 612	-	5 517
Wood chips	-	-	-	6	6	906	2 141	-	3	11	14	100 222	98	103 386
Other primary products	-	-	7 893	4 598	12 490	30 006	28 050	57	1 941	6 685	8 682	35 343	-	114 572
B. Wood-fabricated materials	287	608	34 556	298 329	333 780	1 620 896	1 669 818	119 777	72 354	308 079	500 210	7 363 706	517	11 488 926
Lumber - Softwoods	105	453	14 539	252 392	267 489	977 899	1 101 856	96 738	57 635	117 433	271 807	6 560 292	496	9 179 840
- Hardwoods	43	4	336	2 033	2 416	158 306	94 563	3 216	3	159	3 378	12 780	-	271 442
Shingles and shakes	-	-	36	4 480	4 516	18 189	257	4	-	1 246	1 251	243 191	-	267 403
Veneer - Softwoods	-	-	-	-	-	1 288	309	369	-	119	488	52 892	-	54 978
- Hardwoods	-	-	234	2 157	2 391	97 756	81 658	-	-	65	65	601	-	182 471
Plywood - Softwoods	-	-	306	-	306	1 862	1 411	-	5	372	377	95 826	-	99 781
- Hardwoods	-	-	47	1 103	1 150	22 860	54 344	41	-	25	65	2 700	-	81 120
Waferboard	-	-	85	281	366	134 827	155 367	24	12 479	100 622	113 125	84 379	-	488 064
Particleboard	-	-	86	16 761	16 847	50 180	49 330	1 409	99	58 436	59 945	19 843	-	196 144
Fibreboard	102	-	17 391	637	18 130	25 885	2 474	1 496	-	20 264	21 760	7 593	-	75 842
Other wood products	2	39	892	1 966	2 899	20 553	31 442	1 406	119	1 738	3 263	191 778	-	249 935
Other n.e.c.	35	112	603	16 520	17 270	111 290	96 808	15 073	2 014	7 599	24 687	91 829	21	341 905
C. Wood pulp and paper products	455 199	245	451 658	1 023 106	1 930 208	4 802 029	3 234 966	89 229	197 914	434 165	721 308	4 094 318	-	14 782 829
Wood pulp - Total	41	-	186 842	395 868	582 752	691 716	465 649	635	144 867	402 880	548 382	2 352 283	-	4 640 782
- Chemical	41	-	186 842	354 571	541 455	668 900	465 418	635	144 867	402 635	548 138	2 280 866	-	4 504 777
Paper products	455 157	245	264 816	627 237	1 347 456	4 110 314	2 769 317	88 594	53 047	31 285	172 926	1 742 035	-	10 142 047
Newsprint	454 875	48	261 953	280 326	997 202	2 644 645	1 267 345	554	126	934	1 614	1 168 116	-	6 078 922
Other paper and paperboard	61	8	837	335 321	336 228	1 233 155	1 126 101	73 156	37 921	23 961	135 037	493 995	-	3 324 516
Book and writing paper	-	-	59	252 654	252 713	457 227	377 412	50	-	144	194	108 815	-	1 196 361
Fine paper	-	-	-	25	25	272 916	312 858	50	37 836	3 492	41 378	116 292	-	743 469
Tissue and sanitary	29	-	10	31 005	31 044	33 920	25 202	4	-	-	4	32 455	-	122 625
Wrapping and packaging	-	-	130	29	159	37 716	33 377	66 421	46	152	66 618	101 320	-	239 190
Paperboard	33	8	431	51 584	52 056	319 093	152 320	177	-	3 153	3 329	120 818	-	647 617
Building paper and paperboard	-	-	176	-	176	14 282	4 265	6 312	-	8 799	15 111	6 716	-	40 550
Converted paper	-	-	31	24	55	97 999	220 667	142	40	8 221	8 402	7 580	-	334 704
Other paper products	221	189	2 026	11 590	14 027	232 514	375 870	14 885	15 000	6 390	36 275	79 924	-	738 610
Total forest products	455 485	854	498 255	1 328 777	2 283 371	6 459 834	4 943 597	209 212	272 329	749 203	1 230 744	11 763 130	3 997	26 684 674

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 8B. Domestic Exports^a of Forest Products (Value) by Commodity Group and Province or Region of Lading/Origin, 1994

(Thousands of dollars)

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products	3	330	14 136	7 420	21 889	45 459	60 261	319	1 914	17 107	19 340	229 482	2 904	379 334
Logs, bolts - Total	3	-	309	2 253	2 565	8 565	14 978	300	198	5 428	5 926	102 411	2 894	137 338
- Softwood logs	-	-	49	819	868	910	2 321	17	-	5 362	5 379	100 053	2 894	112 424
Pulpwood - Total	-	324	5 400	5	5 730	837	4 839	-	-	-	-	7 505	-	18 910
- Softwoods	-	324	2 474	-	2 798	-	1 796	-	-	-	-	6 318	-	10 913
Wood chips	-	-	-	-	-	430	3 021	-	-	-	-	80 101	10	83 562
Other primary products	-	6	8 427	5 162	13 594	35 627	37 423	19	1 716	11 679	13 414	39 466	-	139 525
B. Wood-fabricated materials	17	689	41 650	395 483	437 839	2 319 184	2 096 507	125 221	48 546	444 880	618 647	8 525 597	132	13 997 906
Lumber - Softwoods	10	610	18 454	331 583	350 657	1 400 641	1 333 695	92 978	31 874	164 125	288 976	7 636 816	114	11 010 900
- Hardwoods	-	-	1 115	4 067	5 182	233 129	110 700	5 546	55	151	5 751	21 938	-	376 699
Shingles and shakes	-	-	1	11 409	11 410	19 726	399	-	3	1 682	1 685	211 417	-	244 637
Veneer - Softwoods	-	-	-	-	-	2 500	3 616	22	-	41	63	72 958	-	79 138
- Hardwoods	-	-	81	2 588	2 669	121 178	100 477	-	-	50	50	1 105	-	225 479
Plywood - Softwoods	-	-	317	73	390	978	1 339	48	138	153	339	98 863	-	101 909
- Hardwoods	-	-	27	19	46	31 074	66 362	-	13	357	370	4 888	-	102 740
Waferboard	-	-	62	316	377	215 796	198 942	74	15 595	155 267	170 936	124 589	-	710 640
Particleboard	-	71	17	18 715	18 802	73 135	72 296	1 754	169	82 986	84 909	22 780	-	271 922
Fibreboard	-	-	19 308	7 072	26 379	31 338	2 529	3 080	-	26 685	29 764	12 318	-	102 329
Other wood products	-	-	1 347	1 324	2 671	23 904	43 725	1 222	126	1 587	2 934	190 463	-	263 697
Other n.e.c.	7	8	923	18 317	19 255	165 785	162 426	20 497	574	11 799	32 870	127 463	18	507 816
C. Wood pulp and paper products	496 637	358	426 972	1 252 987	2 176 954	5 476 975	3 771 173	151 991	254 347	824 317	1 230 655	5 386 113	18	18 041 888
Wood pulp - Total	-	-	209 087	463 885	672 972	953 744	574 606	13 437	180 374	790 944	984 755	3 524 590	-	6 710 667
- Chemical	-	-	209 087	426 569	635 656	934 689	526 442	12 491	178 718	790 893	982 102	3 451 759	-	6 530 648
Paper products	496 637	358	217 885	789 102	1 503 982	4 523 231	3 196 567	138 553	73 974	33 374	245 900	1 861 523	18	11 331 221
Newsprint	496 085	-	213 865	345 552	1 055 502	2 725 441	1 317 294	29 523	102	2 111	31 736	1 133 390	-	6 263 364
Other paper and paperboard	10	31	567	421 633	422 242	1 517 419	1 321 931	87 899	47 441	22 675	158 014	615 307	18	4 034 932
Book and writing paper	-	-	90	337 578	337 668	536 017	463 561	17	-	268	285	124 384	-	1 461 914
Fine paper	-	-	18	389	407	333 669	338 524	57	47 378	70	47 505	152 108	-	872 213
Tissue and sanitary	-	-	2	19 379	19 380	32 920	31 588	1	-	12	13	33 895	-	117 796
Wrapping and packaging	-	25	12	6	43	52 520	40 325	81 546	14	46	81 606	109 880	18	284 392
Paperboard	-	7	240	64 165	64 412	425 286	186 908	39	-	3 166	3 204	173 693	-	853 503
Building paper and paperboard	-	-	3	-	3	19 072	3 784	6 202	-	8 767	14 969	8 043	-	45 871
Converted paper	10	-	203	116	329	117 936	257 241	37	49	10 346	10 431	13 305	-	399 242
Other paper products	543	326	3 452	21 917	26 238	280 370	557 341	21 132	26 431	8 588	56 150	112 826	-	1 032 925
Total forest products	496 657	1 377	482 758	1 655 889	2 636 682	7 841 618	5 927 941	277 530	304 808	1 286 305	1 868 642	14 141 193	3 054	32 419 129

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 9A. Domestic Exports^a of Forest Products (Quantity) by Commodity Group and Province or Region of Lading/Origin, 1993

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products														
Logs, bolts - Total (1 000 m ³)	-	-	25	28	53	10	20	1	--	1	2	936	37	1 057
- Softwood logs	-	-	24	15	39	1	3	--	--	1	1	918	37	999
Pulpwood - Total (1 000 m ³)	-	-	38	18	56	1	46	-	-	1	1	91	-	195
- Softwoods	-	-	3	-	3	1	32	-	-	1	1	90	-	127
Wood chips (1 000 t)	-	-	-	--	--	12	17	-	--	--	--	868	1	898
B. Wood-fabricated materials														
Lumber - Softwoods (1 000 m ³)	--	3	76	1 473	1 553	5 870	6 226	538	320	666	1 524	27 772	1	42 946
- Hardwoods	--	--	1	11	11	363	202	12	--	1	13	58	-	647
Shingles and shakes (1 000 m ²)	-	-	5	960	965	3 582	182	--	-	128	128	22 946	-	27 804
Veneer - Softwoods (1 000 m ²)	-	-	-	-	-	459	397	101	-	88	189	66 462	-	67 508
- Hardwoods	-	-	94	1 058	1 152	62 638	65 929	-	-	20	20	615	-	130 356
Plywood - Softwoods (1 000 m ³)	-	-	1	-	1	5	3	-	--	1	1	267	-	277
- Hardwoods	-	-	--	3	3	41	88	--	-	--	--	4	-	137
Waferboard (1 000 m ³)	-	-	1	1	2	646	641	--	50	422	472	320	-	2 081
Particleboard (1 000 m ³)	-	-	--	42	42	281	226	4	1	184	189	150	-	888
Fibreboard (1 000 m ³)	--	-	46	2	48	119	7	14	-	85	99	17	-	289
Other wood products (1 000 m ³)	--	5	88	376	469	3 458	4 708	237	5	222	464	25 896	-	34 994
C. Wood pulp and paper products (1 000 t)														
Wood pulp - Total	659	--	759	1 625	3 043	6 481	3 915	111	331	908	1 350	7 544	-	22 333
- Chemical	--	-	373	785	1 159	1 279	966	2	290	865	1 157	4 819	-	9 379
Paper products	659	--	385	840	1 884	5 202	2 950	109	41	43	193	2 725	-	12 954
Newsprint	659	--	384	440	1 483	3 703	1 844	1	--	1	2	1 997	-	9 029
Other paper and paperboard	--	--	1	400	401	1 499	1 106	108	41	41	190	728	-	3 925
Book and writing paper	-	-	--	246	246	540	451	--	-	--	--	125	-	1 362
Fine paper	-	-	-	--	--	318	306	--	40	4	45	125	-	794
Tissue and sanitary	--	-	--	26	26	33	21	--	-	-	--	24	-	105
Wrapping and packaging	-	-	--	--	--	40	21	90	--	--	91	147	-	299
Paperboard	--	--	1	128	129	509	250	--	-	6	6	288	-	1 182
Building paper and paperboard	-	-	--	-	--	35	13	17	-	25	42	15	-	106
Converted paper	-	-	--	--	--	24	43	--	--	7	7	3	-	78

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 9B. Domestic Exports^a of Forest Products (Quantity) by Commodity Group and Province or Region of Lading/Origin, 1994

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada	
A. Primary wood products															
Logs, bolts - Total (1 000 m ³)	--	-	3	20	24	19	122	--	--	32	33	551	28	776	
- Softwood logs	-	-	1	9	9	6	60	--	-	32	32	547	28	683	
Pulpwood - Total (1 000 m ³)	-	8	111	--	119	23	186	-	-	-	-	156	-	484	
- Softwoods	-	8	61	-	69	-	56	-	-	-	-	144	-	269	
Wood chips (1 000 t)	-	-	-	-	-	3	27	-	-	-	-	602	--	632	
B. Wood-fabricated materials															
Lumber - Softwoods (1 000 m ³)	--	3	76	1 634	1 714	6 899	6 487	461	157	685	1 303	28 501	1	44 905	
- Hardwoods	-	-	4	17	21	460	217	23	--	--	23	78	-	799	
Shingles and shakes (1 000 m ²)	-	-	--	1 543	1 543	3 181	74	-	--	164	164	20 830	-	25 792	
Veneer - Softwoods (1 000 m ²)	-	-	-	-	-	1 182	10 054	4	-	13	17	87 654	-	98 907	
- Hardwoods	-	-	30	1 170	1 200	73 449	66 280	-	-	6	6	895	-	141 831	
Plywood - Softwoods (1 000 m ³)	-	-	1	--	1	3	2	--	--	--	1	239	-	246	
- Hardwoods	-	-	--	--	--	50	107	-	--	1	1	8	-	166	
Waferboard (1 000 m ³)	-	-	--	1	1	819	690	--	49	474	523	400	-	2 434	
Particleboard (1 000 m ³)	-	--	--	55	56	312	280	4	1	206	211	156	-	1 014	
Fibreboard (1 000 m ³)	-	-	76	13	89	125	5	27	-	90	117	24	-	360	
Other wood products (1 000 m ³)	-	-	156	227	383	3 665	7 908	43	9	326	378	22 951	-	35 285	
C. Wood pulp and paper products (1 000 t)															
Wood pulp - Total	697	--	750	1 674	3 121	7 191	4 080	186	353	1 329	1 868	8 003	--	24 263	
- Chemical	-	-	379	735	1 114	1 411	927	23	306	1 291	1 620	5 379	-	10 451	
Paper products	697	--	371	938	2 006	5 780	3 153	163	48	38	249	2 624	--	13 812	
Newsprint	697	-	371	494	1 561	4 055	1 953	38	--	3	41	1 785	-	9 395	
Other paper and paperboard	--	--	--	445	445	1 726	1 200	124	48	35	207	839	--	4 417	
Book and writing paper	-	-	--	297	297	617	510	--	-	--	--	136	-	1 560	
Fine paper	-	-	--	--	--	357	306	--	48	--	48	141	-	852	
Tissue and sanitary	-	-	--	14	14	32	27	--	--	--	--	24	-	98	
Wrapping and packaging	-	--	--	--	--	48	26	108	--	--	108	151	--	333	
Paperboard	-	--	--	133	133	599	273	--	-	5	5	363	-	1 374	
Building paper and paperboard	-	-	-	-	-	42	10	16	-	22	38	16	-	106	
Converted paper	--	-	--	--	--	30	49	--	--	8	8	8	-	94	

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 10A. Imports of Forest Products (Value) by Commodity Group and Province or Region of Clearance, 1993

(Thousands of dollars)

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products	18	-	8	27 135	27 161	188 031	67 418	1 965	744	1 616	4 325	15 304	-	302 240
Logs, bolts - Total	-	-	5	4 995	5 000	101 354	44 277	1 067	126	235	1 428	4 157	-	156 216
- Softwood logs	-	-	-	688	688	49 064	7 356	126	38	47	210	3 494	-	60 813
Pulpwood - Total	-	-	-	14 624	14 624	75 456	5 337	-	-	171	171	942	-	96 530
- Softwoods	-	-	-	13 341	13 341	70 042	1 317	-	-	-	-	778	-	85 478
Wood chips	3	-	-	4 742	4 745	4 642	10 111	100	6	189	295	3 211	-	23 004
Other primary products	15	-	3	2 774	2 792	6 580	7 693	799	613	1 021	2 433	6 994	-	26 490
B. Wood-fabricated materials	716	25	9 810	27 132	37 683	168 126	570 201	42 818	18 624	35 467	96 909	384 297	38	1 257 255
Lumber - Softwoods	-	-	137	8 423	8 560	24 038	25 838	2 016	254	1 189	3 458	92 137	-	154 031
- Hardwoods	288	4	729	3 305	4 325	65 148	173 203	17 672	3 191	10 874	31 737	24 566	23	299 002
Shingles and shakes	-	-	-	26	26	-	124	4	-	3	7	6 008	8	6 172
Veneer - Softwoods	-	-	-	57	58	451	3 510	271	21	5	297	2 293	-	6 609
- Hardwoods	-	-	-	345	345	8 993	35 055	585	1 644	143	2 373	1 006	-	47 772
Plywood - Softwoods	-	-	229	243	472	6 872	22 943	1 278	224	576	2 078	15 184	-	47 548
- Hardwoods	-	3	291	1 494	1 789	13 947	26 186	875	201	1 083	2 160	33 846	-	77 927
Waferboard	-	-	24	819	842	93	2 666	1 520	830	701	3 052	2 244	-	8 897
Particleboard	-	-	15	30	45	2 620	11 328	858	444	2 218	3 519	18 721	-	36 234
Fibreboard	-	-	91	1 315	1 406	7 549	37 812	2 771	859	649	4 279	32 193	-	83 240
Other wood products	295	3	1 320	6 906	8 524	6 729	75 134	6 047	6 016	8 862	20 926	87 166	-	198 478
Other n.e.c.	134	15	6 974	4 169	11 291	31 687	156 403	8 920	4 940	9 163	23 023	68 933	8	291 345
C. Wood pulp and paper products	6 757	43	8 206	72 149	87 155	502 751	1 865 354	114 907	21 796	74 698	211 402	259 952	20	2 926 633
Wood pulp - Total	-	-	4 012	7 189	11 200	53 412	73 775	6 863	20	8 744	15 628	28 122	-	182 137
- Chemical	-	-	4 012	6 734	10 746	51 154	69 160	6 863	17	8 744	15 624	23 166	-	169 850
Paper products	6 757	43	4 195	64 960	75 955	449 339	1 791 579	108 044	21 776	65 954	195 774	231 830	20	2 744 497
Newsprint	-	-	-	226	226	853	5 721	238	27	85	350	2 058	-	9 208
Other paper and paperboard	1 905	10	2 020	38 193	42 129	290 895	988 279	70 266	8 920	38 972	118 158	105 195	-	1 544 655
Book and writing paper	-	-	-	20 582	20 582	44 961	87 120	7 799	855	4 797	13 451	8 331	-	174 445
Fine paper	82	-	346	3 513	3 942	94 701	364 038	38 117	5 347	6 649	50 112	35 969	-	548 762
Tissue and sanitary	-	-	572	1 780	2 352	16 822	48 752	2 194	30	45	2 269	4 178	-	74 373
Wrapping and packaging	89	-	62	2 650	2 802	19 346	35 575	2 876	101	522	3 499	7 995	-	69 216
Paperboard	18	-	104	6 433	6 556	54 835	266 310	11 088	1 913	24 734	37 734	29 585	-	395 020
Building paper and paperboard	-	-	7	26	33	284	1 815	411	198	46	655	294	-	3 081
Converted paper	1 715	10	929	3 207	5 862	59 946	184 669	7 781	477	2 180	10 438	18 842	-	279 757
Other paper products	4 851	33	2 174	26 542	33 600	157 590	797 579	37 540	12 828	26 898	77 266	124 578	20	1 190 633
Total forest products	7 491	68	18 025	126 415	151 999	858 909	2 502 973	159 690	41 164	111 781	312 636	659 553	57	4 486 128

Source: Statistics Canada Special Compilation, International Trade Division.

II - 10B. Imports of Forest Products (Value) by Commodity Group and Province or Region of Clearance, 1994

(Thousands of dollars)

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products	1 770	-	18	31 947	33 736	246 358	80 080	3 594	615	1 240	5 448	52 445	-	418 067
Logs, bolts - Total	-	-	1	6 418	6 419	140 406	53 332	2 205	48	191	2 444	11 630	-	214 231
- Softwood logs	-	-	-	941	941	67 531	9 543	30	33	44	107	10 974	-	89 095
Pulpwood - Total	-	-	-	17 293	17 293	95 436	5 770	141	-	15	155	5 218	-	123 873
- Softwoods	-	-	-	15 625	15 625	89 326	2 166	21	-	15	35	4 242	-	111 394
Wood chips	-	-	15	3 964	3 979	1 747	13 328	129	22	299	451	27 516	-	47 021
Other primary products	1 770	-	2	4 272	6 044	8 769	7 649	1 118	545	735	2 398	8 081	-	32 942
B. Wood-fabricated materials	769	69	6 884	28 609	36 330	185 914	660 996	49 888	21 210	34 913	106 011	400 480	5	1 389 736
Lumber - Softwoods	13	-	43	8 934	8 990	33 644	30 613	2 040	204	324	2 569	96 582	-	172 398
- Hardwoods	566	-	862	6 801	8 229	65 040	204 518	21 942	5 017	12 607	39 566	26 929	4	344 287
Shingles and shakes	-	-	-	7	7	-	67	4	-	55	59	5 358	-	5 491
Veneer - Softwoods	-	-	-	46	46	503	2 991	75	48	126	248	2 238	-	6 026
- Hardwoods	-	-	-	713	713	13 631	56 862	956	1 736	182	2 874	922	-	75 003
Plywood - Softwoods	-	-	57	101	158	5 216	16 582	1 151	32	162	1 344	8 655	-	31 955
- Hardwoods	-	-	216	1 195	1 411	13 097	28 520	570	709	463	1 742	35 531	-	80 302
Waferboard	-	-	34	2 381	2 415	324	5 080	2 256	3 392	474	6 121	2 671	-	16 610
Particleboard	7	-	53	22	82	1 965	12 918	792	847	1 170	2 808	23 707	-	41 480
Fibreboard	-	-	142	879	1 021	8 102	51 996	4 062	812	858	5 731	40 612	-	107 462
Other wood products	8	34	452	4 185	4 679	8 680	65 476	4 000	3 290	7 493	14 783	82 484	-	176 102
Other n.e.c.	175	35	5 024	3 346	8 580	35 712	185 372	12 041	5 123	11 001	28 165	74 791	1	332 621
C. Wood pulp and paper products	6 635	27	9 364	70 233	86 259	517 041	1 895 132	118 712	27 150	53 655	199 517	253 690	1	2 951 639
Wood pulp - Total	-	-	5 394	2 740	8 133	57 583	94 292	7 588	1 012	8 186	16 785	33 018	-	209 811
- Chemical	-	-	5 394	2 678	8 071	57 053	84 047	7 588	1 002	8 186	16 776	28 668	-	194 615
Paper products	6 635	27	3 970	67 493	78 126	459 458	1 800 840	111 124	26 138	45 469	182 732	220 672	1	2 741 827
Newsprint	-	-	-	41	41	272	3 158	371	77	102	551	3 506	-	7 527
Other paper and paperboard	1 833	24	2 513	34 856	39 227	311 265	1 182 338	82 950	15 601	29 836	128 388	130 019	-	1 791 236
Book and writing paper	-	-	17	13 684	13 701	44 367	97 317	9 263	1 019	4 366	14 647	7 223	-	177 255
Fine paper	12	17	593	5 757	6 380	109 978	450 054	44 351	6 415	5 474	56 240	50 846	-	673 497
Tissue and sanitary	-	-	545	2 086	2 631	13 828	64 054	2 949	54	18	3 022	3 750	-	87 285
Wrapping and packaging	51	-	90	1 038	1 179	21 924	36 530	2 877	173	688	3 738	8 677	-	72 048
Paperboard	931	-	71	9 608	10 610	55 296	311 529	12 496	6 990	16 282	35 768	36 761	-	449 963
Building paper and paperboard	-	-	5	59	64	412	3 353	723	537	165	1 425	117	-	5 372
Converted paper	839	7	1 192	2 625	4 663	65 460	219 502	10 291	413	2 844	13 547	22 645	-	325 816
Other paper products	4 802	3	1 457	32 596	38 858	147 921	615 344	27 803	10 460	15 531	53 794	87 147	1	943 064
Total forest products	9 174	96	16 265	130 789	156 324	949 313	2 636 208	172 193	48 975	89 808	310 976	706 615	6	4 759 441

Source: Statistics Canada Special Compilation, International Trade Division.

II - 11A. Imports of Forest Products (Quantity) by Commodity Group and Province or Region of Clearance, 1993

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products														
Logs, bolts - Total (1 000 m ³)	-	-	--	84	84	1 631	251	6	1	1	9	58	-	2 033
- Softwood logs	-	-	-	19	19	1 104	130	3	--	1	4	55	-	1 312
Pulpwood - Total (1 000 m ³)	-	-	-	330	330	2 067	163	-	-	3	3	28	-	2 591
- Softwoods	-	-	-	304	304	1 800	36	-	-	-	-	25	-	2 165
Wood chips (1 000 t)	--	-	-	47	47	61	220	2	--	4	5	38	-	371
B. Wood-fabricated materials														
Lumber - Softwoods (1 000 m ³)	-	-	--	37	37	151	101	7	1	4	12	344	-	645
- Hardwoods	--	--	3	9	12	171	434	45	6	17	68	40	--	725
Shingles and shakes (1 000 m ²)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods (1 000 m ²)	-	-	--	36	36	268	2 424	156	10	3	169	2 141	-	5 038
- Hardwoods	-	-	-	556	556	5 572	22 113	254	618	42	914	395	-	29 550
Plywood - Softwoods (1 000 m ³)	-	-	1	1	2	25	92	5	1	2	8	43	-	170
- Hardwoods	-	--	--	3	4	29	63	3	1	3	7	69	-	171
Waferboard (1 000 m ³)	-	-	--	5	5	1	12	6	3	2	11	7	-	36
Particleboard (1 000 m ³)	-	-	--	--	--	12	42	4	2	11	16	91	-	162
Fibreboard (1 000 kg)	-	-	56	2 584	2 641	15 768	44 948	4 273	1 582	946	6 801	55 088	-	125 247
Other wood products (1 000 m ³)	13	-	362	1 518	1 893	525	7 013	1 057	2 542	2 199	5 798	8 870	-	24 100
C. Wood pulp and paper products (1 000 t)														
Wood pulp - Total	2	--	9	51	62	334	897	63	8	55	125	150	-	1 568
- Chemical	-	-	8	13	21	84	106	13	--	8	22	27	-	260
Paper products	2	--	1	37	40	246	784	49	8	47	104	113	-	1 287
Newsprint	-	-	-	--	--	2	9	--	--	--	--	3	-	14
Other paper and paperboard	2	--	1	37	39	245	775	49	8	47	103	110	-	1 273
Book and writing paper	-	-	-	19	19	48	87	7	1	5	13	8	-	175
Fine paper	--	-	--	3	4	73	252	21	4	4	29	27	-	384
Tissue and sanitary	-	-	--	1	1	4	30	--	--	--	--	4	-	38
Wrapping and packaging	--	-	--	4	4	21	30	3	--	1	4	8	-	67
Paperboard	--	-	--	9	9	80	312	15	3	37	54	53	-	507
Building paper and paperboard	-	-	--	--	--	--	4	1	--	--	1	--	-	6
Converted paper	1	--	--	2	3	19	60	1	--	1	2	10	-	95

Source: Statistics Canada Special Compilation, International Trade Division.

II - 11B. Imports of Forest Products (Quantity) by Commodity Group and Province or Region of Clearance, 1994

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
A. Primary wood products														
Logs, bolts - Total (1 000 m ³)	-	-	--	100	100	2 039	302	10	--	1	11	128	-	2 581
- Softwood logs	-	-	-	26	26	1 271	146	--	--	1	1	124	-	1 568
Pulpwood - Total (1 000 m ³)	-	-	-	349	349	2 025	171	4	-	1	5	97	-	2 648
- Softwoods	-	-	-	316	316	1 788	62	--	-	1	1	81	-	2 248
Wood chips (1 000 t)	-	-	--	32	32	23	270	2	--	6	9	442	-	777
B. Wood-fabricated materials														
Lumber - Softwoods (1 000 m ³)	--	-	--	39	39	176	113	9	1	1	12	351	-	691
- Hardwoods	1	-	5	29	35	175	512	49	9	17	75	46	--	843
Shingles and shakes (1 000 m ²)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods (1 000 m ²)	-	-	-	10	10	134	1 162	18	29	25	72	1 185	-	2 563
- Hardwoods	-	-	--	527	527	7 087	31 527	343	626	65	1 034	326	-	40 501
Plywood - Softwoods (1 000 m ³)	-	-	--	1	1	17	59	4	--	1	5	26	-	108
- Hardwoods	-	-	--	3	4	26	76	2	2	1	5	69	-	180
Waferboard (1 000 m ³)	-	-	--	12	13	1	20	9	11	1	21	9	-	65
Particleboard (1 000 m ³)	--	-	--	--	--	8	48	3	3	6	12	98	-	167
Fibreboard (1 000 kg)	-	-	84	1 302	1 385	14 383	57 120	5 636	1 126	964	7 726	58 588	-	139 203
Other wood products (1 000 m ³)	1	-	54	164	219	1 851	6 333	763	1 466	1 115	3 343	9 702	-	21 449
C. Wood pulp and paper products (1 000 t)														
Wood pulp - Total	2	--	10	39	51	334	1 061	70	16	44	129	177	-	1 753
- Chemical	-	-	9	5	14	92	152	13	2	10	25	49	-	331
Paper products	2	--	1	35	37	242	910	57	14	34	105	128	-	1 422
Newsprint	-	-	-	--	--	--	4	1	--	--	1	4	-	10
Other paper and paperboard	2	--	1	35	37	242	905	56	14	34	104	124	-	1 412
Book and writing paper	--	-	--	14	14	46	90	8	1	3	12	6	-	169
Fine paper	--	--	1	5	5	77	308	24	4	3	31	37	-	459
Tissue and sanitary	--	-	--	1	1	4	39	1	--	--	1	3	-	48
Wrapping and packaging	--	-	--	1	1	22	29	3	--	1	4	10	-	67
Paperboard	1	--	--	12	13	73	356	17	8	25	50	56	-	548
Building paper and paperboard	-	-	--	--	--	--	6	1	1	--	3	--	-	9
Converted paper	1	--	--	2	2	19	76	2	--	1	3	11	-	112

Source: Statistics Canada Special Compilation, International Trade Division.

II - 12A. Domestic Exports^a of Forest Products (Value) by Commodity Group and Major Trade Group, 1993

(Thousands of dollars)

Commodity	Europe							Asia			Oceania	World
	United States	South and Central America	Africa	United Kingdom	Other EU	Scandinavia	Europe	Former USSR	Japan	Asia		
A. Primary wood products	187 326	1 030	5 775	107	3 333	459	3 977	-	198 103	214 793	11	412 919
Logs, bolts - Total	55 035	13	-	54	2 856	-	2 970	-	116 524	128 523	-	186 541
- Softwood logs	45 433	10	-	-	118	-	118	-	115 567	124 481	-	170 042
Pulpwood - Total	6 128	-	-	-	-	-	-	-	-	2 291	-	8 419
- Softwoods	4 774	-	-	-	-	-	-	-	-	744	-	5 517
Wood chips	21 466	-	-	-	334	-	333	-	81 536	81 587	-	103 386
Other primary products	104 697	1 017	5 775	53	145	459	674	-	44	2 392	11	114 572
B. Wood-fabricated materials	8 282 567	8 388	27 326	198 469	421 734	15 892	645 795	198	2 134 593	2 416 761	106 692	11 488 926
Lumber - Softwoods	6 365 042	3 978	20 364	149 133	282 398	298	435 825	5	2 051 501	2 251 674	102 576	9 179 840
- Hardwoods	141 964	154	3 012	13 527	68 121	7 702	91 375	-	13 509	34 818	103	271 442
Shingles and shakes	261 288	353	16	708	3 090	-	3 813	-	324	420	1 475	267 403
Veneer - Softwoods	54 624	41	-	13	7	-	22	1	191	290	-	54 978
- Hardwoods	144 385	1 155	1 949	2 279	16 982	3 547	25 023	-	2 899	9 694	265	182 471
Plywood - Softwoods	13 270	354	-	14 262	31 738	1 475	47 641	18	30 611	38 220	3	99 781
- Hardwoods	79 448	545	-	162	542	-	732	-	190	355	-	81 120
Waferboard	460 859	53	-	1 470	468	-	2 025	-	18 340	24 990	135	488 064
Particleboard	188 864	68	-	37	21	72	131	-	1	7 069	-	196 144
Fibreboard	51 144	357	-	1 651	3 114	1 648	6 460	52	5 390	16 817	1 005	75 842
Other wood products	225 462	28	-	6 847	3 615	719	11 382	82	2 667	12 082	735	249 935
Other n.e.c.	296 216	1 303	1 985	8 380	11 632	430	21 366	40	8 970	20 333	395	341 905
C. Wood pulp and paper products	10 482 928	471 657	40 260	481 040	1 348 688	28 338	1 913 980	777	845 781	1 792 607	80 287	14 782 829
Wood pulp - Total	2 204 773	83 488	19 899	161 775	973 186	26 852	1 210 648	-	578 734	1 082 111	39 863	4 640 782
- Chemical	2 139 332	82 944	19 899	161 692	969 985	26 852	1 207 168	-	518 278	1 015 571	39 863	4 504 777
Paper products	8 278 155	388 168	20 361	319 265	375 500	1 486	703 332	777	267 047	710 496	40 424	10 142 047
Newsprint	4 714 982	318 143	9 430	260 459	246 581	50	509 557	-	228 950	502 929	23 881	6 078 922
Other paper and paperboard	2 909 455	60 334	8 930	53 862	103 060	706	159 007	196	32 892	175 544	11 048	3 324 516
Book and writing paper	1 113 419	11 636	156	11 435	35 013	-	46 446	-	15 224	23 545	1 159	1 196 361
Fine paper	721 358	3 668	1 076	1 327	8 255	16	9 654	6	69	5 601	2 105	743 469
Tissue and sanitary	80 884	1 912	243	23 648	2 028	-	25 677	-	2 371	10 472	3 438	122 625
Wrapping and packaging	166 475	12 276	1 193	3 765	13 968	-	17 734	-	5 237	41 278	234	239 190
Paperboard	476 558	22 193	3 708	10 864	42 280	685	55 050	-	9 894	89 747	362	647 617
Building paper and paperboard	40 463	4	-	-	-	-	-	-	-	60	21	40 550
Converted paper	310 299	8 643	2 555	2 823	1 517	5	4 446	190	97	4 841	3 730	334 704
Other paper products	653 718	9 691	2 001	4 945	25 862	730	34 768	582	5 205	32 023	5 495	738 610
Total forest products	18 952 822	481 075	73 361	679 615	1 773 754	44 688	2 563 752	975	3 178 478	4 424 161	186 990	26 684 674

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 12B. Domestic Exports^a of Forest Products (Value) by Commodity Group and Major Trade Group, 1994

(Thousands of dollars)

Commodity	United States	South and Central America	Africa	Europe				Asia			Oceania	World
				United Kingdom	Other EU	Scandi- navia	Europe	Former USSR	Japan	Asia		
A. Primary wood products	218 798	1 015	1 734	99	10 262	76	10 506	-	134 521	147 156	90	379 334
Logs, bolts - Total	62 712	-	-	18	6 254	16	6 352	-	61 395	68 236	38	137 338
- Softwood logs	47 246	-	-	-	28	-	28	-	60 903	65 150	-	112 424
Pulpwood - Total	14 026	-	-	-	3 763	-	3 764	-	-	1 120	-	18 910
- Softwoods	9 796	-	-	-	-	-	-	-	-	1 117	-	10 913
Wood chips	10 883	-	-	12	87	-	103	-	72 316	72 547	29	83 562
Other primary products	131 176	1 015	1 734	69	158	61	287	-	811	5 253	24	139 525
B. Wood-fabricated materials	10 445 551	8 384	5 561	222 800	506 230	21 306	759 539	1 655	2 440 808	2 668 991	107 260	13 997 906
Lumber - Softwoods	7 949 718	2 794	477	164 532	314 297	314	483 351	24	2 334 329	2 470 699	103 549	11 010 900
- Hardwoods	176 525	267	2 897	24 176	107 780	13 271	147 298	-	17 961	49 442	231	376 699
Shingles and shakes	237 767	396	49	895	3 605	14	4 560	-	283	395	1 456	244 637
Veneer - Softwoods	75 263	14	-	-	96	-	96	-	3 417	3 748	17	79 138
- Hardwoods	176 946	1 387	1 413	2 618	23 221	4 710	31 855	139	2 255	13 444	295	225 479
Plywood - Softwoods	16 091	97	185	13 618	34 180	1 197	49 174	17	33 841	35 895	247	101 909
- Hardwoods	100 352	158	1	321	494	-	838	28	677	1 341	-	102 740
Waferboard	681 120	3	-	569	372	-	1 314	-	25 851	28 084	113	710 640
Particleboard	264 743	49	-	-	71	63	177	-	60	6 946	-	271 922
Fibreboard	78 928	501	48	1 521	3 078	398	5 034	793	6 838	16 754	261	102 329
Other wood products	236 683	1 212	17	5 004	3 991	42	9 396	15	2 889	15 629	672	263 697
Other n.e.c.	451 415	1 507	474	9 546	15 045	1 297	26 446	639	12 407	26 614	420	507 816
C. Wood pulp and paper products	11 970 485	584 803	61 676	531 528	1 794 463	46 321	2 447 157	1 544	1 358 249	2 883 429	92 541	18 041 888
Wood pulp - Total	2 826 242	97 989	22 502	200 323	1 446 628	45 480	1 764 029	-	1 022 086	1 958 356	41 550	6 710 667
- Chemical	2 717 857	97 027	22 502	200 244	1 445 151	45 480	1 762 473	-	959 261	1 892 219	38 571	6 530 648
Paper products	9 144 243	486 815	39 175	331 205	347 837	841	683 128	1 544	336 162	925 073	50 991	11 331 221
Newsprint	4 677 215	395 374	25 969	284 031	194 756	15	479 424	-	294 259	655 243	30 140	6 263 364
Other paper and paperboard	3 528 342	73 314	11 952	42 168	129 918	249	172 975	171	35 547	236 816	11 346	4 034 932
Book and writing paper	1 350 434	18 197	1 696	19 489	44 479	222	64 191	-	12 781	24 898	2 498	1 461 914
Fine paper	842 337	5 047	902	691	9 331	-	10 028	-	40	11 649	2 243	872 213
Tissue and sanitary	92 424	1 471	195	2 948	1 189	7	4 297	-	3 463	16 967	2 442	117 796
Wrapping and packaging	217 535	6 402	128	3 236	14 490	-	17 728	-	5 411	42 453	148	284 392
Paperboard	614 942	24 989	6 201	12 211	59 097	9	71 758	48	13 556	135 081	484	853 503
Building paper and paperboard	45 854	3	-	-	-	-	1	-	-	10	-	45 871
Converted paper	364 814	17 205	2 830	3 593	1 331	11	4 973	123	296	5 759	3 530	399 242
Other paper products	938 686	18 127	1 253	5 006	23 160	578	30 729	1 373	6 356	33 014	9 505	1 032 925
Total forest products	22 634 834	594 202	68 971	754 427	2 310 956	67 703	3 217 202	3 199	3 933 578	5 699 576	199 890	32 419 129

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 13A. Domestic Exports^a of Forest Products (Quantity) by Commodity Group and Major Trade Group, 1993

Commodity	United States	South and Central America	Africa	Europe				Asia			Oceania	World
				United Kingdom	Other EU	Scandinavia	Europe	Former USSR	Japan	Asia		
A. Primary wood products												
Logs, bolts - Total (1 000 m ³)	354	-	-	1	4	-	7	-	591	696	-	1 057
- Softwood logs	322	-	-	-	-	-	-	-	588	676	-	999
Pulpwood - Total (1 000 m ³)	145	-	-	-	-	-	-	-	-	51	-	195
- Softwoods	112	-	-	-	-	-	-	-	-	16	-	127
Wood chips (1 000 t)	329	-	-	-	1	-	1	-	568	568	-	898
B. Wood-fabricated materials												
Lumber - Softwoods (1 000 m ³)	35 104	12	68	566	494	-	1 070	-	5 493	6 446	245	42 946
- Hardwoods	480	-	4	25	79	9	114	-	16	49	-	647
Shingles and shakes (1 000 m ²)	27 323	39	1	53	241	-	297	-	19	26	113	27 804
Veneer - Softwoods (1 000 m ²)	67 231	39	-	8	5	-	17	-	192	220	-	67 507
- Hardwoods	107 734	664	1 495	1 197	9 299	2 436	14 554	-	1 257	5 782	126	130 356
Plywood - Softwoods (1 000 m ³)	20	1	-	38	95	5	140	-	98	115	-	277
- Hardwoods	134	1	-	-	-	-	1	-	-	-	-	137
Waferboard (1 000 m ³)	1 914	-	-	9	1	-	12	-	118	154	-	2 081
Particleboard (1 000 m ³)	846	-	-	-	-	-	-	-	-	41	-	888
Fibreboard (1 000 m ³)	211	1	-	4	10	6	21	-	14	53	2	289
Other wood products (1 000 m ³)	33 283	2	-	640	178	36	862	-	191	684	133	34 992
C. Wood pulp and paper products												
Wood pulp - Total	4 211	177	46	339	2 009	42	2 490	-	1 189	2 368	87	9 379
- Chemical	4 066	176	46	339	2 000	42	2 480	-	1 056	2 218	87	9 072
Paper products	10 191	589	29	517	514	2	1 040	-	272	1 057	48	12 954
Newsprint	6 924	507	18	452	347	-	802	-	222	739	40	9 029
Other paper and paperboard	3 267	82	11	65	170	1	238	-	50	319	8	3 924
Book and writing paper	1 267	14	-	12	37	-	49	-	18	30	1	1 362
Fine paper	779	3	1	1	3	-	4	-	-	5	2	794
Tissue and sanitary	68	1	-	21	1	-	22	-	2	9	3	105
Wrapping and packaging	184	17	2	6	23	-	31	-	8	65	-	299
Paperboard	792	44	8	24	103	1	130	-	22	208	-	1 182
Building paper and paperboard	106	-	-	-	-	-	-	-	-	-	-	106
Converted paper	70	3	1	1	-	-	1	-	-	1	1	78

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 13B. Domestic Exports^a of Forest Products (Quantity) by Commodity Group and Major Trade Group, 1994

Commodity	United States	South and Central America	Africa	Europe				Former USSR	Asia		Oceania	World
				United Kingdom	Other EU	Scandinavia	Europe		Japan	Asia		
A. Primary wood products												
Logs, bolts - Total (1 000 m ³)	375	-	-	--	10	--	12	-	335	388	-	776
- Softwood logs	299	-	-	-	--	-	--	-	334	384	-	683
Pulpwood - Total (1 000 m ³)	382	-	-	-	73	-	73	-	-	29	-	484
- Softwoods	241	-	-	-	-	-	-	-	-	29	-	269
Wood chips (1 000 t)	154	-	-	--	--	-	--	-	476	477	--	632
B. Wood-fabricated materials												
Lumber - Softwoods (1 000 m ³)	37 525	7	1	542	448	--	996	-	5 472	6 135	239	44 905
- Hardwoods	547	--	4	55	117	11	185	-	19	63	--	799
Shingles and shakes (1 000 m ²)	25 251	22	3	80	299	1	391	-	18	29	93	25 791
Veneer - Softwoods (1 000 m ²)	93 645	3	-	-	40	-	40	-	4 942	5 211	8	98 907
- Hardwoods	113 280	1 092	1 032	1 330	12 565	3 252	18 221	-	905	7 868	124	141 617
Plywood - Softwoods (1 000 m ³)	23	--	--	34	84	3	121	-	96	101	1	246
- Hardwoods	162	--	--	--	1	-	1	-	1	2	-	166
Waferboard (1 000 m ³)	2 289	--	-	2	1	-	4	-	129	139	--	2 434
Particleboard (1 000 m ³)	973	--	-	-	--	--	1	-	--	40	-	1 014
Fibreboard (1 000 m ³)	302	1	--	2	8	1	12	-	17	44	--	360
Other wood products (1 000 m ³)	33 723	77	1	468	242	--	783	-	83	594	97	35 284
C. Wood pulp and paper products (1 000 t)												
Wood pulp - Total	15 131	856	87	848	2 708	65	3 729	-	1 901	4 337	123	24 263
- Chemical	4 417	156	31	330	2 219	65	2 722	-	1 584	3 055	70	10 451
Paper products	4 217	154	31	329	2 215	65	2 718	-	1 457	2 919	63	10 103
Newsprint	10 715	700	56	518	487	--	1 007	-	317	1 281	53	13 812
Other paper and paperboard	7 048	614	43	467	277	--	743	-	265	902	45	9 395
Book and writing paper	3 667	86	13	52	210	--	263	-	52	379	9	4 417
Fine paper	1 442	18	2	19	44	--	64	-	15	31	3	1 560
Tissue and sanitary	833	3	--	1	3	-	4	-	--	10	2	852
Wrapping and packaging	78	1	--	3	--	--	4	-	2	13	2	98
Paperboard	226	9	--	6	26	-	31	-	8	66	--	333
Building paper and paperboard	900	49	10	22	136	--	159	-	28	256	1	1 374
Converted paper	106	--	-	-	-	-	--	-	-	--	-	106
	82	6	1	1	--	--	1	-	--	2	1	94

^aExcluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 14A. Domestic Exports^a of Forest Products (Value) by Major Commodity Group and Trade Area^b and by Province or Region of Lading/Origin, 1993 (concluded)

(Thousands of dollars)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada	%
China, People's Rep.	111	-	4	3 606	3 721	9 521	305	5	--	3 835	3 840	170 967	-	188 354	0.7
Softwood lumber	-	-	-	-	-	3 245	--	-	-	-	-	38 402	-	41 647	
Wood pulp	-	-	-	-	-	--	-	-	--	3 767	3 767	112 122	-	115 889	
Newsprint	-	-	-	3 606	3 606	5 907	-	--	-	-	--	15 891	-	25 404	
Japan	17 291	-	908	103 566	121 766	32 083	12 190	873	23 925	165 097	189 895	2 819 099	3 445	3 178 478	11.9
Softwood lumber	-	-	-	--	--	338	583	-	-	25 979	25 979	2 024 529	71	2 051 501	
Wood pulp	-	-	906	49 838	50 744	17 400	1 798	-	23 925	116 458	140 384	368 408	-	578 734	
Newsprint	17 291	-	--	53 728	71 019	2 173	-	-	-	-	-	155 758	-	228 950	
Southeast Asia	1 798	-	1 077	1 289	4 164	51 150	9 872	318	1 378	15 823	17 519	153 407	-	236 112	0.9
Softwood lumber	-	-	-	-	-	2	11	59	-	--	59	11 241	-	11 313	
Wood pulp	-	-	228	165	393	19 198	1 288	-	1 378	15 733	17 111	54 309	-	92 299	
Newsprint	1 744	-	820	26	2 589	20 879	2 435	--	-	-	--	59 364	-	85 268	
Australia	113	-	706	139	957	5 112	5 401	--	120	74	194	155 975	-	167 638	0.6
Softwood lumber	-	-	-	-	-	-	19	-	-	70	70	89 753	-	89 843	
Wood pulp	-	-	686	-	686	232	-	-	-	-	-	38 946	-	39 863	
Newsprint	11	-	-	--	11	13	49	-	-	-	-	22 940	-	23 014	
Other countries	31 651	--	8 340	29 864	69 856	90 653	43 113	1 329	20 912	58 625	80 866	514 115	--	798 603	3.0
Softwood lumber	5	--	590	12	606	422	773	37	--	694	731	108 852	--	111 384	
Wood pulp	--	-	1 340	17 817	19 157	32 349	79	--	20 559	49 324	69 881	227 962	-	349 430	
Newsprint	31 637	--	4 969	9 351	45 959	20 765	1 896	220	--	--	220	83 703	-	152 541	
World	455 485	854	498 255	1 328 777	2 283 371	6 459 834	4 943 597	209 212	272 329	749 203	1 230 744	11 763 130	3 997	26 684 674	100.0
Softwood lumber	105	453	14 539	252 392	267 489	977 899	1 101 856	96 738	57 635	117 433	271 807	6 560 292	496	9 179 840	
Wood pulp	41	-	186 842	395 868	582 752	691 716	465 649	635	144 867	402 880	548 382	2 352 283	-	4 640 782	
Newsprint	454 875	48	261 953	280 326	997 202	2 644 645	1 267 345	554	126	934	1 614	1 168 116	-	6 078 922	

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 14B. Domestic Exports^a of Forest Products (Value) by Major Commodity Group and Trade Area^b and by Province or Region of Lading/Origin, 1994 (concluded)
(Thousands of dollars)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada	%
China, People's Rep.	209	-	--	--	209	28 304	2 369	318	38	1 963	2 319	220 240	-	253 441	0.8
Softwood lumber	-	-	-	-	-	35	20	-	-	-	-	8 130	-	8 185	
Wood pulp	-	-	-	-	-	9 698	-	-	38	1 941	1 979	194 258	-	205 935	
Newsprint	-	-	-	--	--	5 142	-	276	-	-	276	5 237	-	10 655	
Japan	20 663	-	706	154 100	175 469	72 108	10 827	786	45 256	331 719	377 760	3 294 520	2 894	3 933 578	12.1
Softwood lumber	-	-	-	62	62	671	198	-	-	62 283	62 283	2 271 115	--	2 334 329	
Wood pulp	-	-	590	68 555	69 145	16 932	--	-	44 979	240 767	285 746	650 264	-	1 022 086	
Newsprint	20 663	-	25	85 468	106 155	39 174	-	-	-	-	-	148 930	-	294 259	
Southeast Asia	210	-	20 973	24 482	45 665	38 148	16 986	2 532	5 857	20 081	28 470	189 315	-	318 582	1.0
Softwood lumber	-	-	-	-	-	115	--	128	-	32	160	5 727	-	6 002	
Wood pulp	-	-	4 151	--	4 151	5 033	--	-	5 857	19 955	25 812	111 369	-	146 365	
Newsprint	135	-	16 805	24 073	41 013	21 613	8 396	2 036	-	-	2 036	43 986	-	117 044	
Australia	--	-	--	16	16	7 524	6 759	188	--	6	194	168 512	-	183 004	0.6
Softwood lumber	-	-	-	-	-	-	--	-	-	--	--	92 524	-	92 524	
Wood pulp	-	-	--	-	--	169	-	-	-	-	-	41 381	-	41 550	
Newsprint	--	-	-	16	16	9	--	-	-	-	-	30 086	-	30 112	
Other countries	24 460	12	12 609	42 806	79 887	154 053	48 476	7 989	29 731	171 723	209 443	705 489	--	1 197 349	3.7
Softwood lumber	--	12	449	1	462	142	534	--	--	350	350	94 755	--	96 242	
Wood pulp	--	-	1 546	20 345	21 890	43 183	4 719	--	29 730	164 219	193 946	394 706	-	658 443	
Newsprint	24 383	--	9 534	16 101	50 019	51 530	2 131	5 825	--	--	5 825	98 667	-	208 177	
World	496 657	1 377	482 758	1 655 889	2 636 682	7 841 618	5 927 941	277 530	304 808	1 286 305	1 868 642	14 141 193	3 054	32 419 129	100.0
Softwood lumber	10	610	18 454	331 583	350 657	1 400 641	1 333 695	92 978	31 874	164 125	288 976	7 636 816	114	11 010 900	
Wood pulp	--	-	209 087	463 885	672 972	953 744	574 606	13 437	180 374	790 944	984 755	3 524 590	-	6 710 667	
Newsprint	496 085	--	213 865	345 552	1 055 502	2 725 441	1 317 294	29 523	102	2 111	31 736	1 133 390	-	6 263 364	

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 15A. Domestic Exports^a of Forest Products (Quantity) by Major Commodity Group and Trade Area^b and by Province or Region of Lading/Origin, 1993 (concluded)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
China, People's Rep.														
Softwood lumber (1 000 m ³)	-	-	-	-	-	20	-	-	-	-	-	217	-	237
Wood pulp (1 000 t)	-	-	-	-	-	-	-	-	-	7	7	265	-	272
Newsprint (1 000 t)	-	-	-	6	6	12	-	-	-	-	-	35	-	52
Japan														
Softwood lumber (1 000 m ³)	-	-	-	-	-	1	3	-	-	100	100	5 387	--	5 493
Wood pulp (1 000 t)	-	-	2	120	122	21	5	-	51	238	289	752	-	1 189
Newsprint (1 000 t)	22	-	-	59	81	3	-	-	-	-	-	138	-	222
Southeast Asia														
Softwood lumber (1 000 m ³)	-	-	-	-	-	--	--	--	-	-	--	59	-	60
Wood pulp (1 000 t)	-	-	1	--	1	42	3	-	3	39	42	121	-	209
Newsprint (1 000 t)	4	-	2	--	6	42	4	-	-	-	-	112	-	164
Australia														
Softwood lumber (1 000 m ³)	-	-	-	-	-	-	--	-	-	--	--	224	-	224
Wood pulp (1 000 t)	-	-	1	-	1	--	-	-	-	-	-	86	-	87
Newsprint (1 000 t)	--	-	-	-	--	--	--	-	-	-	-	38	-	39
Other countries														
Softwood lumber (1 000 m ³)	--	--	5	1	5	2	3	--	--	3	3	360	--	371
Wood pulp (1 000 t)	--	-	3	42	47	67	--	--	50	118	167	534	-	815
Newsprint (1 000 t)	56	--	9	15	80	38	5	--	--	--	--	153	-	274
World														
Softwood lumber (1 000 m ³)	--	3	76	1 473	1 553	5 870	6 226	538	320	666	1 524	27 772	1	42 946
Wood pulp (1 000 t)	--	-	373	785	1 159	1 279	966	2	290	865	1 157	4 819	-	9 379
Newsprint (1 000 t)	659	--	384	440	1 483	3 703	1 844	1	--	1	2	1 997	-	9 029

^aExcluding re-exports.

^bSee Section IX.B. for details on groupings of trade areas used in this table.

Source: Statistics Canada Special Compilation, International Trade Division.

II - 15B. Domestic Exports^a of Forest Products (Quantity) by Major Commodity Group and Trade Area^b and by Province or Region of Lading/Origin, 1994 (concluded)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
China, People's Rep.														
Softwood lumber (1 000 m ³)	-	-	-	-	-	--	--	-	-	-	-	46	-	46
Wood pulp (1 000 t)	-	-	-	-	-	13	-	-	--	2	2	298	-	313
Newsprint (1 000 t)	-	-	-	-	-	10	-	1	-	-	1	9	-	19
Japan														
Softwood lumber (1 000 m ³)	-	-	-	--	--	2	1	-	-	168	168	5 301	-	5 472
Wood pulp (1 000 t)	-	-	1	116	117	21	-	-	72	382	454	993	-	1 584
Newsprint (1 000 t)	24	-	--	83	108	37	-	-	-	-	-	120	-	265
Southeast Asia														
Softwood lumber (1 000 m ³)	-	-	-	-	-	--	-	--	-	--	1	19	-	20
Wood pulp (1 000 t)	-	-	8	-	8	9	-	-	10	31	41	171	-	229
Newsprint (1 000 t)	--	-	27	37	64	39	15	4	-	-	4	85	-	207
Australia														
Softwood lumber (1 000 m ³)	-	-	-	-	-	-	-	-	-	-	-	223	-	223
Wood pulp (1 000 t)	-	-	-	-	-	--	-	-	-	-	-	70	-	70
Newsprint (1 000 t)	-	-	-	--	--	--	-	-	-	-	-	45	-	45
Other countries														
Softwood lumber (1 000 m ³)	--	--	2	1	3	2	2	1	--	1	1	377	--	385
Wood pulp (1 000 t)	-	-	2	35	37	71	5	--	49	264	314	610	-	1 037
Newsprint (1 000 t)	45	-	18	27	89	88	3	10	--	--	10	171	-	361
World														
Softwood lumber (1 000 m ³)	--	3	76	1 634	1 714	6 899	6 487	461	157	685	1 303	28 501	1	44 905
Wood pulp (1 000 t)	-	-	379	735	1 114	1 411	927	23	306	1 291	1 620	5 379	-	10 451
Newsprint (1 000 t)	697	-	371	494	1 561	4 055	1 953	38	--	3	41	1 785	-	9 395

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Special Compilation, International Trade Division.

Exports by Trade Area

Billions of dollars

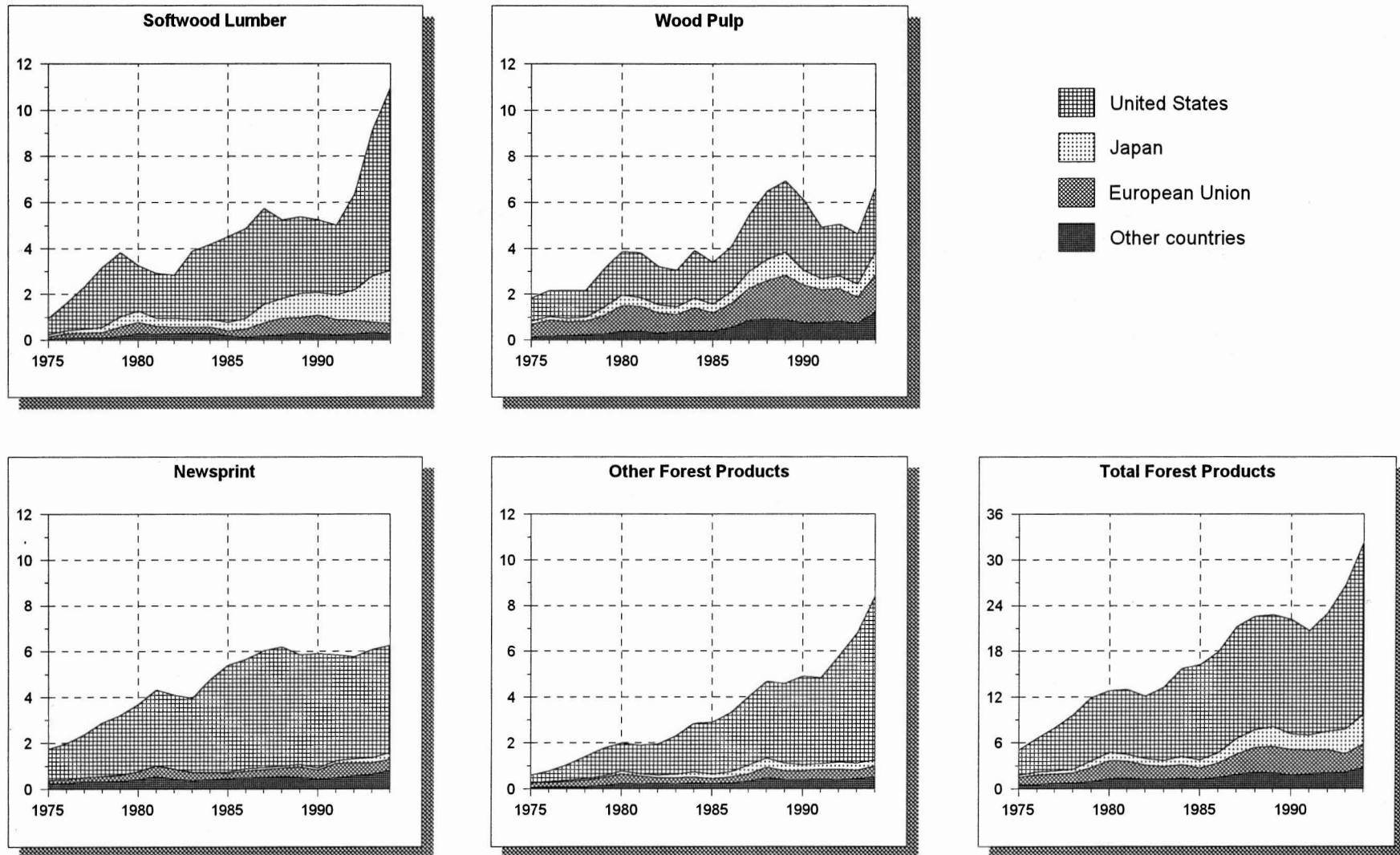


Figure 13. Exports of Canadian forest products by commodity group and principal trade area, 1975-1994.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

Exports
Billions of dollars

1993 1994

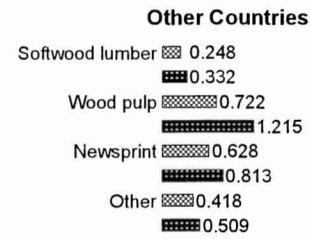
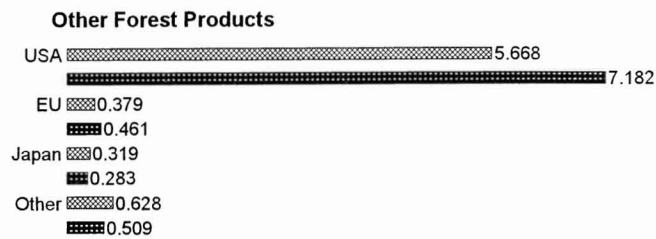
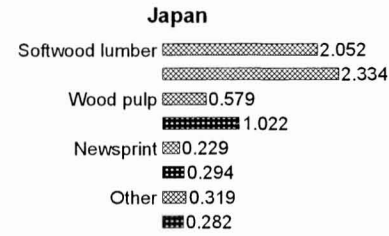
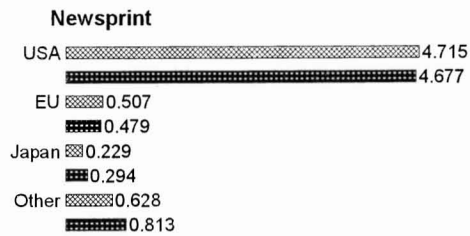
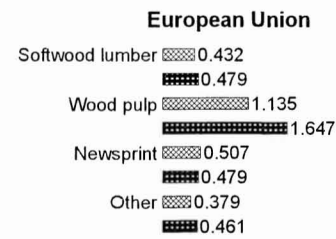
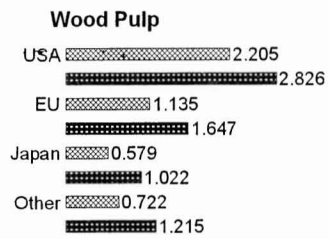
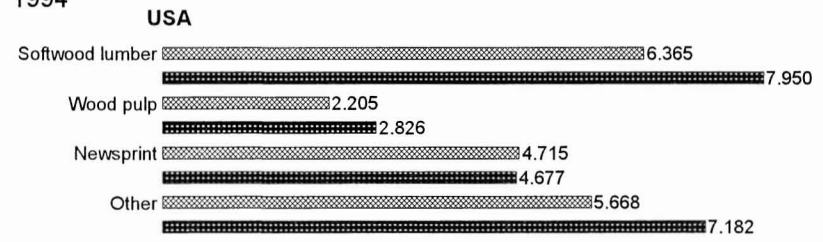
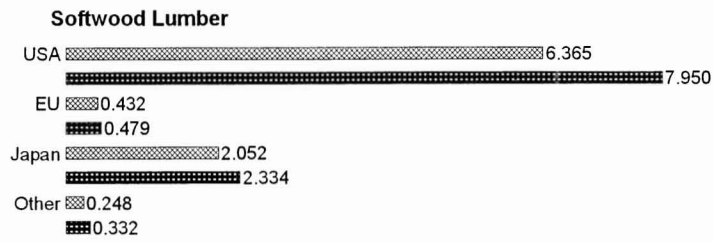


Figure 14. Exports of Canadian forest products by commodity group and principal trade area, 1993-1994.

Source : Statistics Canada, Cat. No. 65-202 and special compilation.

II - 16A. Domestic Exports^a of Forest Products (Value) by Major Commodity Group and Trade Area^b, 1993
(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
United States	21 466	187 326	6 365 042	8 282 567	2 204 773	4 714 982	8 278 155	18 952 822
Central America	-	987	2 875	6 116	30 653	75 350	124 653	162 409
Mexico	-	-	52	271	29 932	18 215	22 661	52 864
South America	-	43	1 103	2 272	52 835	242 793	263 515	318 666
Brazil	-	-	63	97	21 594	102 283	107 784	129 475
Chile	-	-	-	781	-	6 149	7 933	8 714
Venezuela	-	43	-	95	29 217	57 392	59 821	89 175
Africa	-	5 775	20 364	27 326	19 899	9 430	20 361	73 361
Algeria	-	5 163	18 002	18 002	-	-	15	23 180
Morocco	-	602	1 259	1 259	-	2 198	2 504	4 365
Middle East - Africa	-	-	1 103	3 260	1 718	4 168	6 220	11 198
Europe	333	3 977	435 825	645 795	1 210 648	509 557	703 332	2 563 752
European Union	333	3 440	431 532	620 201	1 134 962	507 040	694 767	2 453 369
Belgium-Luxembourg	-	179	86 260	97 943	101 911	16 853	56 544	256 578
Denmark	-	12	1 021	2 768	-	5	601	3 382
France	15	1 134	21 966	36 132	122 202	62 500	70 805	230 273
Germany	281	474	70 769	127 831	391 115	45 720	85 789	605 208
Greece	-	-	623	3 065	8 954	16 137	21 286	33 305
Ireland	-	-	773	4 167	10 877	2 902	3 754	18 798
Italy	7	737	78 600	98 138	244 099	38 250	46 430	389 404
Netherlands	-	7	20 491	37 158	77 435	35 093	47 833	162 432
Portugal	-	747	-	4 540	71	1 914	3 631	8 989
Spain	31	43	1 895	9 992	16 522	27 207	38 827	65 385
United Kingdom	-	107	149 133	198 469	161 775	260 459	319 265	679 615
Scandinavia	-	459	298	15 892	26 852	50	1 486	44 688
Finland	-	-	107	3 637	23 806	-	125	27 568
Norway	-	459	70	3 035	22	50	806	4 322
Sweden	-	-	122	9 219	3 024	-	555	12 798
Other Europe	-	79	3 995	9 702	48 834	2 467	7 079	65 694
Former USSR	-	-	5	198	-	-	777	975
Asia	81 587	214 793	2 251 674	2 416 761	1 082 111	502 929	710 496	4 424 161
China, People's Rep.	-	11	41 647	43 734	115 889	25 404	28 720	188 354
Hong Kong	-	859	1 816	18 516	9 584	21 957	48 941	77 901
India	-	-	906	1 178	25 019	58 434	58 877	85 074
Japan	81 536	198 103	2 051 501	2 134 593	578 734	228 950	267 047	3 178 478
Korea, Rep. of (South)	-	8 235	36 570	54 258	163 541	17 729	60 449	286 483
Middle East - Asia	-	5 129	52 939	68 082	12 775	17 164	58 806	144 792
Southeast Asia	-	1 024	11 313	17 480	92 299	85 268	125 309	236 112
Taiwan	52	1 415	54 786	78 428	81 317	46 032	58 362	219 523
Oceania	-	11	102 576	106 692	39 863	23 881	40 424	186 990
Australia	-	5	89 843	92 781	39 863	23 014	34 989	167 638
New Zealand	-	6	12 648	13 504	-	458	4 890	18 400
World	103 386	412 919	9 179 840	11 488 926	4 640 782	6 078 922	10 142 047	26 684 674

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

II - 16B. Domestic Exports^a of Forest Products (Value) by Major Commodity Group and Trade Area^b, 1994
(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Paper products			Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
United States	10 883	218 798	7 949 718	10 445 551	2 826 242	4 677 215	9 144 243	22 634 834
Central America	-	944	1 828	5 575	47 925	86 053	140 101	194 545
Mexico	-	-	123	347	47 217	28 959	42 440	90 005
South America	-	71	966	2 809	50 064	309 321	346 714	399 657
Brazil	-	-	-	255	26 654	152 299	160 893	187 801
Chile	-	-	-	1 086	-	8 257	12 411	13 497
Venezuela	-	71	-	60	20 481	43 627	47 105	67 717
Africa	-	1 734	477	5 561	22 502	25 969	39 175	68 971
Algeria	-	-	-	-	-	-	64	64
Morocco	-	1 734	241	241	-	898	956	2 931
Middle East - Africa	-	-	55	1 012	2 623	22 839	24 817	28 451
Europe	103	10 506	483 351	759 539	1 764 029	479 424	683 128	3 217 202
European Union	99	10 361	478 828	729 030	1 646 951	478 788	679 041	3 065 383
Belgium-Luxembourg	-	194	81 720	98 565	180 428	10 292	61 512	340 699
Denmark	-	11	1 059	4 693	-	-	55	4 759
France	-	5 955	25 916	48 641	190 218	47 466	56 604	301 417
Germany	8	221	95 699	173 873	556 086	44 384	82 381	812 562
Greece	-	15	177	2 791	15 936	10 175	18 892	37 635
Ireland	-	-	2 856	7 959	10 689	2 037	2 843	21 491
Italy	-	2 393	85 113	111 939	397 664	41 303	51 775	563 772
Netherlands	-	48	18 834	37 916	64 101	29 886	52 377	154 440
Portugal	-	1 190	-	3 202	1 509	2 367	2 675	8 576
Spain	79	235	2 923	16 651	29 997	6 846	18 723	65 605
United Kingdom	12	99	164 532	222 800	200 323	284 031	331 205	754 427
Scandinavia	-	76	314	21 306	45 480	15	841	67 703
Finland	-	-	36	4 683	33 881	15	165	38 729
Norway	-	61	247	2 993	-	-	186	3 239
Sweden	-	16	31	13 630	11 599	-	491	25 735
Other Europe	4	69	4 210	9 203	71 599	620	3 246	84 116
Former USSR	-	-	24	1 655	-	-	1 544	3 199
Asia	72 547	147 156	2 470 699	2 668 991	1 958 356	655 243	925 073	5 699 576
China, People's Rep.	31	109	8 185	19 211	205 935	10 655	28 187	253 441
Hong Kong	-	850	2 875	26 076	2 084	45 699	90 434	119 444
India	-	-	902	1 255	49 529	62 407	62 974	113 759
Japan	72 316	134 521	2 334 329	2 440 808	1 022 086	294 259	336 162	3 933 578
Korea, Rep. of (South)	165	4 598	21 658	38 771	350 146	29 496	89 142	482 656
Middle East - Asia	-	3 833	41 667	54 325	17 003	27 989	64 446	139 607
Southeast Asia	35	505	6 002	14 038	146 365	117 044	157 674	318 582
Taiwan	-	1 851	54 917	74 038	156 961	63 029	86 943	319 793
Oceania	29	90	103 549	107 260	41 550	30 140	50 991	199 890
Australia	14	75	92 524	94 816	41 550	30 112	46 563	183 004
New Zealand	15	15	10 808	11 924	-	-	4 283	16 221
World	83 562	379 334	11 010 900	13 997 906	6 710 667	6 263 364	11 331 221	32 419 129

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

II - 17A. Domestic Exports^a of Forest Products (Quantity) by Major Commodity Group and Trade Area^b, 1993

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	Total
	m ³	t	m ³	m ²	m ³	t	t	t
United States	498 984	328 762	35 103 725	27 322 637	1 914 372	4 211 123	6 923 966	10 190 850
Central America	15	-	10 124	39 326	138	69 819	122 700	179 545
Mexico	-	-	450	-	-	68 608	29 119	30 599
South America	-	-	1 713	-	190	106 994	383 993	409 369
Brazil	-	-	258	-	-	44 289	156 579	162 168
Chile	-	-	-	-	-	-	11 624	13 313
Venezuela	-	-	-	-	-	57 928	90 210	92 896
Africa	-	-	67 950	1 068	-	45 697	18 102	29 375
Algeria	-	-	53 655	-	-	-	-	-
Morocco	-	-	7 966	-	-	-	3 977	4 471
Middle East - Africa	-	-	6 329	-	-	2 481	9 289	12 555
Europe	6 736	1 291	1 069 773	296 974	11 609	2 490 151	802 070	1 039 766
European Union	6 626	1 291	1 060 134	295 227	11 218	2 348 799	798 205	1 032 627
Belgium-Luxembourg	301	-	183 936	20 342	868	197 345	19 347	113 040
Denmark	-	-	1 467	1 022	-	-	4	4
France	2 378	14	35 690	92 431	-	267 968	82 549	89 083
Germany	314	1 112	99 558	116 706	74	767 460	64 966	86 014
Greece	-	-	774	-	-	15 412	25 971	33 650
Ireland	-	-	3 481	929	-	10 721	5 290	5 457
Italy	1 337	15	113 489	5 128	354	547 139	54 951	66 478
Netherlands	-	-	51 366	5 110	449	168 734	49 428	60 079
Portugal	1 474	-	-	-	-	192	2 878	4 371
Spain	22	150	4 738	409	-	34 440	40 587	56 970
United Kingdom	800	-	565 635	53 150	9 473	339 388	452 234	517 482
Scandinavia	-	-	499	-	-	42 163	78	1 548
Finland	-	-	162	-	-	36 194	-	28
Norway	-	-	120	-	-	43	78	1 520
Sweden	-	-	217	-	-	5 926	-	-
Other Europe	110	-	9 140	1 747	391	99 189	3 787	5 591
Former USSR	-	-	47	-	-	-	-	56
Asia	746 841	567 835	6 445 923	25 964	154 144	2 368 142	738 771	1 057 333
China, People's Rep.	-	-	237 476	-	-	272 216	52 300	58 821
Hong Kong	-	-	11 943	-	-	14 669	39 137	84 447
India	-	-	3 879	-	-	69 843	105 990	106 804
Japan	590 802	567 730	5 492 577	19 260	117 694	1 188 905	221 728	271 621
Korea, Rep. (South)	91 529	-	92 317	-	27 119	392 903	33 310	93 848
Middle East - Asia	60 555	-	317 244	1 954	-	27 257	34 551	107 464
Southeast Asia	1 398	-	59 623	4 750	-	209 134	163 863	228 627
Taiwan	2 557	105	230 278	-	9 331	187 250	83 148	97 805
Oceania	-	-	244 507	113 246	334	87 369	39 734	47 573
Australia	-	-	224 002	49 257	334	87 369	38 581	43 432
New Zealand	-	-	20 209	48 716	-	-	558	3 408
World	1 252 576	897 888	42 946 106	27 804 350	2 080 792	9 379 295	9 029 336	12 953 874

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

II - 17B. Domestic Exports^a of Forest Products (Quantity) by Major Commodity Group and Trade Area^b, 1994

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	Total
	m ³	t	m ³	m ²	m ³	t	t	t
United States	757 713	154 439	37 524 718	25 251 375	2 289 478	4 416 676	7 047 962	10 714 786
Central America	-	-	6 190	22 287	26	80 196	145 269	192 889
Mexico	-	-	334	-	-	79 224	52 289	58 594
South America	-	-	1 228	-	-	75 603	468 905	507 324
Brazil	-	-	-	-	-	39 135	225 763	231 699
Chile	-	-	-	-	-	-	15 570	19 641
Venezuela	-	-	-	-	-	31 128	69 272	71 362
Africa	-	-	1 161	2 880	-	30 956	42 706	55 857
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	265	-	-	-	1 989	1 989
Middle East - Africa	-	-	235	-	-	4 082	36 417	38 787
Europe	84 572	231	996 287	392 656	4 394	2 722 169	743 345	1 006 803
European Union	84 418	207	989 498	379 216	3 105	2 548 773	742 780	1 005 362
Belgium-Luxembourg	319	-	150 269	44 641	-	261 197	13 302	134 894
Denmark	-	-	1 182	1 022	-	-	-	1
France	54 874	-	36 580	89 666	61	302 709	62 854	69 281
Germany	313	17	114 559	143 148	64	826 334	63 875	86 241
Greece	24	-	150	-	-	22 238	14 932	30 408
Ireland	-	-	10 689	2 016	-	11 386	3 553	3 694
Italy	26 095	-	95 970	8 249	398	639 880	61 212	72 949
Netherlands	-	-	34 009	10 349	760	104 556	44 068	64 242
Portugal	2 465	-	-	-	-	3 029	2 571	2 571
Spain	184	152	3 856	-	5	47 933	9 839	22 801
United Kingdom	144	38	542 234	80 125	1 817	329 511	466 574	518 280
Scandinavia	23	-	334	1 347	-	64 704	13	254
Finland	-	-	42	-	-	42 837	13	40
Norway	-	-	274	1 347	-	-	-	2
Sweden	23	-	18	-	-	21 867	-	212
Other Europe	131	24	6 455	12 093	1 289	108 692	552	1 187
Former USSR	-	-	55	-	-	-	-	107
Asia	417 229	477 089	6 134 533	29 326	139 367	3 055 426	902 449	1 281 112
China, People's Rep.	36	123	46 231	-	117	313 413	19 390	36 922
Hong Kong	218	-	16 822	-	49	2 894	77 843	133 363
India	-	-	3 107	-	-	86 422	109 374	109 565
Japan	334 954	476 443	5 471 732	18 126	128 552	1 584 496	264 562	316 586
Korea, Rep. (South)	49 873	441	44 972	2 118	7 299	548 043	48 063	145 531
Middle East - Asia	28 757	-	237 268	1 013	76	26 851	54 443	117 018
Southeast Asia	596	82	20 151	8 069	-	229 440	206 680	265 376
Taiwan	2 795	-	294 084	-	3 274	253 177	111 867	141 089
Oceania	-	76	239 122	92 712	244	69 951	44 831	53 387
Australia	-	16	223 328	27 885	211	69 951	44 790	51 225
New Zealand	-	60	15 052	51 923	33	-	-	2 065
World	1 259 514	631 835	44 904 657	25 791 952	2 433 524	10 450 977	9 395 467	13 812 271

^aExcluding re-exports.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

II - 18A. Imports of Forest Products (Value) by Major Commodity Group and Trade Area^a, 1993
(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
United States	22 992	300 963	150 655	1 060 648	166 198	8 532	2 373 902	3 901 711
Central America	-	19	20	3 515	-	-	9 054	12 588
Mexico	-	19	20	2 811	-	-	9 022	11 852
South America	-	279	644	17 177	12 815	-	5 192	35 463
Brazil	-	264	484	13 388	12 747	-	4 608	31 007
Chile	-	-	130	2 833	68	-	-	2 901
Venezuela	-	-	-	-	-	-	-	-
Africa	-	60	-	1 928	-	-	88	2 076
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	35	-	-	-	35
Middle East - Africa	-	-	-	16	-	-	6	22
Europe	11	576	884	44 902	2 279	318	272 972	320 729
European Union	11	576	99	31 510	1 174	191	208 108	241 368
Belgium-Luxembourg	-	-	-	1 172	-	-	7 298	8 471
Denmark	-	-	-	587	-	-	2 961	3 548
France	-	-	-	1 017	2	-	45 353	46 372
Germany	11	28	99	6 884	-	-	47 373	54 284
Greece	-	4	-	37	-	-	1	41
Ireland	-	-	-	390	-	-	92	481
Italy	-	-	-	11 571	-	-	20 732	32 303
Netherlands	-	68	-	649	-	-	12 930	13 646
Portugal	-	465	-	6 001	1 172	-	492	8 129
Spain	-	-	-	556	-	-	2 144	2 700
United Kingdom	-	12	-	2 646	-	191	68 734	71 391
Scandinavia	-	-	785	11 742	1 105	128	53 323	66 169
Finland	-	-	785	1 726	1 105	128	42 661	45 492
Norway	-	-	-	309	-	-	3 213	3 522
Sweden	-	-	-	9 707	-	-	7 448	17 155
Other Europe	-	-	-	1 650	-	-	11 541	13 191
Former USSR	-	-	29	2 654	-	262	274	2 928
Asia	1	343	53	122 151	-	5	77 148	199 642
China, People's Rep.	-	46	-	18 100	-	-	23 534	41 680
Hong Kong	-	10	-	1 461	-	5	5 875	7 346
India	-	70	-	1 394	-	-	484	1 947
Japan	-	-	-	642	-	-	25 550	26 193
Korea, Rep. of (South)	-	67	-	509	-	-	5 572	6 149
Middle East - Asia	-	7	-	68	-	-	469	544
Southeast Asia	-	126	53	79 010	-	-	7 182	86 318
Taiwan	1	16	-	20 298	-	-	8 313	28 627
Oceania	-	-	414	1 202	-	-	386	1 588
Australia	-	-	-	41	-	-	205	246
New Zealand	-	-	414	1 155	-	-	178	1 333
World	23 004	302 240	154 031	1 257 255	182 137	9 208	2 744 497	4 486 128

^aSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

II - 18B. Imports of Forest Products (Value) by Major Commodity Group and Trade Area^a, 1994

(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
United States	46 986	416 145	168 353	1 165 595	173 513	7 252	2 421 105	4 176 358
Central America	-	110	15	7 570	71	-	7 492	15 243
Mexico	-	50	1	3 647	55	-	7 348	11 100
South America	-	228	1 095	18 255	33 459	-	1 272	53 213
Brazil	-	137	466	14 339	32 235	-	1 213	47 924
Chile	-	-	410	2 094	1 224	-	17	3 335
Venezuela	-	44	-	-	-	-	2	46
Africa	-	64	57	3 631	-	-	183	3 878
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	8	-	-	-	8
Middle East - Africa	-	--	-	12	-	-	-	13
Europe	28	977	213	57 068	1 934	142	268 765	328 744
European Union	28	853	151	41 338	485	-	185 858	228 534
Belgium-Luxembourg	-	-	-	1 617	-	-	3 011	4 629
Denmark	-	5	-	711	-	-	3 802	4 519
France	-	35	3	1 685	22	-	44 375	46 117
Germany	28	94	102	10 458	115	-	40 466	51 134
Greece	-	6	-	107	-	-	2	115
Ireland	-	-	-	190	-	-	124	314
Italy	-	8	35	15 827	52	-	19 444	35 331
Netherlands	-	64	-	1 013	-	-	8 265	9 343
Portugal	-	594	-	6 274	296	-	17	7 181
Spain	-	1	-	1 058	-	-	2 198	3 257
United Kingdom	-	45	11	2 397	-	-	64 153	66 595
Scandinavia	-	7	62	10 994	1 438	142	72 614	85 053
Finland	-	5	62	2 320	383	141	54 561	57 268
Norway	-	-	-	460	-	-	3 553	4 012
Sweden	-	2	-	8 215	1 055	1	14 501	23 773
Other Europe	-	117	-	4 735	11	-	10 293	15 157
Former USSR	-	13	-	1 989	-	-	80	2 083
Asia	7	514	156	129 469	178	-	37 618	167 779
China, People's Rep.	-	93	-	20 814	-	-	6 226	27 133
Hong Kong	-	10	-	1 200	-	-	3 618	4 828
India	-	106	-	2 182	-	-	62	2 350
Japan	-	-	-	503	178	-	22 205	22 886
Korea, Rep. of (South)	-	20	-	931	-	-	2 318	3 268
Middle East - Asia	-	1	-	46	-	-	505	553
Southeast Asia	-	237	156	86 929	-	-	968	88 133
Taiwan	7	48	-	15 940	-	-	1 670	17 659
Oceania	-	1	886	3 054	-	-	543	3 598
Australia	-	-	15	343	-	-	299	642
New Zealand	-	1	871	2 659	-	-	240	2 900
World	47 021	418 067	172 398	1 389 736	209 811	7 527	2 741 827	4 759 441

^aSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

II - 19A. Imports of Forest Products (Quantity) by Major Commodity Group and Trade Area^a, 1993

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		Total
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	
	m ³	t	m ³	m ²	m ³	t	t	
United States	4 621 338	371 207	627 747	-	36 240	253 806	13 138	1 119 600
Central America	-	-	42	-	-	-	-	511
Mexico	-	-	42	-	-	-	-	511
South America	2 013	-	2 639	-	-	21 379	-	4 090
Brazil	1 360	-	2 198	-	-	21 249	-	4 090
Chile	-	-	196	-	-	130	-	-
Venezuela	-	-	-	-	-	-	-	-
Africa	77	-	-	-	-	-	-	19
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	3	218	7 657	-	2	3 957	494	154 828
European Union	3	218	350	-	-	2 065	347	104 022
Belgium-Luxembourg	-	-	-	-	-	-	-	3 188
Denmark	-	-	-	-	-	-	-	19
France	-	-	-	-	-	2	-	26 887
Germany	3	218	350	-	-	-	-	27 519
Greece	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	12 424
Netherlands	-	-	-	-	-	-	-	8 164
Portugal	-	-	-	-	-	2 063	-	483
Spain	-	-	-	-	-	-	-	829
United Kingdom	-	-	-	-	-	-	347	24 510
Scandinavia	-	-	7 307	-	-	1 892	147	44 407
Finland	-	-	7 307	-	-	1 892	147	37 557
Norway	-	-	-	-	-	-	-	2 007
Sweden	-	-	-	-	-	-	-	4 843
Other Europe	-	-	-	-	2	-	-	6 398
Former USSR	-	-	36	-	-	-	432	432
Asia	880	11	53	-	-	-	5	6 597
China, People's Rep.	-	-	-	-	-	-	-	519
Hong Kong	-	-	-	-	-	-	5	82
India	725	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	5 385
Korea, Rep. of (South)	-	-	-	-	-	-	-	356
Middle East - Asia	7	-	-	-	-	-	-	66
Southeast Asia	148	-	53	-	-	-	-	108
Taiwan	-	11	-	-	-	-	-	68
Oceania	-	-	692	-	-	-	-	29
Australia	-	-	-	-	-	-	-	8
New Zealand	-	-	692	-	-	-	-	21
World	4 624 311	371 436	644 799	-	36 245	280 805	14 237	1 286 765

^aSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

II - 19B. Imports of Forest Products (Quantity) by Major Commodity Group and Trade Area^a, 1994

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		Total
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	
	m ³	t	m ³	m ²	m ³	t	t	
United States	5 224 065	776 130	674 480	-	64 360	271 185	9 522	1 255 304
Central America	339	-	76	-	-	61	-	646
Mexico	-	-	10	-	-	40	-	638
South America	1 723	-	5 062	-	-	54 512	-	1 314
Brazil	665	-	2 326	-	-	52 639	-	1 294
Chile	-	-	1 297	-	-	1 873	-	-
Venezuela	354	-	-	-	-	-	-	-
Africa	765	-	286	-	-	-	-	42
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	914	358	945	-	191	3 704	158	157 102
European Union	572	358	814	-	136	874	-	92 901
Belgium-Luxembourg	-	-	-	-	-	-	-	956
Denmark	99	-	-	-	-	-	-	98
France	33	-	19	-	-	27	-	24 881
Germany	437	358	552	-	136	237	-	21 952
Greece	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-
Italy	1	-	166	-	-	88	-	14 457
Netherlands	-	-	-	-	-	-	-	5 480
Portugal	-	-	-	-	-	522	-	6
Spain	2	-	-	-	-	-	-	671
United Kingdom	-	-	77	-	-	-	-	24 399
Scandinavia	66	-	131	-	-	2 810	158	56 581
Finland	66	-	131	-	-	694	156	44 508
Norway	-	-	-	-	-	-	-	2 194
Sweden	-	-	-	-	-	2 116	2	9 879
Other Europe	276	-	-	-	55	20	-	7 619
Former USSR	81	-	-	-	-	-	-	92
Asia	461	52	294	-	-	240	-	6 983
China, People's Rep.	39	-	-	-	-	-	-	401
Hong Kong	-	-	-	-	-	-	-	56
India	134	-	-	-	-	-	-	21
Japan	-	-	-	-	-	240	-	5 384
Korea, Rep. of (South)	-	-	-	-	-	-	-	637
Middle East - Asia	-	-	-	-	-	-	-	78
Southeast Asia	265	-	294	-	-	-	-	228
Taiwan	23	52	-	-	-	-	-	168
Oceania	-	-	2 861	-	-	-	-	95
Australia	-	-	53	-	-	-	-	41
New Zealand	-	-	2 808	-	-	-	-	53
World	5 228 424	776 540	690 817	-	64 551	330 632	9 914	1 422 344

^aSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

II - 20A. Balance of Trade of Forest Products (Value)^a by Major Commodity Group and Trade Area^b, 1993
(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
United States	-1 526	-112 948	6 214 546	7 232 200	2 038 743	4 707 403	5 934 872	15 092 868
Central America	-	968	2 930	2 992	30 653	75 350	115 638	150 252
Mexico	-	-19	31	-2 540	29 932	18 215	13 643	41 016
South America	-	-236	459	-14 817	40 020	242 793	258 483	283 451
Brazil	-	-264	-421	-13 291	8 847	102 283	103 214	98 506
Chile	-	-	-130	-2 052	-68	6 149	7 936	5 816
Venezuela	-	43	-	139	29 217	57 392	59 825	89 224
Africa	-	5 715	20 364	25 558	19 899	9 430	20 279	71 451
Algeria	-	5 163	18 002	18 002	-	-	15	23 180
Morocco	-	602	1 259	1 224	-	2 198	2 504	4 330
Middle East - Africa	-	-	1 103	3 263	1 718	4 168	6 215	11 196
Europe	322	6 958	435 771	657 178	1 208 369	509 239	431 748	2 304 253
European Union	322	6 066	432 242	639 159	1 133 788	506 849	488 026	2 267 038
Belgium-Luxembourg	-	203	86 304	102 573	101 911	16 853	49 292	253 980
Denmark	-	12	1 021	2 564	-	5	-2 360	217
France	15	2 596	22 030	44 858	122 200	62 500	25 615	195 267
Germany	270	631	70 948	136 137	391 115	45 720	38 606	566 489
Greece	-	-4	623	3 493	8 954	16 137	21 285	33 729
Ireland	-	-	773	3 904	10 877	2 902	3 662	18 444
Italy	7	2 255	78 600	96 130	244 099	38 250	25 927	368 413
Netherlands	-	-61	20 491	38 177	77 435	35 093	34 934	150 485
Portugal	-	281	-	-1 368	-1 101	1 914	3 140	952
Spain	31	56	1 917	12 591	16 522	27 207	36 711	65 880
United Kingdom	-	95	149 533	200 100	161 775	260 268	251 213	613 183
Scandinavia	-	459	-487	9 313	25 747	-78	-51 820	-16 301
Finland	-	-	-678	2 347	22 701	-128	-42 536	-17 488
Norway	-	459	70	3 813	22	50	-2 408	1 886
Sweden	-	-	122	3 153	3 024	-	-6 876	-699
Other Europe	-	434	4 017	8 706	48 834	2 467	-4 457	53 515
Former USSR	-	-	-25	-2 456	-	-262	507	-1 949
Asia	81 586	215 284	2 255 000	2 304 918	1 082 111	502 924	633 620	4 235 933
China, People's Rep.	-	-36	41 647	25 635	115 889	25 404	5 186	146 674
Hong Kong	-	850	1 816	17 417	9 584	21 952	43 088	70 939
India	-	-70	906	-216	25 019	58 434	58 393	83 127
Japan	81 536	198 780	2 054 487	2 140 702	578 734	228 950	241 513	3 159 729
Korea, Rep. of (South)	-	8 167	36 570	55 013	163 541	17 729	54 880	281 601
Middle East - Asia	-	5 134	53 332	69 119	12 775	17 164	58 503	145 531
Southeast Asia	-	1 000	11 261	-61 367	92 299	85 268	118 131	150 063
Taiwan	50	1 443	54 786	58 792	81 317	46 032	50 109	191 662
Oceania	-	21	102 309	105 706	39 863	23 881	40 044	185 633
Australia	-	15	89 991	92 956	39 863	23 014	34 788	167 622
New Zealand	-	6	12 234	12 349	-	458	4 713	17 068
World	80 382	115 769	9 030 400	10 309 403	4 458 813	6 070 667	7 430 044	22 314 030

^aThe - sign means deficit.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 20B. Balance of Trade of Forest Products (Value)^a by Major Commodity Group and Trade Area^b, 1994
(Thousands of dollars)

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
United States	-36 097	-196 842	7 781 614	9 293 928	2 652 731	4 670 185	6 753 724	18 503 542
Central America	-	834	1 904	-1 440	47 854	86 078	132 743	179 990
Mexico	-	-50	121	-3 298	47 162	28 984	35 135	78 950
South America	-	-157	-53	-15 356	16 604	309 321	345 443	346 535
Brazil	-	-137	-466	-14 071	-5 581	152 299	159 681	139 892
Chile	-	-	-410	-1 008	-1 224	8 257	12 395	10 163
Venezuela	-	27	-	60	20 481	43 627	47 104	67 671
Africa	-	1 670	420	1 986	22 502	25 969	39 001	65 158
Algeria	-	-	-	-	-	-	64	64
Morocco	-	1 734	241	233	-	898	956	2 923
Middle East - Africa	-	-	55	1 000	2 623	22 839	24 819	28 441
Europe	75	11 729	487 241	731 877	1 762 057	479 281	414 897	2 920 560
European Union	71	11 697	482 779	715 067	1 646 467	478 788	493 871	2 867 102
Belgium-Luxembourg	-	351	84 109	101 711	180 428	10 292	58 528	341 018
Denmark	-	6	1 059	4 448	-	-	-3 748	706
France	-	6 800	26 072	51 704	190 195	47 466	12 515	261 212
Germany	-20	269	95 936	169 902	555 972	44 384	41 973	768 115
Greece	-	10	177	2 868	15 936	10 175	18 890	37 705
Ireland	-	-	2 856	7 848	10 689	2 037	2 719	21 256
Italy	-	3 392	85 577	102 794	397 612	41 303	32 350	536 148
Netherlands	-	-17	18 936	37 564	64 101	29 886	44 183	145 831
Portugal	-	596	-	-3 072	1 213	2 367	2 658	1 395
Spain	79	237	3 060	16 592	29 997	6 846	16 525	63 351
United Kingdom	12	53	164 999	222 711	200 323	284 031	267 279	690 367
Scandinavia	-	69	252	12 159	44 042	-128	-71 769	-15 498
Finland	-	-5	-26	2 550	33 498	-126	-54 396	-18 353
Norway	-	61	247	2 646	-	-	-3 367	-660
Sweden	-	14	31	6 962	10 544	-1	-14 006	3 515
Other Europe	4	-37	4 210	4 650	71 548	620	-7 205	68 957
Former USSR	-	-13	24	-334	-	-	1 476	1 129
Asia	72 540	147 652	2 493 103	2 565 404	1 958 215	655 243	888 462	5 559 734
China, People's Rep.	31	16	8 185	-1 604	205 935	10 655	21 987	226 334
Hong Kong	-	840	2 888	25 442	2 084	45 699	87 046	115 412
India	-	-106	902	-926	49 529	62 407	62 939	111 436
Japan	72 316	135 462	2 354 836	2 462 220	1 021 908	294 259	314 000	3 933 590
Korea, Rep. of (South)	165	4 578	21 826	38 235	350 146	29 496	86 859	479 818
Middle East - Asia	-	3 832	42 500	55 798	17 003	27 989	64 377	141 009
Southeast Asia	35	268	5 846	-72 792	146 402	117 044	156 910	230 789
Taiwan	-7	1 873	55 956	59 486	156 961	63 029	85 277	303 598
Oceania	29	92	106 649	108 226	41 550	30 140	50 466	200 335
Australia	14	75	94 984	96 981	41 550	30 112	46 274	184 880
New Zealand	15	17	11 449	10 777	-	-	4 051	14 845
World	36 547	-35 013	10 869 566	12 682 154	6 500 856	6 256 083	8 621 696	27 769 693

^aThe - sign means deficit.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 21A. Balance of Trade of Forest Products (Quantity)^a by Major Commodity Group and Trade Area^b, 1993

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		Total
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	
	m ³	t	m ³	m ²	m ³	t	t	
United States	-4 122 136	-42 445	34 476 417	27 322 637	1 878 132	3 957 573	6 912 221	9 075 424
Central America	15	-	10 133	39 326	140	69 819	122 700	179 034
Mexico	-	-	408	-	-	68 608	29 119	30 088
South America	-2 013	-	-926	-	190	85 615	383 993	405 279
Brazil	-1 360	-	-1 940	-	-	23 040	156 579	158 078
Chile	-	-	-196	-	-	-130	11 624	13 313
Venezuela	-	-	--	-	-	57 928	90 210	92 896
Africa	-77	-	67 950	1 068	-	45 697	18 102	29 358
Algeria	-	-	53 655	-	-	-	-	-
Morocco	-	-	7 966	-	-	-	3 977	4 471
Middle East - Africa	-	-	6 329	-	-	2 481	9 289	12 555
Europe	37 521	1 073	1 064 103	296 974	11 607	2 486 194	801 576	885 233
European Union	13 135	1 073	1 061 741	295 227	11 218	2 346 734	797 858	928 893
Belgium-Luxembourg	349	-	184 033	20 342	868	197 345	19 347	109 852
Denmark	-	-	1 467	1 022	-	-	4	-15
France	5 779	14	35 791	92 431	-	267 966	82 549	62 196
Germany	691	894	100 017	116 706	74	767 460	64 966	58 504
Greece	-	-	774	-	-	15 412	25 971	33 650
Ireland	-	-	3 481	929	-	10 721	5 290	5 457
Italy	4 005	15	113 489	5 128	354	547 139	54 951	54 122
Netherlands	-	-	51 366	5 110	449	168 734	49 428	51 915
Portugal	1 474	-	-	-	-	-1 871	2 878	3 888
Spain	40	150	4 769	409	-	34 440	40 587	56 141
United Kingdom	800	-	566 554	53 150	9 473	339 388	451 887	493 182
Scandinavia	-	-	-6 808	-	-	40 271	-69	-42 856
Finland	-	-	-7 145	-	-	34 302	-147	-37 529
Norway	-	-	120	-	-	43	78	-487
Sweden	-	-	217	-	-	5 926	-	-4 840
Other Europe	24 386	-	9 170	1 747	389	99 189	3 787	-804
Former USSR	-	-	11	-	-	-	-432	-374
Asia	747 043	567 824	6 458 050	25 964	154 246	2 368 142	738 766	1 051 009
China, People's Rep.	-	-	237 476	-	-	272 216	52 300	58 302
Hong Kong	-	-	11 943	-	-	14 669	39 132	84 365
India	-725	-	3 879	-	-	69 843	105 990	106 804
Japan	591 641	567 730	5 503 047	19 260	117 796	1 188 905	221 728	266 255
Korea, Rep. of (South)	91 529	-	92 317	-	27 119	392 903	33 310	93 493
Middle East - Asia	60 562	-	318 954	1 954	-	27 257	34 551	107 649
Southeast Asia	1 401	-	59 570	4 750	-	209 134	163 863	228 520
Taiwan	2 628	94	230 278	-	9 331	187 250	83 148	97 738
Oceania	-	-	244 161	113 246	334	87 369	39 734	47 545
Australia	-	-	224 348	49 257	334	87 369	38 581	43 424
New Zealand	-	-	19 517	48 716	-	-	558	3 387
World	-3 339 644	526 452	42 316 310	27 804 350	2 044 651	9 098 746	9 016 492	11 671 854

^aThe - sign means deficit.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

II - 21B. Balance of Trade of Forest Products (Quantity)^a by Major Commodity Group and Trade Area^b, 1994

Trade area	Primary wood products		Selected wood-fabricated materials			Paper products		
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Waferboard	Wood pulp	Newsprint	Total
	m ³	t	m ³	m ²	m ³	t	t	t
United States	-4 466 213	-621 690	36 851 077	25 251 375	2 225 118	4 145 494	7 038 630	9 463 920
Central America	-339	-	6 194	22 287	26	80 135	145 309	192 336
Mexico	-	-	324	-	-	79 184	52 329	58 001
South America	-1 723	-	-3 731	-	-	21 091	468 905	506 010
Brazil	-665	-	-2 326	-	-	-13 504	225 763	230 405
Chile	-	-	-1 297	-	-	-1 873	15 570	19 641
Venezuela	-354	-	--	-	-	31 128	69 272	71 362
Africa	-765	-	875	2 880	-	30 956	42 706	55 817
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	265	-	-	-	1 989	1 989
Middle East - Africa	-	-	235	-	-	4 082	36 417	38 788
Europe	87 040	-127	1 001 392	394 096	4 203	2 718 465	743 187	849 747
European Union	87 552	-151	994 734	379 216	2 969	2 547 899	742 780	912 507
Belgium-Luxembourg	778	-	153 729	44 641	-	261 197	13 302	133 941
Denmark	-99	-	1 182	1 022	-	-	-	-97
France	56 413	-	36 897	89 666	61	302 682	62 854	44 400
Germany	62	-341	114 438	143 148	-72	826 097	63 875	64 309
Greece	24	-	150	-	-	22 238	14 932	30 408
Ireland	-	-	10 689	2 016	-	11 386	3 553	3 694
Italy	28 115	-	96 323	8 249	398	639 792	61 212	58 494
Netherlands	-	-	34 149	10 349	760	104 556	44 068	58 765
Portugal	2 465	-	-	-	-	2 507	2 571	2 566
Spain	188	152	4 002	-	5	47 933	9 839	22 130
United Kingdom	144	38	543 175	80 125	1 817	329 511	466 574	493 898
Scandinavia	-43	-	203	1 347	-	61 894	-145	-56 328
Finland	-66	-	-89	-	-	42 143	-143	-44 468
Norway	-	-	274	1 347	-	-	-	-2 193
Sweden	23	-	18	-	-	19 751	-2	-9 667
Other Europe	-127	24	6 455	13 533	1 234	108 672	552	-6 432
Former USSR	-81	-	55	-	-	-	-	14
Asia	417 412	477 037	6 174 391	29 326	139 367	3 055 252	902 449	1 274 349
China, People's Rep.	-3	123	46 231	-	117	313 413	19 390	36 521
Hong Kong	218	-	16 848	-	49	2 894	77 843	133 410
India	-134	-	3 107	-	-	86 422	109 374	109 544
Japan	335 436	476 443	5 501 177	18 126	128 552	1 584 256	264 562	311 209
Korea, Rep. of (South)	49 873	441	46 358	2 118	7 299	548 043	48 063	144 894
Middle East - Asia	28 757	-	240 976	1 013	76	26 851	54 443	117 028
Southeast Asia	331	82	19 857	8 069	-	229 506	206 680	265 171
Taiwan	2 934	-52	299 671	-	3 274	253 177	111 867	140 921
Oceania	-	76	243 597	92 712	244	69 951	44 831	53 292
Australia	-	16	228 537	27 885	211	69 951	44 790	51 184
New Zealand	-	60	14 318	51 923	33	-	-	2 012
World	-3 963 831	-144 704	44 268 400	25 793 392	2 368 973	10 120 414	9 385 783	12 394 727

^aThe - sign means deficit.

^bSee Section IX.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

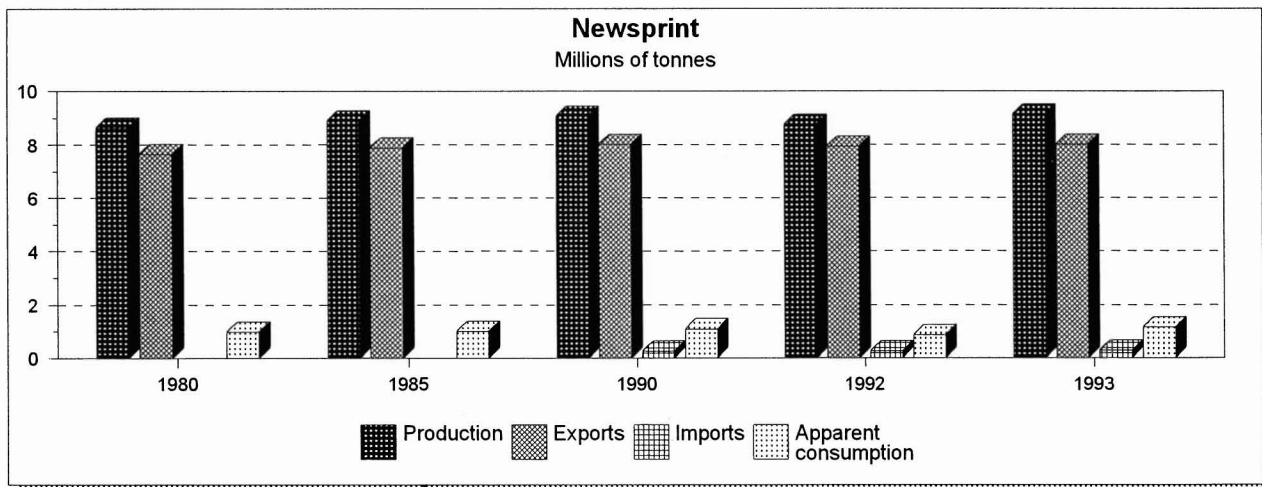
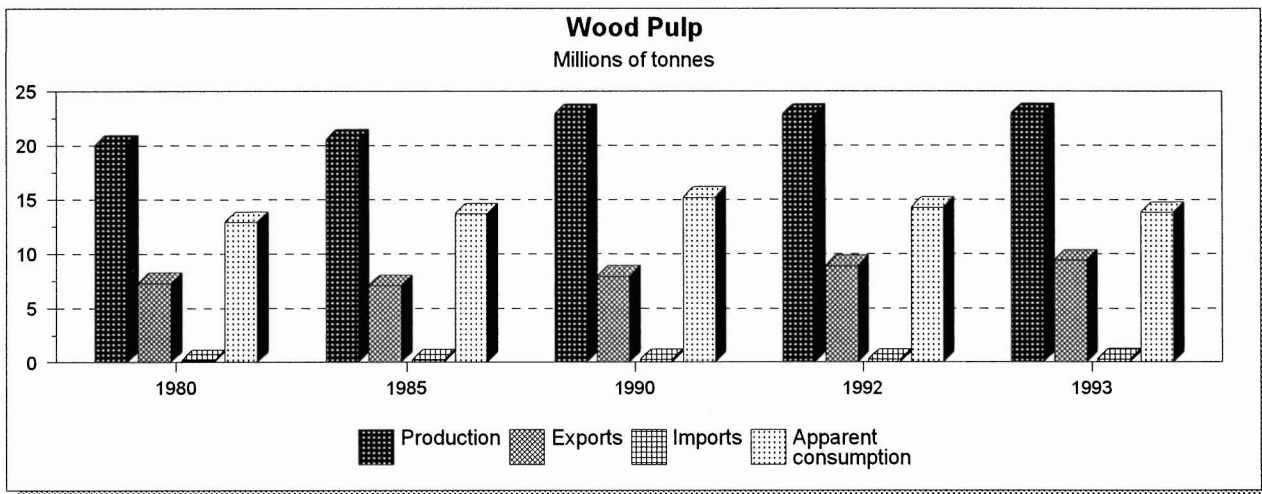
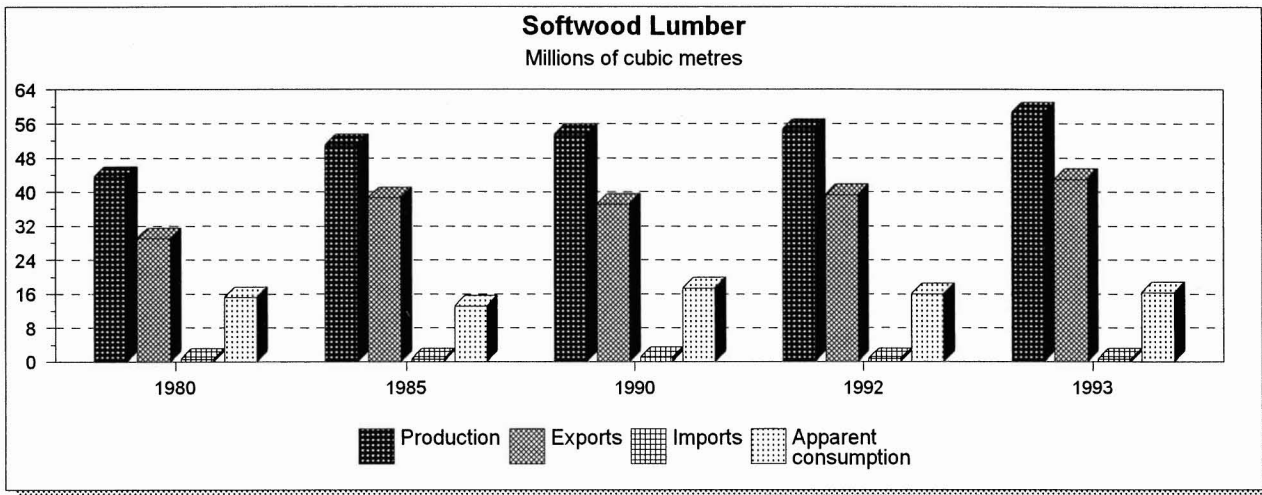


Figure 15. Production, trade and apparent domestic consumption of selected forest products, 1980-1993.

Sources: Statistics Canada, Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203 and Canadian Pulp and Paper Association.

SECTION III

PRINCIPAL STATISTICS

Attention

Attention

Attention

The **Survey of Manufactures** is an annual survey of establishments primarily engaged in manufacturing, together with associated head offices, sales offices, and auxiliary units classified to manufacturing industries according to the SIC. An establishment, usually a plant or a mill, is the smallest operating unit for which it is possible to provide a specified range of basic industrial statistics (essentially, employment data and the elements of input and output necessary to calculate value added).

In this section, 1970-1981 data have been compiled according to the **1970 version** of the *Standard Industrial Classification* (SIC), 1982 to date data according to the **1980 version**.

Major Changes Affecting 1987 and 1988 Surveys

Statistics Canada redesigned its surveys of economic production. The Annual Survey of Manufactures was included within the ambit of this major initiative. The main purpose of the redesign was to achieve greater consistency and comparability among the various economic surveys, which was addressed principally by trying to develop more equal survey coverage of the various sectors of the economy.

The objectives are to ensure that adequate attention is paid to larger establishments who are responsible for the major share of manufacturing activity and to decrease the burden on small companies by the use of short, simple questionnaires, by the use of sampling, and by the use of administrative records from Revenue Canada.

The design specifications of the new survey frame were implemented for the 1987 Annual Survey of Manufactures. This meant that not only were fewer long-form questionnaires used for the 1987 survey than had been the norm for previous years, but the change in long-form coverage for individual province-by-industry cells was often significant. The data yielded by long forms is much more complete than from other sources; thus the change in the mix of questionnaire types resulted in a one-time break between the 1987 data and that of previous years.

Principal Considerations: Logging Industry

The principal statistics for logging are on a comparable basis for 1987 and 1988. However, there is a break between the revised 1987 levels and the data previously published for 1986, due to a significant change in the methodology.

Traditionally, Statistics Canada was alerted to the existence of a new business when application was made to Revenue Canada for a payroll deduction (PD) account number. The issuance of a PD number resulted in the business being added to Statistics Canada's list and ultimately being surveyed by them.

This process was known to contain certain conceptual flaws. One of them, the existence of establishments with no employees, has a direct bearing on the logging industry.

Under the new methodology, the information is drawn from Revenue Canada's records. This information (some of it based on sampling), coupled with survey results for large establishments, serves as the basis for the industry estimates. Revenue Canada's data are more complete and significantly reduce response burden. As a direct result of the improved ability to obtain data for small, unincorporated businesses, the number of establishments and the employment data changed considerably. Since the improvement came at the small end of the scale, there was less of an impact on shipments and costs.

The wood industries and the paper and allied industries were not affected by these changes.

Data Availability 1987-1988

Reduction in the resources available for processing the 1987 survey meant that only principal statistics were published.

The more comprehensive array of variables reappeared with the 1988 data.

Detailed definitions of all industries covered by this section can be found in the publication "Standard Industrial Classification, 1980," Catalogue 12-501.

The **headings** used in the principal statistics tables are **briefly described** in section IX.A, "User's guide - Definition of terms." For detailed definitions and some qualifications to the preceding explanations, see "Concepts and Definitions of the Census of Manufactures," Catalogue 31-528.

Standard Industrial Classification

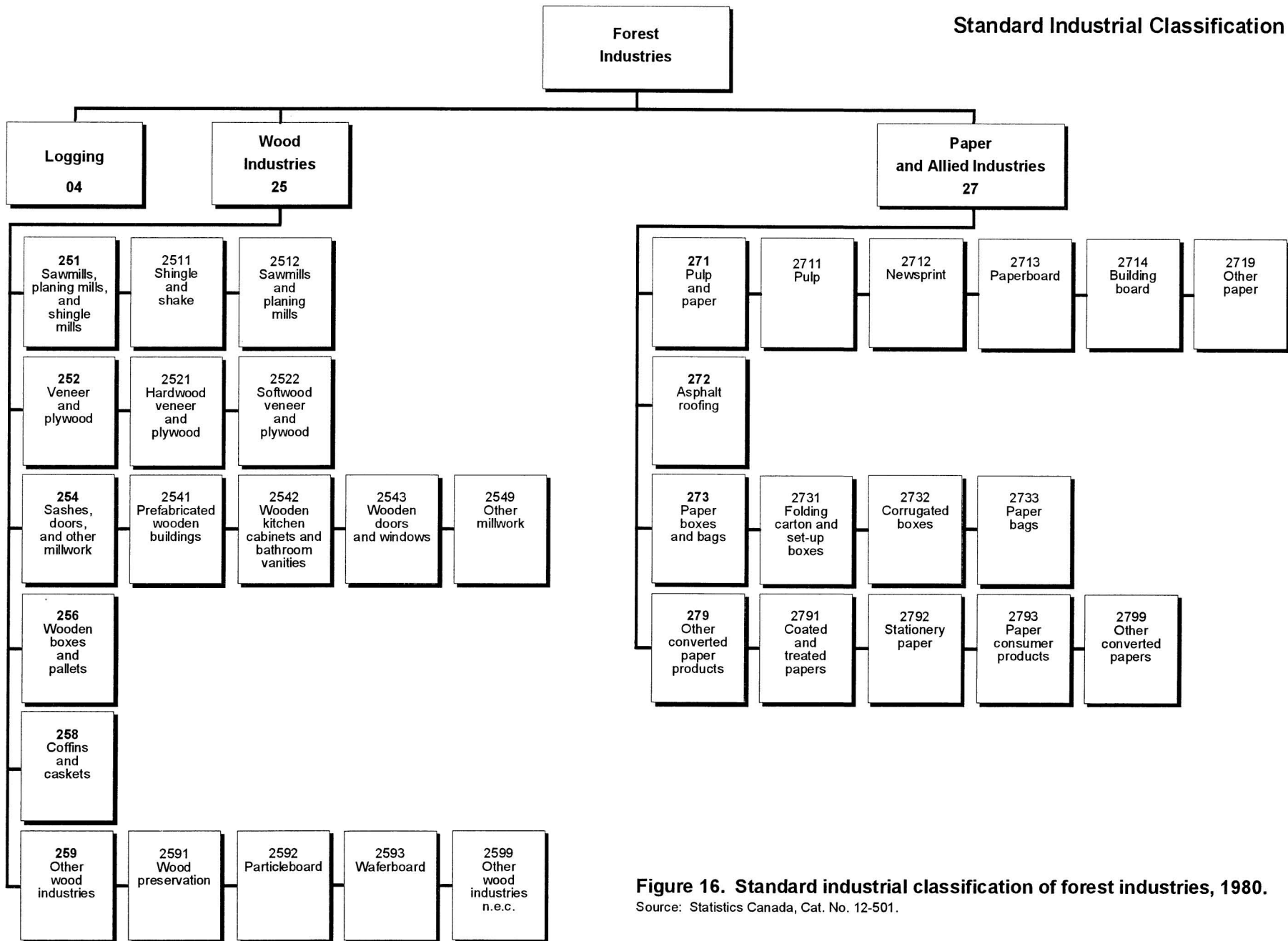


Figure 16. Standard industrial classification of forest industries, 1980.

Source: Statistics Canada, Cat. No. 12-501.

III - 1. Forest Industries by Sector, 1993p

Sector	Manufacturing activity								Total activity			
	Estab- lishments	Number	Production and related workers					Total employees ^a		Number	Salaries and wages	Total value added
			Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	\$000 000			
Logging	8 586	38 557	79 444	1 530	303	5 104	9 031	3 605	41 850	1 701	3 908	
Wood industries	2 894	92 000	190 197	2 943	454	10 526	19 083	8 269	109 961	3 705	8 343	
Paper and allied industries	664	77 590	164 813	3 309	2 179	11 030	21 233	7 965	101 926	4 620	8 081	
Total forest industries (A)	12 144	208 147	434 454	7 782	2 936	26 660	49 347	19 839	253 737	10 026	20 332	
Total manufacturing industries	32 943	1 219 940	2 555 795	39 407	8 604	177 673	309 675	124 145	1 647 452	58 979	133 779	
Logging and manufacturing industries (B)	41 529	1 258 497	2 635 239	40 937	8 907	182 777	318 706	127 750	1 689 302	60 680	137 687	
Percentage A from B	29.2	16.5	16.5	19.0	33.0	14.6	15.5	15.5	15.0	16.5	14.8	

^aExcluding working owners and partners in the forest sector.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

III - 2. Wood Industries, 1993p

Sector	S.I.C. ^b	Estab- lishments	Manufacturing activity							Total activity		
			Production and related workers							Total employees ^a		
			Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
	1 000											
Sawmill, planing mill, and shingle mill products	251	876	50 708	104 016	1 822	297	7 137	12 531	5 241	58 045	2 177	5 220
Shingle and shake industry	2 511	70	1 854	3 789	58	5	193	284	88	1 954	63	89
Sawmills and planing mills	2 512	806	48 854	100 227	1 764	292	6 944	12 247	5 153	56 091	2 114	5 131
Veneer and plywood industry	252	67	7 160	14 855	244	38	641	1 255	585	8 099	289	598
Sash, door, and other millwork	254	1 475	25 031	52 053	617	59	1 773	3 255	1 439	32 545	884	1 513
Prefabricated wooden building industry	2 541	88	1 926	3 943	49	6	184	341	153	2 552	73	185
Wooden kitchen cabinet, bathroom vanity industry	2 542	693	7 745	16 172	190	16	388	862	460	9 977	266	459
Wooden door and window ind.	2 543	326	7 936	16 444	196	17	619	1 067	435	10 842	299	460
Other millwork industries	2 549	368	7 424	15 494	182	20	582	985	391	9 174	246	409
Wooden box and pallet industry	256	162	1 986	4 239	44	5	138	244	100	2 390	58	101
Coffin and casket industry	258	26	614	1 256	15	1	23	55	31	725	18	32
Other wood industries	259	288	6 501	13 773	203	55	815	1 743	873	8 157	278	879
Wood preservation	2 591	57	964	2 063	29	6	260	371	106	1 201	41	111
Particleboard	2 592	24	1 471	3 119	51	21	185	423	213	1 867	70	211
Waferboard	2 593	12	1 539	3 463	66	21	219	669	429	2 092	93	427
Other wood industries	2 599	195	2 527	5 128	57	7	151	280	125	2 997	74	130
Wood industries	25	2 894	92 000	190 197	2 943	454	10 526	19 083	8 269	109 961	3 705	8 343

^aExcluding working owners and partners.

^b1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

III - 3. Paper and Allied Industries, 1993p

Sector	S.I.C. ^b	Estab- lishments	Manufacturing activity							Total activity		
			Production and related workers							Total employees ^a		
			Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
Pulp and paper industries	271	158	51 553	110 404	2 475	2 084	7 831	15 631	5 667	68 053	3 430	5 675
Pulp industry	2 711	42	13 236	28 924	672	465	2 732	4 493	1 216	17 599	936	1 196
Newsprint industry	2 712	42	22 599	47 485	1 110	1 160	2 839	6 545	2 567	30 264	1 553	2 611
Paperboard industry	2 713	32	5 147	11 447	237	212	691	1 530	609	6 681	317	597
Building board industry	2 714	7	761	1 523	26	19	53	159	89	948	35	90
Other paper industries	2 719	35	9 810	21 025	430	228	1 516	2 904	1 186	12 561	589	1 181
Asphalt roofing industry	272	13	996	2 019	32	11	179	381	186	1 223	42	190
Paper box and bag industries	273	249	14 055	29 558	470	46	1 679	2 824	1 099	18 107	653	1 121
Folding carton and set-up box industry	2 731	99	5 285	11 405	174	13	527	990	449	6 472	230	471
Corrugated box industry	2 732	126	7 632	15 817	260	29	1 000	1 583	555	10 010	365	554
Paper bag industry	2 733	24	1 138	2 336	36	4	152	251	95	1 625	58	96
Other converted paper products industries	279	244	10 986	22 827	331	40	1 340	2 397	1 013	14 543	498	1 096
Coated and treated paper	2 791	52	2 920	6 099	81	11	407	675	270	3 851	123	285
Stationery paper products	2 792	60	2 311	4 868	69	5	199	382	175	3 153	107	198
Paper consumer products	2 793	18	2 026	4 083	75	8	355	628	254	2 811	116	284
Other converted paper products	2 799	114	3 729	7 777	106	16	379	712	314	4 728	152	329
Paper and allied industries	27	664	77 590	164 813	3 309	2 179	11 030	21 233	7 965	101 926	4 620	8 081

^aExcluding working owners and partners.

^b1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

III - 4. Forest Industries Summary^a, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^b		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
1965	7 363	216 375	475 944	1 046	215	2 855	5 555	2 530	262 469	1 349	2 581
1970	6 613	210 714	453 298	1 475	279	3 782	7 264	3 224	261 139	1 942	3 313
1971	6 242	208 625	445 902	1 592	318	4 006	7 731	3 433	258 839	2 090	3 519
1972	6 533	219 284	467 590	1 810	347	4 628	9 091	4 090	271 010	2 364	4 213
1973	6 840	237 514	500 889	2 155	398	5 844	11 431	5 387	292 324	2 793	5 562
1974	7 010	239 726	505 789	2 511	570	6 947	14 033	6 772	297 386	3 281	6 937
1975	6 330	222 915	446 718	2 489	562	6 574	13 110	6 151	278 681	3 336	6 286
1976	5 679	230 527	475 417	3 118	748	8 191	15 961	7 281	286 263	4 064	7 428
1977	5 320	229 348	471 405	3 455	901	8 912	17 888	8 130	282 568	4 482	8 234
1978	5 906	243 312	503 793	3 944	1 077	10 491	21 109	9 610	299 540	5 076	9 762
1979	6 784	249 993	517 679	4 416	1 244	12 964	25 317	11 520	307 580	5 680	11 830
1980	7 368	243 736	503 124	4 750	1 411	14 247	27 459	12 062	301 987	6 180	12 285
1981	7 428	233 790	473 013	5 011	1 703	14 841	28 601	12 180	291 996	6 624	12 295
1982	7 100	201 420	399 323	4 667	1 886	13 252	25 424	10 147	254 875	6 315	10 234
1983	7 633	211 645	431 978	5 355	2 109	15 370	29 326	11 976	262 216	6 987	12 085
1984	7 933	219 800	446 869	5 680	2 375	16 950	32 809	13 684	266 762	7 381	13 734
1985	7 903	218 198	450 073	6 003	2 419	17 935	34 659	14 346	267 709	7 779	14 399
1986	8 276	224 630	457 432	6 313	2 270	19 272	38 276	16 668	273 789	8 172	16 737
1987	15 068	..	..	..	2 362	23 604	45 133 ^c	..	289 382	9 021	20 847
1988	14 944	240 308	504 995	7 457	2 426	24 746	49 045	22 072	292 153	9 619	22 140
1989	14 744	241 934	509 194	7 836	2 570	26 094	50 388	21 976	292 900	10 103	22 065
1990	12 587	224 942	466 093	7 606	2 698	25 051	46 946	19 299	274 452	9 894	19 363
1991	11 869	204 557	424 103	7 253	2 783	23 144	41 871	15 839	250 714	9 428	15 949
1992	12 400	205 209	427 039	7 470	2 812	24 376	44 244	17 072	250 155	9 645	17 137
1993p	12 144	208 147	434 454	7 782	2 936	26 660	49 347	19 839	253 737	10 026	20 332

^aLogging, wood industries, and paper and allied industries.

^bExcluding working owners and partners.

^cWith the exception of "logging", the value of manufacturing shipments was estimated by the Canadian Forest Service.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

Value of Shipments
Billions of dollars

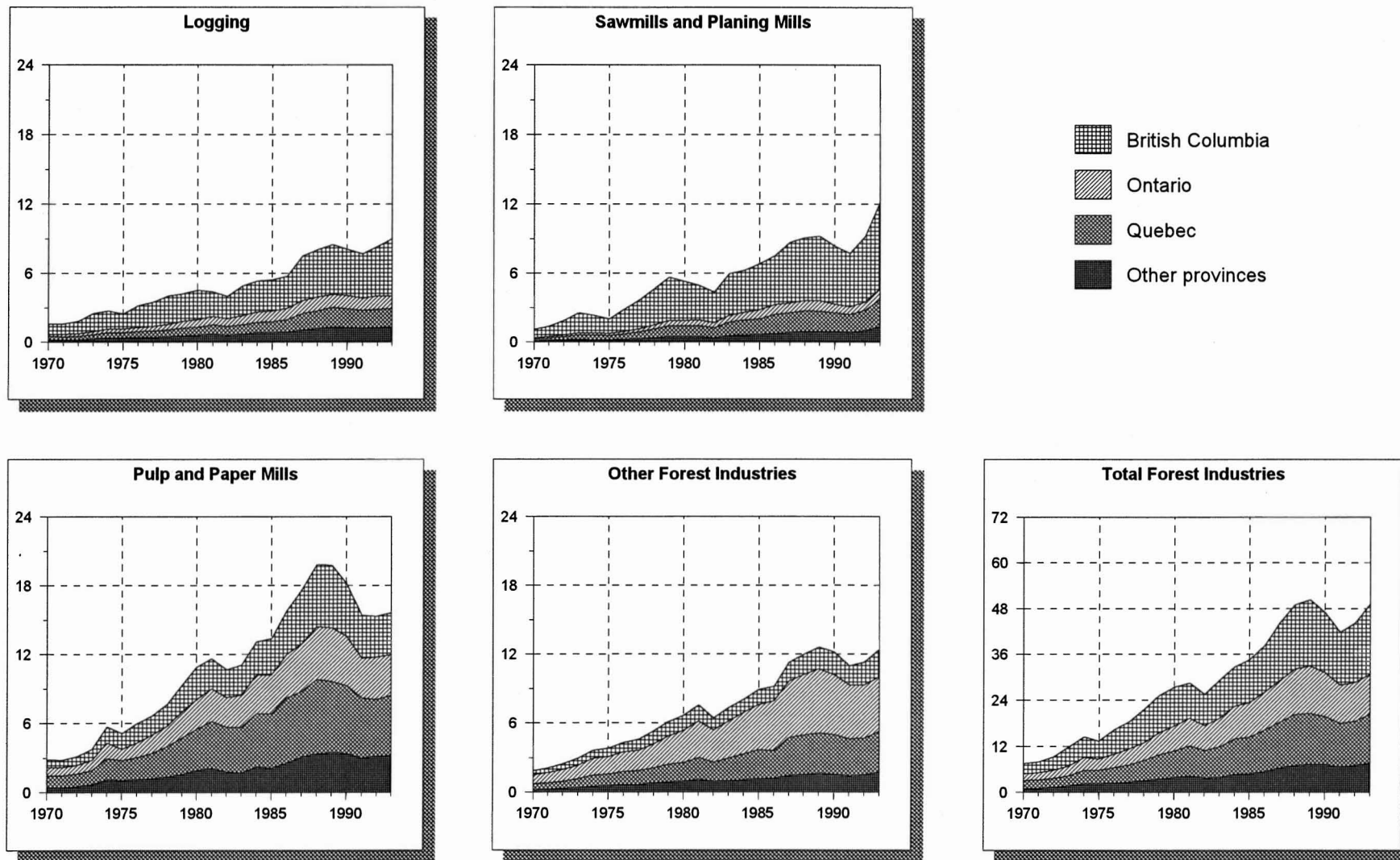


Figure 17. Value of shipments of goods of own manufacture in the forest industries by sector and region, 1970-1993.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

III - 5. Forest Industries Summary by Province, 1993p

Province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees ^a		Total value added	
		Number	Person-hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number		Salaries and wages \$000 000
Nfld.	121	2 394	5 081	95	55	245	538	233	2 879	120	234
P.E.I.	34	408	870	8	1	20	33	13	439	9	14
N.S.	422	4 475	9 415	143	90	437	855	325	5 467	192	326
N.B.	852	9 399	20 111	335	226	1 387	2 347	729	11 456	437	726
Atlantic provinces	1 429	16 676	35 477	581	372	2 089	3 773	1 310	20 241	758	1300
Que.	3 347	57 049	117 307	1 953	982	6 420	12 717	5 337	72 205	2 619	5 343
Ont.	2 429	50 432	108 583	1 769	580	5 596	10 445	4 246	62 607	2 365	4 346
Man.	230	3 560	7 553	107	31	317	595	257	4 361	140	259
Sask.	208	2 503	5 424	105	45	325	580	210	2 912	123	210
Alta.	516	10 952	23 321	403	115	1 314	2 691	1 248	13 012	496	1 270
Prairies	954	17 015	36 298	615	191	1 956	3 866	1 715	20 285	759	1 739
B.C.	3 970	66 963	136 761	2 868	810	10 598	18 543	7 242	78 387	3 524	7 608
Yukon and N.W.T.	13	12	21	--	--	--	1	1	12	--	1
Total	12 144	208 147	434 454	7 782	2 936	26 660	49 347	19 839	253 737	10 026	20 332

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

III - 6. Logging by Province, 1993p

Province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers			Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total employees*	
		Number	Person- hours paid 1 000							Number	Salaries and wages \$000 000
Nfld.	82	803	1 714	28	4	69	141	64	906	34	65
P.E.I.	18	72	177	2	--	1	4	3	74	2	3
N.S.	336	1 086	2 299	30	4	125	206	77	1 220	36	77
N.B.	698	1 731	3 816	55	14	301	461	146	2 057	67	146
Atlantic provinces	1 134	3 692	8 006	115	22	496	812	290	4 257	139	291
Que.	2 039	9 541	19 428	317	65	801	1 580	675	10 298	352	676
Ont.	1 483	4 969	11 181	205	47	655	1 155	446	5 550	234	450
Man.	146	279	630	11	2	48	76	27	342	14	27
Sask.	155	397	933	16	5	74	112	34	435	18	35
Alta	317	1 884	4 085	76	13	182	317	118	1 977	81	122
Prairies	618	2 560	3 648	103	20	304	505	179	2 754	113	184
B.C.	3 297	17 783	35 161	791	149	2 848	4 976	2 014	18 979	862	2 307
Yukon and NWT	13	12	21	--	--	--	1	1	12	--	1
Total	8 586	38 557	79 444	1 530	303	5 104	9 031	3 605	41 850	1 701	3 908

*Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

III - 7 Wood Industries by Province, 1993p

Province or territory	Manufacturing activity								Total activity			
	Estab- lishments	Production and related workers								Total employees ^a		
		Number	Person-hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added	
Nfld.	33	387	766	8	1	18	38	18	464	11	21	
P.E.I.	13	303	631	5	1	16	23	7	328	6	7	
N.S.	74	1 197	2 542	24	5	85	146	56	1 369	31	58	
N.B.	131	3 813	7 856	90	20	315	576	241	4 350	110	241	
Atlantic provinces	251	5 700	11 795	127	27	434	783	322	6 511	158	327	
Que.	1 102	22 434	45 427	585	107	2 225	4 156	1 860	28 223	771	1 872	
Ont.	657	18 195	38 531	503	76	1 489	2 700	1 154	21 985	671	1 185	
Man.	63	1 996	4 193	46	5	135	255	116	2 402	61	117	
Sask.	47	1 054	2 186	34	5	77	179	98	1 279	42	100	
Alta.	167	6 343	13 421	203	30	619	1 371	730	7 622	259	768	
Prairies	277	9 393	19 800	283	40	831	1 805	944	11 303	362	985	
B.C.	607	36 278	74 640	1 446	203	5 548	9 640	3 991	41 939	1 743	3 977	
Yukon and NWT	-	-	-	-	-	-	-	-	-	-	-	
Total	2 894	92 000	190 197	2 943	454	10 526	19 083	8 269	109 961	3 705	8 343	

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

III - 8. Paper and Allied Industries by Province, 1993p

Province or territory	Estab- lishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added \$000 000	Number	Salaries and wages \$000 000	Total value added \$000 000
Nfld.	6	1 204	2 601	59	50	158	359	151	1 509	75	148
P.E.I.	3	33	62	1	--	3	6	3	37	1	4
N.S.	12	2 192	4 574	89	81	227	503	192	2 878	125	191
N.B.	23	3 855	8 439	190	192	771	1 310	342	5 049	260	339
Atlantic provinces	44	7 284	15 676	339	323	1 159	2 178	688	9 473	461	682
Que.	206	25 074	52 452	1 051	810	3 394	6 981	2 802	33 684	1 496	2 795
Ont.	289	27 268	58 871	1 061	457	3 452	6 590	2 646	35 072	1 460	2 711
Man.	21	1 285	2 730	50	24	134	264	114	1 617	65	115
Sask.	6	1 052	2 305	55	35	174	289	78	1 198	63	75
Alta.	32	2 725	5 815	124	72	513	1 003	400	3 413	156	380
Prairies	59	5 062	10 850	229	131	821	1 556	592	6 228	284	570
B.C.	66	12 902	26 960	631	458	2 202	3 927	1 237	17 469	919	1 324
Yukon and NWT	-	-	-	-	-	-	-	-	-	-	-
Total	664	77 590	164 813	3 309	2 179	11 030	21 233	7 965	101 926	4 620	8 081

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

Total Value Added
Billions of dollars

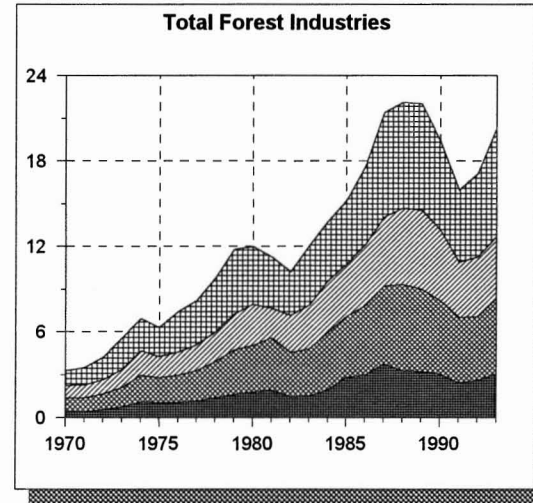
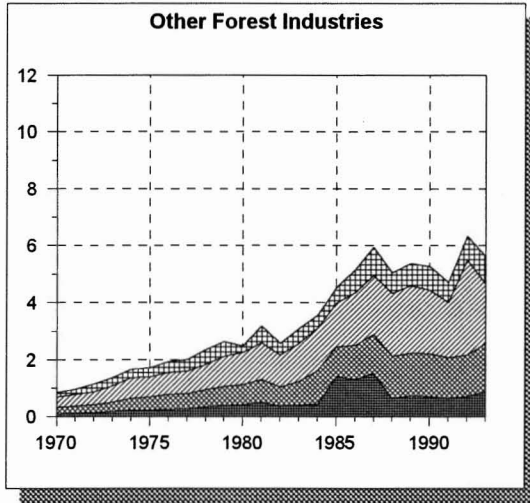
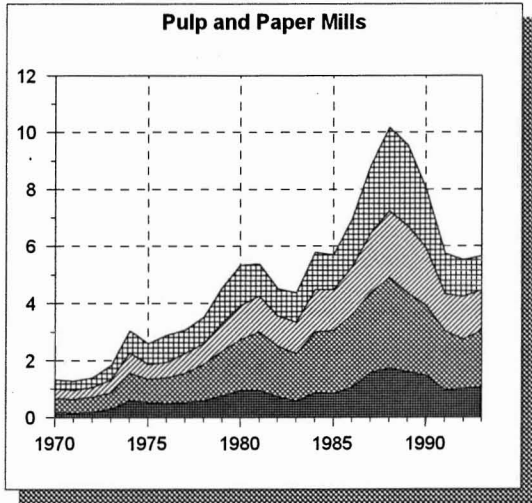
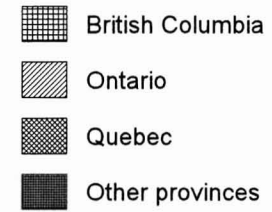
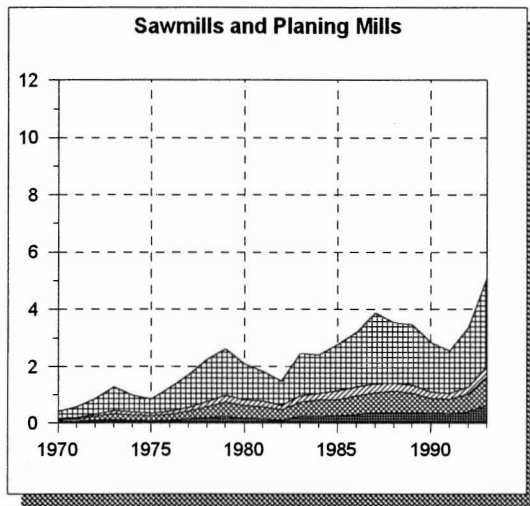
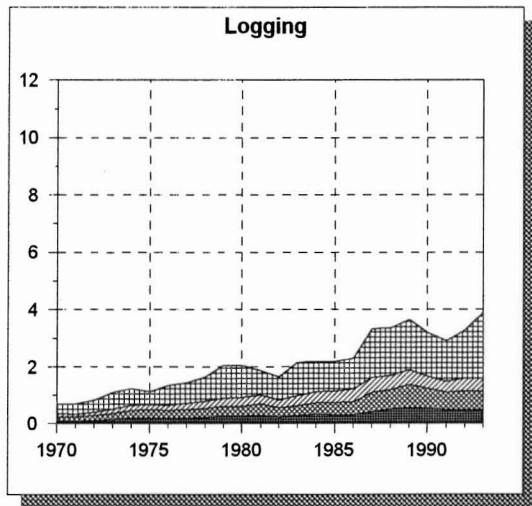


Figure 18. Total value added in the forest industries by sector and region, 1970-1993.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

III - 9. Industrial Roundwood Production and Value Added by the Forest Industry, 1970-1993

Year	Value added, manufacturing activity							Value added, total activity						
	Industrial roundwood production	Wood industries			Paper and allied industries			Total forest industries	Wood industries			Paper and allied industries		
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Logging		Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries	
	1 000 m ³	-----						\$000 000	-----					
1970	117 492r	683	436	790	1 323	1 781	3 254	694	439	802	1 331	1 817	3 313	
1975	111 727r	1 098	849	1 655	2 569	3 398	6 151	1 126	851	1 690	2 601	3 470	6 286	
1980	150 784r	1 927	2 085	3 398	5 350	6 737	12 062	2 049	2 089	3 466	5 355	6 770	12 285	
1981	139 176r	1 857	1 828	3 379	5 406	6 944	12 180	1 883	1 827	3 447	5 401	6 965	12 295	
1982	121 451r	1 616	1 489	2 662	4 535	5 869	10 147	1 650	1 494	2 708	4 515	5 876	10 234	
1983	149 675r	2 105	2 455	3 942	4 410	5 929	11 976	2 152	2 463	3 993	4 380	5 940	12 085	
1984	161 162r	2 172	2 410	4 006	5 845	7 506	13 684	2 191	2 410	4 051	5 802	7 492	13 734	
1985	162 014r	2 167	2 777	4 624	5 773	7 555	14 346	2 187	2 786	4 688	5 720	7 524	14 399	
1986	170 288r	2 260	3 209	5 473	7 020	8 935	16 668	2 297	3 216	5 523	6 974	8 917	16 737	
1987	185 056r	3 286	..	..	..	..	..	3 340	3 888	6 548	8 852	10 959	20 847
1988	184 327r	3 354	3 532	6 184	10 285	12 534	22 072	3 378	3 536	6 277	10 182	12 485	22 140	
1989	182 104r	3 631	3 465	6 360	9 634	11 985	21 976	3 657	3 466	6 449	9 550	11 959	22 065	
1990	156 528r	3 177	2 853	5 648	8 122	10 474	19 299	3 197	2 843	5 728	8 039	10 438	19 363	
1991	154 616r	2 897	2 570	4 899	5 809	8 042	15 839	2 914	2 560	4 979	5 766	8 056	15 949	
1992	163 811e	3 237	3 363	5 982	5 637	7 853	17 072	3 272	3 358	6 058	5 532	7 807	17 137	
1993p	169 256e	3 605	5 153	8 269	5 667	7 965	19 839	3 908	5 131	8 343	5 675	8 081	20 332	

Sources: Statistics Canada Cat. No. 25-201, 25-202, and 31-203. *Compendium of Canadian Forestry Statistics 1994*, National Forestry Database.

III - 10. Industrial Roundwood Production and Value Added by the Forest Industry by Province, 1993p

Province or territory	Value added, manufacturing activity							Value added, total activity								
	Industrial roundwood production	Wood industries			Paper and allied industries			Total forest industries	Logging	Wood industries			Paper and allied industries			Total forest industries
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Sawmills, planing mills			Total	Pulp and paper industries	Total				
	1 000 m ³	-----\$000 000-----						%	----- \$000 000-----						%	
Nfld.	2 167e	64	8	18	x	151	233	1.2	65	8	21	x	148	234	1.2	
P.E.I.	244e	3	5	7	x	3	13	0.1	3	5	7	x	4	14	0.1	
N.S.	4 220	77	39	56	x	192	325	1.6	77	40	58	x	191	326	1.6	
N.B.	8 827	146	148	241	x	342	729	3.7	146	147	241	x	339	726	3.6	
Atlantic provinces	15 458e	290	200	322	x	688	1 300	6.6	291	200	327	x	682	1 300	6.4	
Que.	32 319e	675	996	1 860	2 026	2 802	5 337	26.9	676	988	1 872	1 997	2 795	5 343	26.3	
Ont.	23 155e	446	364	1 154	1 463	2 646	4 246	21.4	450	368	1 185	1 444	2 711	4 346	21.4	
Man.	1 455	27	28	116	x	114	257	1.3	27	28	117	x	115	259	1.3	
Sask.	4 359	34	42	98	x	78	210	1.1	35	41	100	x	75	210	1.0	
Alta.	14 180	118	389	730	x	400	1 248	6.3	122	387	768	x	380	1 270	6.2	
Prairies	19 994	179	459	944	x	592	1 715	8.6	184		985	x	570	1 739	8.6	
B.C.	78 004	2 014	3 135	3 991	x	1 237	7 242	36.5	2 307	3 119	3 977	x	1 324	7 608	37.4	
Yukon and N.W.T.	326	1	-	-	-	-	1	--	1	-	-	-	-	1	--	
Total	169 256e	3 605	5 153	8 269	5 667	7 965	19 839	100.0	3 908	5 131	8 343	5 675	8 081	20 332	100.0	

Sources: Statistics Canada Cat. No. 25-201, 25-202, and 31-203. *Compendium of Canadian Forestry Statistics 1994*, National Forestry Database.

III - 11. Major Wood Industries - Selected Provinces, 1993p

Activity/ province or territory	Manufacturing activity							Total activity			
			Production and related workers					Total employees ^a			
	Estab- lishments	Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
A. Sawmill, planing mill, and shingle mill industries (S.I.C. 251)											
N.S.	45	951	2 036	19	4	54	97	39	1 027	22	40
Que.	263	10 432	20 598	299	66	1 312	2 354	1 003	12 485	369	995
Ont.	118	5 625	11 783	170	32	579	956	364	6 186	197	368
Man.	10	323	692	10	1	36	64	28	354	12	28
Sask.	7	367	746	14	2	31	74	42	398	15	41
B.C.	315	26 755	55 172	1 126	161	4 551	7 832	3 211	30 750	1 350	3 196
Others	118	6 255	12 989	184	31	574	1 154	554	6 845	212	552
Total	876	50 708	104 016	1 822	297	7 137	12 531	5 241	58 045	2 177	5 220
B. Shingle and shake industry (S.I.C. 2511)											
Que.	10	181	357	4	--	5	12	7	193	4	7
B.C.	55	1 566	3 220	51	4	183	263	76	1 645	56	77
Others	5	107	212	3	--	5	9	5	116	3	5
Total	70	1 854	3 789	58	5	193	284	88	1 954	63	89
C. Sawmill and planing mill products industry (S.I.C. 2512)											
Nfld.	14	201	376	4	1	7	15	8	216	5	8
P.E.I.	6	249	523	4	1	13	19	5	255	5	5
N.S.	45	951	2 036	19	4	54	97	39	1 027	22	40
N.B.	55	2 535	5 242	60	12	209	369	148	2 785	70	147
Atlantic provinces	120	3 936	8 177	87	18	283	500	200	4 283	102	200
Que.	253	10 251	20 241	295	66	1 307	2 342	996	12 292	365	988
Ont.	118	5 625	11 783	170	32	579	956	364	6 186	197	368
Man.	10	323	692	10	1	36	64	28	354	12	28
Sask.	7	367	746	14	2	31	74	42	398	15	41
Alta.	38	3 163	6 632	114	17	342	744	389	3 473	130	387
Prairies	55	3 853	8 070	138	20	409	882	459	4 225	157	456
B.C.	260	25 189	51 952	1 075	157	4 368	7 569	3 135	29 105	1 294	3 119
Yukon and NWT	-	-	-	-	-	-	-	-	-	-	-
Total	806	48 854	100 227	1 764	292	6 944	12 247	5 153	56 091	2 114	5 131

III - 11. Major Wood Industries - Selected Provinces, 1993p (continued)

Activity/ province or territory	Manufacturing activity								Total activity		
	Production and related workers								Total employees ^a		
	Estab- lishments	Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
D. Veneer and plywood industries (S.I.C. 252)											
Ont.	17	1 646	3 494	46	6	112	211	92	1 879	58	101
B.C.	20	3 595	7 320	147	24	400	777	357	3 926	165	354
Others	30	1 919	4 041	51	8	129	267	136	2 294	66	143
Total	67	7 160	14 855	244	38	641	1 255	585	8 099	289	598
E. Sash, door, and other millwork industries (S.I.C. 254)											
Que.	664	7 711	15 682	177	21	537	1 012	463	10 494	256	475
Ont.	358	8 036	17 088	206	17	508	961	439	10 245	298	455
Alta.	93	2 015	4 320	50	5	150	298	145	2 710	76	183
B.C.	204	4 540	9 304	126	10	414	678	256	5 568	169	258
Others	156	2 729	5 659	58	6	164	306	139	3 528	85	142
Total	1 475	25 031	52 053	617	59	1 773	3 255	1 439	32 545	884	1 513
F. Prefabricated wooden building industry (S.I.C. 2541)											
Que.	41	505	983	12	2	59	100	40	751	19	42
Ont.	19	660	1 415	18	2	57	105	46	803	24	46
Alta.	3	274	577	7	1	21	55	34	372	11	64
B.C.	17	443	886	12	1	41	72	31	559	17	30
Others	8	44	82	--	--	6	9	2	67	2	3
Total	88	1 926	3 943	49	6	184	341	153	2 552	73	185

III - 11. Major Wood Industries - Selected Provinces, 1993p (continued)

Activity/ province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees ^a			
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added \$000 000	Number	Salaries and wages \$000 000	Total value added \$000 000
G. Wooden kitchen cabinet and bathroom vanity industries (S.I.C. 2542)											
Nfld.	9	91	189	2	--	4	11	6	126	3	6
N.B.	16	197	404	4	--	10	20	9	253	6	10
Que.	355	2 345	4 770	53	6	123	263	135	3 263	77	136
Ont.	152	2 601	5 549	68	5	133	298	160	3 257	96	159
Man.	21	497	1 023	12	2	22	54	30	581	15	29
Sask.	12	83	171	2	--	4	8	4	102	2	4
Alta.	37	395	820	10	1	18	39	20	515	14	20
B.C.	85	1 505	3 177	40	2	71	167	94	1 835	52	93
Others	6	31	69	--	--	3	2	2	45	1	2
Total	693	7 745	16 172	190	16	388	862	460	9 977	266	459
H. Wooden door and window industry (S.I.C. 2543)											
N.S.	5	71	146	1	--	5	9	4	123	3	5
N.B.	18	328	637	8	1	18	36	17	419	11	17
Que.	155	2 739	5 619	66	7	204	378	169	3 839	98	174
Ont.	68	2 262	4 754	59	4	149	270	118	3 136	95	131
Man.	7	728	1 547	15	1	42	80	36	887	20	36
Alta.	19	575	1 194	13	1	49	84	35	793	22	37
B.C.	48	1 145	2 363	32	3	146	202	54	1 483	47	57
Others	6	88	184	2	--	6	8	2	162	3	3
Total	326	7 936	16 444	196	17	619	1 067	435	10 842	299	460
I. Other millwork industries (S.I.C. 2549)											
N.B.	15	138	276	3	1	10	17	6	177	4	7
Que.	113	2 122	4 310	46	6	151	271	119	2 641	62	123
Ont.	119	2 513	5 370	61	6	169	288	115	3 049	83	119
Man.	9	226	483	6	1	18	28	10	311	9	12
Sask.	11	119	261	3	--	9	12	4	161	4	5
Alta.	34	771	1 729	20	2	62	120	56	1 030	29	62
B.C.	54	1 447	2 878	42	4	156	237	77	1 691	53	78
Others	13	88	187	1	--	7	12	4	114	2	3
Total	368	7 424	15 494	182	20	582	985	391	9 174	246	409

III - 11. Major Wood Industries - Selected Provinces, 1993p (concluded)

Activity/ province or territory	Manufacturing activity								Total activity		
	Production and related workers		Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Total employees ^a		
	Estab- lishments	Number							Number	Salaries and wages \$000 000	Total value added
J. Wooden box and pallet industry (S.I.C. 256)											
N.S.	5	53	110	1	--	2	4	2	61	1	2
N.B.	10	59	126	1	--	2	4	2	64	1	2
Ont.	67	970	2 107	23	2	73	131	55	1 173	31	55
Man.	4	43	88	1	--	2	4	2	68	2	2
Alta.	9	93	192	2	--	8	12	4	108	2	4
B.C.	5	111	235	3	--	9	16	7	140	5	7
Others	62	657	1 381	13	--	42	73	28	776	16	29
Total	162	1 986	4 239	44	5	138	244	100	2 390	58	101
K. Coffin and casket industry (S.I.C. 258)											
Que.	15	428	893	10	1	17	40	22	497	13	22
Others	11	186	363	5	--	6	15	9	228	5	10
Total	26	614	1 256	15	1	23	55	31	725	18	32
L. Other wood industries (S.I.C. 259)											
Que.	75	1 805	3 802	53	14	217	495	259	2 289	74	258
Others	213	4 696	9 971	150	41	598	1 248	614	5 868	204	621
Total	288	6 501	13 773	203	55	815	1 743	873	8 157	278	879

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 31-203.

III - 12. Major Paper and Allied Industries - Selected Provinces, 1993p

Activity/ province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees ^a		Salaries and wages	Total value added
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added \$000 000	Number			$000 000
A. Pulp and paper industries (S.I.C. 271)											
Que.	64	17 585	36 980	817	781	2 442	5 227	2 026	23 455	1 145	1 997
Ont.	34	12 598	28 003	592	407	1 675	3 570	1 463	16 420	802	1 444
B.C.	28	11 473	24 000	575	454	2 031	3 632	1 119	15 705	847	1 203
Others	32	9 897	21 421	491	442	1 683	3 202	1 059	12 473	636	1 031
Total	158	51 553	110 404	2 475	2 084	7 831	15 631	5 667	68 053	3 430	5 675
B. Pulp industry (S.I.C. 2711)											
N.B.	5	1 685	3 756	85	71	332	502	85	2 252	119	82
Que.	8	1 539	3 366	76	67	397	660	193	2 179	118	184
Ont.	4	1 549	3 583	76	48	284	493	148	2 220	118	153
B.C.	17	5 620	12 137	287	197	1 183	1 881	471	7 617	418	480
Others	8	2 843	6 082	148	82	536	957	319	3 331	173	297
Total	42	13 236	28 924	672	465	2 732	4 493	1 216	17 599	936	1 196
C. Newsprint industry (S.I.C. 2712)											
Que.	20	10 021	20 689	481	537	1 181	2 789	1 108	13 194	658	1 103
Ont.	8	5 205	11 474	260	199	616	1 444	623	7 053	365	607
Others	14	7 373	15 322	369	424	1 042	2 312	836	10 017	530	901
Total	42	22 599	47 485	1 110	1 160	2 839	6 545	2 567	30 264	1 553	2 611
D. Paperboard industry (S.I.C. 2713)											
Que.	14	2 058	4 662	98	83	321	658	242	2 884	138	230
Ont.	11	1 818	4 064	76	75	201	502	223	2 118	93	219
Others	7	1 271	2 721	63	54	169	370	144	1 679	86	148
Total	32	5 147	11 447	237	212	691	1 530	609	6 681	317	597

III - 12. Major Paper and Allied Industries - Selected Provinces, 1993p (continued)

Activity/ province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers			Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total employees ^a	
		Number	Person- hours paid 1 000							Number	Salaries and wages \$000 000	Total value added
E. Asphalt roofing industry (S.I.C. 272)											
Ont.	6	453	913	13	3	87	185	94	526	15	97
Alta.	3	235	465	8	3	48	92	35	293	10	35
Others	4	308	641	11	5	44	104	57	404	17	58
Total	13	996	2 019	32	11	179	381	186	1 223	42	190
F. Paper box and bag industries (S.I.C. 273)											
Que.	67	3 961	8 205	129	14	482	832	338	5 413	192	343
Ont.	132	7 533	15 949	249	24	881	1 461	558	9 517	342	574
B.C.	15	1 086	2 264	43	3	116	203	84	1 267	54	84
Others	35	1 475	3 140	49	5	200	328	119	1 910	65	120
Total	249	14 055	29 558	470	46	1 679	2 824	1 099	18 107	653	1 121
G. Folding carton and set-up box industry (S.I.C. 2731)											
Que.	34	1 676	3 503	50	4	150	295	142	2 122	70	145
Ont.	49	3 249	7 144	112	8	334	613	272	3 875	143	290
B.C.	6	151	336	6	--	12	25	13	191	9	13
Others	10	209	62	6	--	31	57	22	284	8	23
Total	99	5 285	11 405	174	13	527	990	449	6 472	230	471
H. Corrugated box industry (S.I.C. 2732)											
Que.	25	1 759	3 629	62	8	256	410	146	2 522	94	148
Ont.	74	3 982	8 184	127	15	513	793	265	5 198	182	264
Man.	6	219	476	8	1	29	44	14	280	11	14
B.C.	9	935	1 928	37	3	104	178	71	1 076	45	71
Others	12	737	1 600	26	2	98	158	59	934	33	57
Total	126	7 632	15 817	260	29	1 000	1 583	555	10 010	365	554

III - 12. Major Paper and Allied Industries - Selected Provinces, 1993p (concluded)

Activity/ province or territory	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees ^a		Salaries and wages	Total value added
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number			$000 000
I. Paper bag industry (S.I.C. 2733)											
Que.	8	526	1 073	17	2	76	127	50	769	28	50
Ont.	9	302	621	10	1	34	55	21	444	17	20
Others	7	310	642	9	1	42	69	24	412	13	26
Total	24	1 138	2 336	36	4	152	251	95	1 625	58	96
J. Other converted paper products industries (S.I.C. 279)											
Ont.	117	6 684	14 001	208	23	810	1 374	533	8 609	302	598
Others	127	4 302	8 826	123	17	530	1 023	480	5 934	196	498
Total	244	10 986	22 827	331	40	1 340	2 397	1 013	14 543	498	1 096
K. Stationery paper products industry (S.I.C. 2792)											
Que.	18	668	1 368	17	1	52	107	53	908	28	56
Ont.	23	1 325	2 872	42	3	123	222	95	1 776	63	111
Man.	3	80	160	2	--	4	9	5	114	3	6
B.C.	9	140	276	5	--	13	28	14	205	8	16
Others	7	98	192	3	--	7	16	8	150	5	9
Total	60	2 311	4 868	69	5	199	382	175	3 153	107	198

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 31-203.

III - 13. Logging by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Production and related workers								Total employees*		
	Estab- lishments	Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added	Number	Salaries and wages \$000 000	Total value added
1960	..	..	..	..	..	..	806	..	..	375	..
1965	2 556	53 992	122 571	274	27	651	1 185	528	60 701	316	547
1970	2 648	44 810	100 227	345	29	690	1 382	653	52 230	412	694
1971	2 436	40 119	88 723	344	30	687	1 383	658	47 284	413	698
1972	2 794	40 363	89 599	382	37	770	1 592	765	47 553	458	829
1973	3 128	49 573	105 182	513	50	1 127	2 104	1 001	57 586	606	1 109
1974	3 249	50 733	108 321	601	68	1 249	2 365	1 176	59 491	717	1 244
1975	2 745	45 533	97 662	588	64	1 129	2 175	1 098	53 622	712	1 126
1976	2 315	42 185	83 917	639	71	1 383	2 733	1 300	49 878	773	1 348
1977	2 131	41 804	83 192	693	74	1 513	2 998	1 400	49 445	844	1 440
1978	2 279	45 939	91 544	808	85	1 828	3 435	1 564	53 753	973	1 647
1979	2 844	48 301	96 238	927	101	2 383	4 222	1 822	56 614	1 115	2 053
1980	3 241	45 826	90 653	965	121	2 597	4 559	1 927	54 370	1 179	2 049
1981	3 276	39 971	78 283	944	159	2 444	4 430	1 857	48 402	1 192	1 883
1982	3 081	32 770	62 413	798	179	2 098	3 995	1 616	40 156	1 032	1 650
1983	3 508	39 771	80 446	1 013	200	2 605	4 909	2 105	45 943	1 219	2 152
1984	3 694	45 368	89 665	1 123	215	3 004	5 364	2 172	48 022	1 324	2 191
1985	3 739	40 733	78 567	1 100	219	3 059	5 462	2 167	45 962	1 294	2 187
1986	4 000	40 862	75 012	1 125	220	3 255	5 776	2 260	45 760	1 313	2 297
1987	10 950	43 249	68 148	1 330	284	4 008	7 538	3 286	48 381	1 532	3 340
1988	10 587	42 340	84 798	1 422	284	4 448	8 062	3 354	47 144	1 623	3 378
1989	10 618	44 471	90 184	1 557	301	4 841	8 697	3 631	49 185	1 759	3 657
1990	8 447	39 242	78 194	1 424	283	4 610	8 114	3 177	43 786	1 633	3 197
1991	8 015	35 795	71 494	1 336	266	4 400	7 702	2 897	39 972	1 534	2 914
1992	8 705	38 085	76 941	1 463	285	4 757	8 359	3 237	41 561	1 635	3 272
1993p	8 586	38 557	79 444	1 530	303	5 104	9 031	3 605	41 850	1 701	3 908

*Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201.

III - 14. Wood Industries by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
1960	5 730	69 101	..	222	18	561	1 007	..	82 734	278	432
1965	4 206	78 389	169 301	322	30	818	1 488	655	91 588	399	669
1970	3 330	75 225	157 535	446	36	1 139	1 951	790	87 829	552	802
1971	3 164	78 420	165 368	517	44	1 296	2 347	1 003	91 846	638	1 017
1972	3 085	87 733	182 598	623	53	1 647	3 085	1 397	102 699	771	1 422
1973	3 063	94 818	197 824	756	64	2 181	4 056	1 947	111 600	939	1 977
1974	3 111	89 297	186 506	823	75	2 242	3 991	1 708	106 620	1 038	1 748
1975	2 920	81 588	167 763	846	79	2 098	3 803	1 655	97 717	1 071	1 690
1976	2 703	90 007	187 880	1 098	105	2 770	4 999	2 207	106 178	1 353	2 236
1977	2 542	92 300	192 273	1 272	130	3 161	5 952	2 726	108 660	1 558	2 762
1978	2 928	100 491	209 594	1 482	159	3 916	7 477	3 507	119 004	1 821	3 550
1979	3 208	103 025	216 455	1 687	183	4 927	8 808	3 965	122 048	2 074	4 021
1980	3 363	98 839	207 679	1 798	205	4 865	8 397	3 398	117 307	2 217	3 466
1981	3 394	94 328	189 205	1 824	245	4 802	8 437	3 374	112 570	2 286	3 442
1982	3 345	80 726	155 324	1 653	273	4 095	7 168	2 662	97 050	2 102	2 708
1983	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993
1984	3 561	86 205	174 980	2 028	351	5 657	9 973	4 006	102 941	2 541	4 051
1985	3 476	90 988	189 083	2 204	369	6 164	11 122	4 624	107 560	2 740	4 688
1986	3 578	94 888	195 281	2 295	351	6 659	12 433	5 473	110 966	2 856	5 523
1987	3 424	..	..	..	374	8 300	14 583 ^b	..	121 655	3 304	6 548
1988	3 639	106 992	226 646	2 851	385	8 827	15 322	6 184	123 934	3 517	6 277
1989	3 380	106 682	223 850	2 950	389	9 122	15 843	6 360	123 609	3 655	6 449
1990	3 409	98 688	204 765	2 860	397	8 802	14 806	5 648	115 490	3 565	5 728
1991	3 173	85 212	178 212	2 572	386	7 849	13 166	4 899	100 656	3 207	4 979
1992	3 014	87 213	181 089	2 711	425	8 716	15 060	5 982	103 586	3 401	6 058
1993p	2 894	92 000	190 197	2 943	454	10 526	19 083	8 269	109 961	3 705	8 343

^aExcluding working owners and partners.

^bThe value of manufacturing shipments was estimated by the Canadian Forest Service.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

III - 15. Paper and Allied Industries by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Production and related workers								Total employees ^a		
	Estab- lishments	Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
1960	565	76 040	..	339	116	979	2 126	..	95 281	458	1 034
1965	601	83 994	184 072	450	158	1 386	2 882	1 347	110 180	634	1 365
1970	635	90 679	195 536	684	214	1 953	3 931	1 781	121 080	978	1 817
1971	642	90 086	191 811	731	244	2 023	4 001	1 772	119 709	1 039	1 804
1972	654	91 188	195 393	805	257	2 211	4 414	1 928	120 758	1 135	1 962
1973	649	93 123	197 883	886	284	2 536	5 271	2 439	123 138	1 248	2 476
1974	650	99 696	210 962	1 087	427	3 456	7 677	3 888	131 275	1 526	3 945
1975	665	95 794	181 293	1 055	419	3 347	7 132	3 398	127 342	1 553	3 470
1976	661	98 335	203 620	1 381	572	4 038	8 229	3 774	130 207	1 938	3 844
1977	647	94 244	195 940	1 490	697	4 238	8 938	4 004	124 463	2 080	4 032
1978	699	96 882	202 655	1 654	833	4 747	10 197	4 539	126 783	2 282	4 565
1979	732	98 667	204 986	1 802	960	5 654	12 287	5 733	128 918	2 491	5 756
1980	764	99 071	204 792	1 987	1 085	6 785	14 503	6 737	130 310	2 784	6 770
1981	758	99 491	205 525	2 243	1 299	7 595	15 729	6 944	131 024	3 146	6 965
1982	674	87 924	181 586	2 216	1 434	7 059	14 261	5 869	117 669	3 180	5 876
1983	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940
1984	678	88 227	182 224	2 529	1 809	8 289	17 472	7 506	115 799	3 516	7 492
1985	688	86 477	182 423	2 699	1 831	8 712	18 075	7 555	114 187	3 745	7 524
1986	698	88 880	187 139	2 893	1 699	9 358	20 067	8 935	117 063	4 003	8 917
1987	694	..	..	..	1 704	11 296	23 012 ^b	..	119 346	4 185	10 959
1988	718	90 976	193 551	3 184	1 757	11 471	25 661	12 534	121 075	4 479	12 485
1989	746	90 781	195 159	3 329	1 880	12 131	25 848	11 985	120 106	4 689	11 959
1990	731	87 012	183 134	3 322	2 018	11 639	24 026	10 474	115 176	4 696	10 438
1991	681	83 550	174 396	3 345	2 131	10 895	21 003	8 042	110 086	4 688	8 056
1992	681	79 911	169 009	3 296	2 102	10 903	20 825	7 853	105 008	4 609	7 807
1993p	664	77 590	164 813	3 309	2 179	11 030	21 233	7 965	101 926	4 620	8 081

^aExcluding working owners and partners.

^bThe value of shipments was estimated by The Canadian Forest Service.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

III - 16. Sawmill, Planing Mill, and Shingle Mill Industries (S.I.C.251) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees*			
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
	1 000								000 000 \$		
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 854	43 914	92 625	273	24	705	1 168	450	50 226	326	453
1971	1 705	45 702	96 322	318	29	811	1 440	593	52 650	381	596
1972	1 639	51 076	106 058	385	36	1 030	1 949	894	58 909	464	898
1973	1 593	55 396	115 366	471	44	1 397	2 627	1 306	64 359	572	1 311
1974	1 609	50 615	106 377	506	50	1 341	2 380	999	59 886	623	1 005
1975	1 437	42 291	87 840	482	52	1 141	2 060	883	50 765	599	885
1976	1 282	49 528	104 249	667	70	1 647	2 969	1 309	58 221	802	1 314
1977	1 203	53 169	111 169	803	89	1 986	3 787	1 772	62 199	961	1 776
1978	1 310	58 130	122 002	944	109	2 513	4 848	2 324	68 616	1 139	2 328
1979	1 424	59 294	125 894	1 081	126	3 267	5 831	2 670	70 314	1 312	2 677
1980	1 441	57 800	122 469	1 173	143	3 205	5 430	2 150	68 312	1 423	2 155
1981	1 432	54 499	108 526	1 147	169	2 998	5 098	1 882	64 486	1 413	1 883
1982	1 338	46 295	89 306	1 055	190	2 672	4 501	1 535	55 119	1 319	1 540
1983	1 388	50 179	101 115	1 264	228	3 507	6 106	2 502	59 674	1 548	2 509
1984	1 429	50 895	102 916	1 321	246	3 722	6 404	2 468	60 415	1 626	2 468
1985	1 318	51 773	107 820	1 407	258	3 976	7 059	2 854	61 233	1 721	2 864
1986	1 294	50 708	103 676	1 401	241	4 104	7 618	3 296	59 238	1 723	3 303
1987	1 207	..	..	..	257	4 843	8 291	3 982	64 023	1 973	3 973
1988	1 191	55 111	117 479	1 688	256	5 547	9 366	3 616	63 608	2 042	3 623
1989	1 049	52 863	111 047	1 697	254	5 671	9 475	3 549	60 685	2 048	3 549
1990	996	47 527	98 885	1 590	252	5 527	8 692	2 945	55 137	1 943	2 934
1991	919	42 678	89 400	1 469	246	5 022	7 942	2 647	49 780	1 795	2 639
1992	891	47 151	97 672	1 641	281	5 798	9 483	3 457	53 835	1 966	3 452
1993p	876	50 708	104 016	1 822	297	7 137	12 531	5 241	58 045	2 177	5 220

*Excluding working owners and partners.

Source: Statistics Canada, Cat. No. 35-204, 35-250, and 31-203.

III - 17. Shingle and Shake Industry (S.I.C. 2511) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers						Total employees ^a			
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added	Number	Salaries and wages \$000 000	Total value added
1965	64	1 422	2 793	8	--	15	25	10	1 527	9	11
1970	82	1 374	2 697	11	--	18	32	14	1 450	12	14
1971	74	1 595	3 173	14	1	22	44	22	1 687	15	22
1972	72	1 689	3 244	15	1	26	56	29	1 798	16	29
1973	74	1 753	3 415	17	1	37	68	31	1 883	18	31
1974	79	1 421	2 841	16	1	26	50	23	1 540	18	23
1975	69	1 503	2 942	20	1	28	63	34	1 609	21	34
1976	69	1 690	3 359	25	1	44	90	47	1 813	27	47
1977	71	1 637	3 319	29	2	61	115	53	1 754	31	53
1978	84	2 029	4 272	37	2	87	154	68	2 159	41	68
1979	116	1 853	3 887	40	2	92	155	60	1 986	44	60
1980	124	1 897	3 708	41	2	83	152	66	2 034	44	66
1981	119	1 583	3 117	37	2	69	125	54	1 712	40	56
1982	108	1 302	2 401	29	3	46	87	39	1 421	33	41
1983	98	1 417	2 714	34	3	64	114	46	1 539	39	46
1984	101	1 537	3 099	37	3	81	139	58	1 648	41	57
1985	107	2 157	4 213	52	4	115	196	77	2 272	56	77
1986	134	2 405	4 285	55	5	138	231	86	2 550	60	87
1987	114	..	..	..	5	133	219	85	2 043	53	86
1988	104	1 740	3 555	47	5	139	227	84	1 914	53	87
1989	92	1 652	3 334	45	5	151	237	83	1 801	52	83
1990	90	1 687	3 473	52	5	163	260	92	1 843	59	91
1991	78	1 443	3 053	45	4	130	214	78	1 555	51	79
1992	72	1 713	3 603	56	5	171	268	94	1 804	61	94
1993p	70	1 854	3 789	58	5	193	284	88	1 954	63	89

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204, 35-250, and 31-203.

III - 18. Sawmill and Planing Mill Products Industry (S.I.C. 2512) by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods \$000 000	Value added \$000 000	Number	Salaries and wages \$000 000	Total value added \$000 000
1960	3 719	36 714	..	120	10	296	530	225	..	..	..
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 772	42 540	89 928	262	24	687	1 135	436	48 776	314	439
1971	1 631	44 107	93 150	305	28	789	1 396	572	50 963	366	574
1972	1 567	49 387	102 814	370	35	1 004	1 894	865	57 111	448	869
1973	1 519	53 643	111 951	455	43	1 360	2 559	1 275	62 476	554	1 280
1974	1 530	49 194	103 535	490	49	1 315	2 330	976	58 346	605	983
1975	1 368	40 788	84 899	462	51	1 113	1 997	849	49 156	578	851
1976	1 213	47 838	100 890	642	69	1 604	2 878	1 262	56 408	774	1 268
1977	1 132	51 532	107 850	775	88	1 925	3 673	1 719	60 445	930	1 723
1978	1 226	56 101	117 730	906	107	2 426	4 694	2 257	66 457	1 098	2 260
1979	1 308	57 441	122 007	1 042	124	3 176	5 676	2 610	68 328	1 268	2 617
1980	1 317	55 903	118 761	1 132	141	3 122	5 278	2 085	66 278	1 379	2 089
1981	1 313	52 916	105 409	1 110	166	2 929	4 973	1 828	62 774	1 373	1 827
1982	1 230	44 878	86 592	1 027	188	2 608	4 387	1 489	53 698	1 286	1 494
1983	1 290	48 762	98 401	1 231	226	3 443	5 991	2 455	58 135	1 509	2 463
1984	1 328	49 358	99 818	1 284	243	3 641	6 265	2 410	58 767	1 585	2 410
1985	1 211	49 616	103 606	1 355	254	3 861	6 863	2 777	58 961	1 676	2 786
1986	1 160	48 303	99 391	1 346	236	3 966	7 387	3 209	56 688	1 663	3 216
1987	1 093	..	..	..	252	4 710	8 702	3 897	61 980	1 920	3 888
1988	1 087	53 371	113 924	1 641	251	5 408	9 139	3 532	61 694	1 989	3 536
1989	957	51 211	107 713	1 652	249	5 520	9 237	3 465	58 884	1 997	3 466
1990	906	45 840	95 412	1 538	247	5 364	8 432	2 853	53 294	1 884	2 843
1991	841	41 235	86 347	1 424	242	4 892	7 728	2 570	48 225	1 744	2 560
1992	819	45 438	94 069	1 586	277	5 627	9 215	3 363	52 031	1 906	3 358
1993p	806	48 854	100 227	1 764	292	6 944	12 247	5 153	56 091	2 114	5 131

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204, 35-250, and 31-203.

III - 19. Veneer and Plywood Industries (S.I.C. 252) by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
1960	76	9 856	..	35	3	76	138	61	..	..	..
1965	83	12 826	27 455	55	4	120	222	101	14 265	65	102
1970	90	10 973	21 616	68	5	152	262	104	12 259	80	106
1971	88	11 363	23 360	80	6	165	312	139	12 650	93	147
1972	84	12 213	24 788	92	7	202	393	182	13 664	108	187
1973	86	13 082	26 599	110	8	255	487	226	14 478	127	232
1974	82	11 863	23 562	112	9	262	463	198	13 291	133	206
1975	83	11 367	21 346	119	10	248	458	200	12 732	141	204
1976	81	11 635	23 179	147	13	311	584	266	13 003	171	270
1977	83	12 301	24 917	174	17	351	647	283	13 695	202	285
1978	86	12 555	25 319	192	20	423	844	402	14 067	222	406
1979	83	12 212	24 470	203	21	498	888	380	13 618	236	391
1980	84	10 990	22 453	206	23	483	840	333	12 363	243	345
1981	77	9 920	18 845	197	26	466	841	351	11 323	238	357
1982	82	9 084	15 772	185	27	360	645	248	10 344	225	254
1983	82	8 596	17 289	216	32	456	853	373	9 724	256	381
1984	81	8 037	15 632	200	31	453	795	317	9 174	241	323
1985	82	7 932	15 801	210	33	486	888	363	9 058	251	370
1986	78	7 679	14 476	185	30	455	916	434	8 780	225	439
1987	78	..	..	..	33	568	1 091	494	9 347	265	496
1988	84	8 233	17 169	241	32	571	1 051	448	9 305	283	452
1989	84	8 199	16 796	249	33	563	1 068	476	9 236	292	479
1990	83	7 632	15 879	244	36	560	1 028	445	8 698	289	460
1991	75	6 156	12 902	202	31	459	857	359	7 069	242	373
1992	71	6 841	14 424	228	36	531	1 004	431	7 728	270	452
1993p	67	7 160	14 855	244	38	641	1 255	585	8 099	289	598

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-206, 35-250, and 31-203.

III - 20. Sash, Door, and Other Millwork Industries (S.I.C. 254) by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees*		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added \$000 000
1960	1 397	13 267	..	40	4	134	227	88	..	..	..
1965	1 007	11 108	24 868	41	3	115	209	93	14 122	58	99
1970	908	12 040	25 610	63	3	190	339	146	15 432	91	152
1971	902	12 933	27 820	73	4	223	396	172	16 494	105	180
1972	910	15 594	33 009	94	5	298	509	209	19 547	131	224
1973	943	17 078	36 298	115	6	389	658	274	21 675	163	291
1974	958	17 230	36 462	135	8	462	801	343	22 214	193	365
1975	944	18 409	38 629	165	8	519	928	405	23 083	229	433
1976	925	19 622	41 132	199	10	618	1 073	460	24 224	271	476
1977	891	18 169	38 025	200	11	607	1 079	468	22 641	275	495
1978	1 110	20 525	42 952	240	13	718	1 267	538	25 468	326	573
1979	1 228	21 067	44 175	268	15	818	1 438	618	25 972	360	652
1980	1 316	19 994	41 665	275	16	790	1 425	621	24 866	372	668
1981	1 358	20 447	42 183	321	21	905	1 701	795	25 559	436	852
1982	1 390	16 816	33 698	272	23	685	1 319	588	21 294	377	619
1983	1 440	18 488	37 930	321	26	872	1 641	759	22 925	437	791
1984	1 480	18 217	37 525	327	29	904	1 733	803	22 740	450	839
1985	1 512	21 469	45 157	390	33	1 066	2 045	951	25 884	514	995
1986	1 599	25 905	54 835	494	35	1 378	2 589	1 195	30 692	640	1 227
1987	1 538	..	..	..	39	1 703	3 162	1 436	35 474	774	1 467
1988	1 675	32 156	67 579	664	46	1 816	3 376	1 523	37 781	870	1 602
1989	1 606	33 944	71 395	730	50	1 928	3 655	1 688	40 076	967	1 767
1990	1 688	32 372	66 896	753	54	1 836	3 577	1 679	38 904	995	1 756
1991	1 625	26 506	55 121	642	56	1 565	2 971	1 349	32 436	851	1 422
1992	1 549	24 329	50 469	596	53	1 551	2 976	1 382	31 309	847	1 439
1993p	1 475	25 031	52 053	617	59	1 773	3 255	1 439	32 545	884	1 513

*Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-205, 35-250, and 31-203.

III - 21. Wooden Box and Pallet Industry (S.I.C. 256) by Year, 1965-1993

Year	Manufacturing activity								Total activity			
	Estab- lishments	Production and related workers						Total employees ^a		Number	Salaries and wages	Total value added
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	\$000 000			
1965	160	2 642	5 824	9	1	15	35	19	3 028	11	19	
1970	162	2 668	5 668	13	1	25	54	28	3 115	17	28	
1971	162	2 666	5 615	14	1	26	55	28	3 109	18	28	
1972	157	2 747	5 828	15	1	31	62	30	3 218	19	30	
1973	162	2 913	6 176	18	1	40	79	38	3 449	23	38	
1974	177	3 192	6 828	22	1	57	105	47	3 731	28	47	
1975	179	3 233	6 846	26	1	57	110	52	3 752	33	52	
1976	166	2 938	6 216	26	2	57	111	53	3 430	33	53	
1977	150	2 869	6 028	30	2	66	134	67	3 347	40	67	
1978	161	2 940	6 112	30	2	77	139	61	3 470	39	61	
1979	189	3 396	7 099	42	2	104	187	81	3 938	51	81	
1980	192	3 017	6 310	38	2	102	189	85	3 547	48	85	
1981	191	2 874	5 986	43	3	110	207	93	3 407	55	93	
1982	208	2 741	5 662	41	4	97	188	87	3 274	52	88	
1983	201	2 216	4 496	32	4	85	152	64	2 556	40	65	
1984	212	2 422	4 991	38	4	105	191	82	2 759	46	83	
1985	193	2 493	4 966	40	5	110	198	86	2 853	49	86	
1986	206	2 676	5 443	43	5	120	218	93	3 084	54	95	
1987	207	..	..	..	5	139	253	109	3 508	62	109
1988	226	3 087	6 411	55	5	145	259	110	3 491	68	114	
1989	215	3 115	6 542	58	5	165	289	120	3 536	72	124	
1990	209	3 336	6 975	66	7	152	260	101	3 588	73	102	
1991	184	2 752	5 801	61	6	132	234	95	3 032	70	95	
1992	168	2 028	4 214	44	5	125	219	91	2 386	57	91	
1993p	162	1 986	4 239	44	5	138	244	100	2 390	58	101	

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208, 35-250, and 31-203.

III - 22. Coffin and Casket Industry (S.I.C. 258) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000				\$000 000			\$000 000	
1965	56	1 152	2 595	4	--	6	14	8	1 438	5	8
1970	45	1 006	2 194	5	--	7	17	10	1 260	7	10
1971	45	983	2 172	5	--	7	18	10	1 217	7	10
1972	43	973	2 113	5	--	8	18	10	1 202	7	10
1973	42	982	2 088	6	--	10	21	11	1 180	8	11
1974	43	1 000	2 051	6	--	13	25	13	1 230	9	13
1975	40	952	1 990	7	--	11	25	14	1 120	9	14
1976	38	837	1 803	7	--	10	23	12	965	8	13
1977	29	743	1 599	7	--	10	23	13	860	8	13
1978	31	721	1 507	7	--	13	27	15	846	9	15
1979	32	660	1 393	7	--	13	29	15	776	9	16
1980	38	707	1 488	9	1	15	32	16	828	11	17
1981	34	616	1 311	9	1	15	33	18	736	11	18
1982	33	643	1 340	10	1	17	36	19	741	12	19
1983	31	692	1 397	11	1	18	39	21	799	14	21
1984	31	623	1 201	10	1	18	39	20	722	12	20
1985	27	653	1 326	11	1	20	41	22	453	14	22
1986	27	622	1 316	12	1	19	43	24	717	15	24
1987	25	..	..	..	1	19	44	24	708	15	24
1988	25	648	1 368	13	1	21	49	28	751	16	28
1989	32	685	1 352	14	1	23	49	26	784	17	26
1990	28	542	1 097	12	1	20	43	23	601	14	23
1991	27	608	1 224	14	1	22	49	26	669	16	26
1992	27	566	1 154	14	1	21	51	29	685	17	30
1993p	26	614	1 256	15	1	23	55	31	725	18	32

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208, 35-250, and 31-203.

III - 23. Other Wood Industries (S.I.C. 259) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
1965	277	4 762	10 276	17	2	45	86	40	5 796	23	41
1970	271	4 624	9 821	24	3	59	112	52	5 537	31	53
1971	260	4 773	10 079	27	3	64	126	60	5 726	35	61
1972	252	5 130	10 803	32	4	77	153	72	6 159	41	73
1973	237	5 367	11 298	36	5	90	184	91	6 459	47	93
1974	242	5 397	11 226	42	6	109	217	108	6 268	52	110
1975	237	5 336	11 112	48	7	121	222	100	6 265	59	101
1976	211	5 447	11 308	54	10	127	239	106	6 335	67	110
1977	186	5 049	10 536	57	11	142	282	124	5 918	72	126
1978	230	5 620	11 703	69	14	173	351	166	6 537	85	167
1979	252	6 396	13 424	86	18	226	436	201	7 430	107	204
1980	292	6 331	13 294	97	20	269	481	193	7 391	119	197
1981	302	5 972	12 354	107	26	307	558	235	7 059	133	239
1982	296	5 262	9 860	92	27	282	506	192	6 278	118	193
1983	311	5 328	10 529	105	32	360	615	223	6 287	132	226
1984	328	6 011	12 716	132	41	455	810	316	7 131	166	319
1985	344	6 668	14 013	146	40	507	890	349	7 779	180	352
1986	374	7 298	15 536	160	39	582	1 049	432	8 445	199	435
1987	369	..	..	..	40	632	1 140	476	8 595	216	478
1988	438	7 757	16 639	190	46	727	1 222	457	8 998	238	457
1989	394	7 876	16 718	202	45	773	1 308	501	9 292	258	504
1990	405	7 279	15 033	197	47	707	1 207	456	8 562	251	454
1991	343	6 512	13 764	184	45	649	1 113	423	7 670	232	424
1992	308	6 298	13 150	187	48	710	1 327	592	7 643	245	595
1993p	288	6 501	13 773	203	55	815	1 743	873	8 157	278	879

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208, 35-250, and 31-203.

III - 24. Wood Preservation Industry (S.I.C. 2591) by Year, 1965-1993

Year	Manufacturing activity								Total activity				
	Estab- lishments	Production and related workers						Total employees ^a		Number	Salaries and wages	Total value added	
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number				\$000 000
1965	31	1 178	2 465	5	1	19	34	15	1 456	7	15		
1970	34	1 048	2 212	7	1	21	39	17	1 357	10	18		
1971	30	1 154	2 443	8	1	26	45	19	1 448	11	20		
1972	31	1 148	2 509	9	1	27	51	22	1 465	12	22		
1973	33	1 125	2 418	10	1	32	61	27	1 452	14	28		
1974	36	1 281	2 622	13	2	42	80	39	1 506	16	41		
1975	36	1 320	2 721	14	2	54	88	37	1 627	19	37		
1976	36	1 199	2 341	13	2	49	81	32	1 481	18	34		
1977	34	1 188	2 418	16	2	58	102	39	1 474	21	40		
1978	38	1 446	2 985	20	3	69	120	48	1 733	25	48		
1979	41	1 364	2 784	21	3	82	132	51	1 672	27	52		
1980	40	1 416	2 900	26	3	94	150	56	1 687	31	59		
1981	43	1 295	2 656	26	4	106	168	60	1 572	32	62		
1982	45	1 128	2 166	24	6	100	166	61	1 388	31	61		
1983	47	1 019	1 987	23	5	111	171	54	1 249	29	56		
1984	50	1 185	2 453	30	7	154	236	75	1 443	37	78		
1985	51	1 070	2 197	27	6	150	214	63	1 348	36	65		
1986	59	1 190	2 328	28	6	174	250	74	1 490	39	78		
1987	61	..	..	..	6	189	270	81	1 559	40	84
1988	71	1 184	2 426	30	5	229	314	85	1 477	43	87		
1989	74	1 292	2 691	35	6	245	343	100	1 630	50	100		
1990	71	1 315	2 721	37	7	250	375	120	1 679	56	119		
1991	66	1 156	2 442	34	6	232	349	115	1 488	50	117		
1992	61	1 099	2 320	33	6	233	349	112	1 424	49	116		
1993p	57	964	2 063	29	6	260	371	106	1 201	41	111		

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208, 35-250, and 31-203.

III - 25. Particleboard and Waferboard Industries (S.I.C. 2592-2593) by Year, 1970-1993

Year	Estab- lishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
A. Particleboard and waferboard											
1970	9	674	1 512	4	1	8	18	9	783	5	9
1975	14	1 192	2 413	13	3	26	51	23	1 377	16	22
1980	17	1 807	3 794	36	14	97	186	71	2 149	44	70
1981	21	1 974	4 096	44	18	118	226	95	2 366	55	95
B. Particleboard (S.I.C. 2592)											
1982	17	928	1 914	20	10	64	122	48	1 138	26	47
1983	19	1 014	1 972	23	11	81	149	57	1 223	31	57
1984	19	1 201	2 592	30	13	90	197	94	1 525	42	93
1985	23	1 353	2 872	36	14	120	228	94	1 683	47	93
1986	25	1 541	3 539	42	14	154	296	128	1 911	55	126
1987	25	..	..	..	15	169	342	161	2 018	62	159
1988	28	1 611	3 736	48	15	179	349	158	2 010	62	156
1989	29	1 579	3 458	50	16	186	345	143	2 110	70	141
1990	28	1 504	3 215	48	17	179	324	130	1 886	64	128
1991	24	1 326	2 811	44	15	141	260	105	1 613	56	104
1992	25	1 408	2 956	48	18	151	297	125	1 726	62	124
1993p	24	1 471	3 119	51	21	185	423	213	1 867	70	211
C. Waferboard (S.I.C. 2593)											
1982	10	971	1 505	17	8	45	78	21	1 142	22	21
1983	11	1 003	2 032	25	11	76	130	43	1 199	31	43
1984	11	1 210	2 727	34	16	111	189	62	1 429	41	61
1985	11	1 269	2 705	36	15	116	232	101	1 530	45	102
1986	11	1 182	2 572	36	14	118	248	117	1 393	44	115
1987	11	..	..	..	14	131	264	118	1 506	50	116
1988	13	1 518	3 462	51	17	169	285	99	1 858	65	97
1989	12	1 467	3 157	52	15	187	336	134	1 806	65	136
1990	12	1 225	2 615	45	15	152	249	84	1 467	56	83
1991	12	1 193	2 556	45	14	153	266	98	1 455	56	97
1992	11	1 321	2 786	53	17	180	445	247	1 632	66	246
1993p	12	1 539	3 463	66	21	219	669	429	2 092	93	427

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208, 35-250, and 31-203.

III - 26. Pulp and Paper Industries (S.I.C. 271) by Year, 1960-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000							\$000 000	\$000 000
1960	126	53 313	..	260	111	658	1 583	815	..	..	..
1965	132	58 074	128 006	339	151	924	2 104	1 034	69 897	424	1 042
1970	139	62 025	134 291	512	204	1 334	2 851	1 323	80 371	701	1 331
1971	142	61 426	130 766	546	233	1 364	2 832	1 273	79 397	746	1 277
1972	141	61 196	131 426	594	244	1 484	3 128	1 374	78 969	809	1 380
1973	146	61 783	131 688	645	271	1 701	3 791	1 804	80 085	884	1 813
1974	147	66 584	142 883	803	409	2 307	5 703	3 034	86 203	1 097	3 049
1975	147	64 329	117 176	755	399	2 192	5 122	2 569	84 046	1 092	2 601
1976	147	66 946	139 464	1 033	546	2 733	5 993	2 845	86 995	1 416	2 876
1977	145	64 930	135 108	1 130	668	2 911	6 637	3 056	84 533	1 541	3 070
1978	144	66 039	138 834	1 253	798	3 255	7 649	3 504	85 601	1 697	3 508
1979	146	66 878	139 305	1 355	919	3 848	9 282	4 539	87 055	1 847	4 531
1980	144	66 252	137 699	1 486	1 037	4 605	10 908	5 350	86 872	2 050	5 355
1981	144	67 170	139 183	1 670	1 240	5 063	11 619	5 406	87 882	2 310	5 401
1982	142	62 626	129 840	1 729	1 376	4 877	10 689	4 535	83 104	2 442	4 515
1983	137	60 200	125 563	1 838	1 522	5 092	11 082	4 410	79 164	2 528	4 380
1984	142	61 018	126 952	1 922	1 736	5 633	13 112	5 845	79 404	2 638	5 802
1985	137	58 830	126 105	2 047	1 751	5 867	13 407	5 773	77 562	2 811	5 720
1986	142	60 386	128 137	2 189	1 619	6 335	15 072	7 020	79 570	2 999	6 974
1987	144	..	..	..	1 622	7 173	17 734	8 895	80 334	3 114	8 852
1988	145	60 874	132 312	2 405	1 672	7 991	19 850	10 285	81 058	3 332	10 182
1989	147	60 774	133 429	2 510	1 793	8 532	19 812	9 634	80 595	3 491	9 550
1990	146	58 971	125 328	2 510	1 927	8 240	18 204	8 122	77 768	3 497	8 039
1991	155	57 165	119 565	2 547	2 041	7 674	15 446	5 809	75 285	3 525	5 766
1992	156	52 932	112 959	2 462	2 004	7 717	15 337	5 637	71 689	3 402	5 532
1993p	158	51 553	110 404	2 475	2 084	7 831	15 631	5 667	68 053	3 430	5 675

*Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-204, 36-250, and 31-203.

III - 27. Asphalt Roofing Industry (S.I.C. 272) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers							Total employees ^a		
		Number	Person- hours paid 1 000	Wages	Fuel and electricity	Materials and supplies \$000 000	Value of shipments of goods	Value added	Number	Salaries and wages \$000 000	Total value added
1965	21	1 291	2 899	6	1	30	58	26	1 942	10	30
1970	14	618	1 436	4	1	22	39	17	1 141	9	19
1971	14	727	1 706	6	1	29	51	22	1 218	10	25
1972	14	815	1 919	7	1	34	63	28	1 277	12	31
1973	15	919	2 088	8	1	41	77	33	1 375	13	37
1974	15	916	2 109	9	2	54	102	49	1 403	15	52
1975	15	963	2 189	11	2	69	121	51	1 438	18	53
1976	15	1 034	2 177	13	3	87	148	60	1 549	21	63
1977	15	998	2 127	14	4	91	154	62	1 540	22	64
1978	17	1 043	2 169	15	4	111	179	64	1 467	23	67
1979	18	997	2 067	15	5	138	209	72	1 471	24	81
1980	17	891	1 874	15	5	160	244	78	1 393	26	92
1981	16	806	1 637	15	6	167	269	90	1 301	27	100
1982	16	768	1 562	15	7	162	271	102	1 269	26	107
1983	17	1 025	2 103	25	8	215	306	89	1 424	36	102
1984	17	1 168	2 366	27	12	216	354	131	1 537	38	133
1985	18	1 177	2 472	29	13	223	367	134	1 562	41	136
1986	19	1 333	2 838	35	15	233	450	198	1 904	54	208
1987	19	..	..	..	15	242	458	198	2 008	62	206
1988	17	1 292	2 621	37	12	213	433	203	1 869	59	209
1989	18	1 235	2 552	38	14	218	448	219	1 760	58	230
1990	16	1 150	2 437	37	15	207	444	231	1 518	56	230
1991	13	927	1 917	30	9	184	363	161	1 153	39	167
1992	14	1 003	2 109	34	11	192	401	209	1 269	44	216
1993p	13	996	2 019	32	11	179	381	186	1 223	42	190

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215, 36-250, and 31-203.

III - 28. Paper Box and Bag Industries (S.I.C. 273) by Year, 1965-1993

Year	Manufacturing activity								Total activity			
	Estab- lishments	Production and related workers						Total employees ^a		Number	Salaries and wages	Total value added
		Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	\$000 000			
		1 000										
1965	244	15 898	34 274	102	3	284	458	172	20 952	100	173	
1970	269	17 505	37 569	108	5	389	656	266	23 497	160	270	
1971	268	17 527	37 231	116	6	412	701	285	23 387	170	290	
1972	268	18 393	39 435	132	7	455	771	313	24 335	191	320	
1973	265	19 249	40 698	150	7	518	881	358	25 282	214	366	
1974	269	20 187	41 236	177	9	718	1 182	480	26 247	252	498	
1975	286	18 791	38 173	182	11	698	1 171	458	24 799	266	470	
1976	284	18 882	38 509	215	13	784	1 310	526	24 891	306	537	
1977	280	18 086	37 675	231	16	811	1 355	525	23 837	329	528	
1978	296	18 680	38 925	252	18	904	1 502	589	24 259	351	591	
1979	316	19 125	39 688	276	21	1 057	1 718	653	24 607	382	657	
1980	331	19 713	40 238	306	25	1 226	2 000	765	25 443	430	767	
1981	331	19 255	39 496	349	31	1 452	2 303	832	25 131	492	835	
1982	255	14 087	28 519	275	26	1 115	1 800	664	18 492	394	667	
1983	248	14 447	29 270	313	29	1 217	1 989	752	18 641	435	750	
1984	249	14 684	30 045	343	32	1 399	2 238	821	19 004	473	819	
1985	251	14 919	30 065	366	35	1 493	2 369	848	19 174	504	847	
1986	253	14 996	30 960	391	33	1 567	2 496	895	19 214	533	897	
1987	250	..	..	..	35	1 663	2 682	989	19 789	563	985
1988	267	15 879	32 986	438	40	1 933	3 079	1 119	20 837	623	1 124	
1989	282	15 954	32 644	456	39	1 962	3 147	1 142	20 749	652	1 143	
1990	276	14 577	29 944	444	41	1 795	2 960	1 120	19 282	644	1 122	
1991	258	13 874	28 811	443	42	1 661	2 774	1 072	18 148	631	1 074	
1992	263	14 476	30 287	471	44	1 690	2 834	1 099	18 696	658	1 103	
1993p	249	14 055	29 558	470	46	1 679	2 824	1 099	18 107	653	1 121	

^aExcluding working owners and partners.

Source: Statistics Canada Cat. No. 36-216, 36-250, and 31-203.

III - 29. Other Converted Paper Products Industries (S.I.C. 279) by Year, 1965-1993

Year	Manufacturing activity								Total activity		
	Estab- lishments	Production and related workers			Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total employees*	
		Number	Person- hours paid 1 000							Number	Salaries and wages \$000 000
1965	204	8 731	18 892	37	3	147	262	115	12 215	58	120
1970	213	10 531	22 240	60	4	208	384	176	16 071	108	197
1971	218	10 406	22 108	63	4	219	416	193	15 707	113	212
1972	231	10 784	22 613	71	5	239	453	213	16 177	124	231
1973	223	11 172	23 409	82	5	276	522	243	16 396	137	261
1974	219	12 009	24 733	98	7	377	690	326	17 422	162	347
1975	217	11 711	23 755	107	7	389	717	320	17 059	178	345
1976	215	11 473	23 469	119	9	435	778	343	16 772	195	368
1977	207	10 230	21 030	115	10	426	793	360	14 553	187	370
1978	242	11 120	22 728	134	13	477	867	382	15 456	211	399
1979	252	11 667	23 926	156	15	611	1 077	469	15 785	238	488
1980	272	12 215	24 979	179	18	795	1 351	544	16 602	278	556
1981	267	12 260	25 209	210	23	912	1 539	615	16 710	317	630
1982	260	10 443	21 665	197	25	910	1 502	568	14 804	317	586
1983	270	10 703	21 839	216	26	943	1 634	678	15 079	342	709
1984	270	11 357	22 862	237	29	1 041	1 768	709	15 854	367	738
1985	282	11 551	23 781	257	32	1 128	1 931	799	15 889	389	821
1986	284	12 165	25 205	277	30	1 222	2 047	822	16 375	417	840
1987	281	..	..	..	32	1 287	2 200	888	17 215	446	918
1988	289	12 931	25 632	304	33	1 334	2 299	928	17 311	464	970
1989	299	12 818	26 534	325	34	1 420	2 441	989	17 002	488	1 036
1990	293	12 314	25 425	330	35	1 396	2 418	1 002	16 608	498	1 046
1991	255	11 584	24 103	325	39	1 377	2 421	999	15 500	492	1 048
1992	248	11 500	23 650	330	37	1 304	2 253	909	15 354	506	957
1993p	244	10 986	22 827	331	40	1 340	2 397	1 013	14 543	498	1 096

*Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215, 36-250, and 31-203.

III - 30. Manufacturing Industries, 1993p

Manufacturing industries ^b	S.I.C. ^c	Estab- lishments	Manufacturing activity							Total activity		
			Production and related workers							Total employees ^a		
			Number	Person- hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
	1 000						Number	\$000 000	\$000 000			
A. Forestry												
Sawmills, planing mills	2512	806	48 854	100 227	1 764	292	6 944	12 247	5 153	56 091	2 114	5 131
Shingle and shake industry	2511	70	1 854	3 789	58	5	193	284	88	1 954	63	89
Pulp and paper mills	271	158	51 553	110 404	2 475	2 084	7 831	15 631	5 667	68 053	3 430	5 675
Other wood industries	252-259	2 018	41 292	86 181	1 121	157	3 389	6 552	3 028	51 916	1 528	3 123
Other paper industries	272-279	506	26 037	54 409	834	95	3 199	5 602	2 298	33 873	1 190	2 406
Furniture and fixtures	261-269	1 331	36 992	76 845	868	60	1 852	3 988	2 081	44 654	1 168	2 139
Printing and publishing	281-284	4 655	71 165	144 536	2 355	125	4 397	12 840	8 313	124 887	4 476	8 502
B. Agriculture												
Food, feed, beverages, tobacco	101,103-122	2 791	136 451	280 089	4 090	715	27 372	46 298	18 175	199 040	6 844	20 348
C. Fishing												
Fish products	102	428	18 994	36 057	360	43	1 736	2 565	818	21 839	457	980
D. Mining												
Smelting and refining	291, 295	95	44 271	99 470	2 205	1 326	7 168	14 188	5 730	59 502	3 072	5 708
Metal semi-fabricated products	292-294, 296-299, 305, 351-359	2 090	63 275	134 550	2 191	687	6 746	13 501	6 088	79 389	2 937	6 249
Metal-fabricated products	301-304, 306-309	4 860	96 887	202 458	2 907	247	6 658	13 752	6 910	120 792	3 907	7 122
E. Energy												
Petroleum and coal products	361-369	157	6 883	14 476	354	383	14 489	17 244	2 280	14 084	771	2 368
F. Other												
Machinery (except electrical)	311-319	1 855	56 090	117 150	1 790	123	4 921	10 090	5 159	74 379	2 610	5 441
Transportation equipment	321-329	1 349	166 985	362 939	6 563	499	45 091	64 113	18 671	209 879	8 759	21 139
Electrical products	331-339	1 365	81 101	170 696	2 593	169	11 540	20 299	8 721	118 629	4 488	9 602
Chemicals, chemical products	371-379	1 248	49 989	104 751	1 820	1 049	10 737	22 610	10 936	90 490	3 746	12 316
Textile and clothing	181-249	2 849	106 236	219 104	2 132	221	5 787	11 542	5 570	128 759	3 001	5 878
Miscellaneous products	151-169, 171, 391-399	4 312	115 031	237 661	2 927	325	7 623	16 331	8 459	149 242	4 418	9 565
G. Total	...	32 943	1 219 940	2 555 795	39 407	8 604	177 673	309 675	124 145	1 647 452	58 979	133 779

^aExcluding working owners and partners.

^bExcluding primary industries.

^c1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

SECTION IV

EMPLOYMENT

Labour Force Survey

Labour Force Survey statistics are based on information obtained through a sample survey of households. Interviews are carried out in about 52 000 representative households across the country.

The sample used in the surveys of the labour force has been designed to represent all persons in the population 15 years of age and over residing in Canada, with the exception of the following: residents of the Yukon and Northwest Territories, persons living on Indian reserves, inmates of institutions, and full-time members of the armed forces.

A comprehensive description of the design of the Labour Force Survey, and a complete list of Self-Representative Units, can be found in "Methodology of the Canadian Labour Force Survey," Statistics Canada, Catalogue 71-526, Ottawa, 1990.

Employment: Employed persons are those who, during the reference week, a) did any work at all; b) had a job, but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labour dispute, vacation, or other reasons (excluding persons on layoff and those with a job to start at a definite date in the future).

Survey of Manufactures

The Survey of Manufactures is an annual survey of the manufacturing industries of Canada.

Data are accepted for any fiscal year ending not earlier than April 1 of the reference year, nor later than March 31 of the following year. However, data on small establishments based on financial statements submitted to Revenue Canada relate to the taxation year, that is, any reporting year ending in the calendar year. These practices should be kept in mind in comparing census data with those compiled on a calendar-year basis.

For detailed definitions and some qualifications to the preceding explanations, see Concepts and Definitions of the Census of Manufactures, Catalogue 31-528.

Employment: Excludes working owners and partners of unincorporated businesses, which are separately tabulated, and outside pieceworkers. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those at the establishment engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial and security services, and working foremen. Administrative office and other non-manufacturing employees include all functions at head offices, sales offices, and auxiliary units as well as cafeteria workers, research personnel, truck drivers, etc.

IV - 1. Employment by Industry Sector^a, 1970-1994

(Thousands of people)

Year	Forestry related																	Total		
	Forestry		Wood industries		Paper and allied industries		Mining related				Agriculture related			Fishing		Construction	Other			
	Logging	services	Sawmills, planing shingle mills	Total	Pulp and paper mills	Total	Printing, publishing, furniture, fixtures	Extraction and concentrating	Smelting and refining	Semi-fabricating	Metallic minerals	Agri-culture	Food, Agri-cultural services	Feed, beverages tobacco ^b	Fishing, services				Fish products	Energy
1970	..	..	..	..	..	..	..	110	101	97	124	513	..	..	..	..	..	467	..	7 919
1975	50	10	54	93	91	130	171	116	105	106	133	483	14	223	21	21	..	603	7 065	9 284
1976	63	10	77	122	106	148	192	118	101	105	135	469	11	321	19	25	..	797	7 213	9 776
1977	59	12	72	123	95	133	204	119	105	103	129	462	12	323	20	27	..	803	7 415	9 978
1978	66	13	80	135	99	144	213	110	108	109	138	469	12	332	21	33	..	813	7 683	10 320
1979	67	12	87	145	102	145	214	115	110	112	143	479	15	336	29	38	..	841	8 039	10 761
1980	64	10	81	140	105	148	225	126	116	107	143	472	17	337	33	38	..	834	8 346	11 082
1981	67	11	80	144	102	148	226	129	116	105	142	482	15	350	34	36	..	875	8 596	11 398
1982	52	11	60	111	94	139	237	123	106	92	127	463	16	341	32	34	..	809	8 405	11 035
1983	64	11	63	117	89	129	234	114	97	88	116	475	18	335	36	34	317	773	8 223	11 106
1984	64	13	68	120	94	131	219	116	96	93	115	470	22	226	34	34	315	592	8 819	11 402
1985	57	12	61	113	91	126	216	116	94	96	124	462	20	234	33	30	325	608	9 145	11 742
1986	57	11	64	128	82	116	234	109	89	99	133	452	24	227	37	34	318	652	9 443	12 095
1987	58	15	70	138	88	127	249	108	89	102	142	450	24	235	37	34	322	708	9 657	12 422
1988	63	12	68	144	103	139	244	111	92	106	154	429	22	235	42	37	344	765	9 955	12 819
1989	59	14	69	142	109	151	254	111	91	104	165	413	25	231	41	35	340	809	10 174	13 086
1990	52	16	64	134	104	141	234	105	84	97	153	412	28	222	42	31	355	824	10 303	13 165
1991	52	15	60	123	99	131	220	100	79	89	141	425	32	223	48	30	337	732	10 206	12 916
1992	51	15	62	125	89	119	215	90	74	83	123	409	28	223	40	29	329	717	10 238	12 842
1993	52	14	71	138	92	129	227	84	68	84	124	419	31	219	42	26	305	694	10 425	13 015
1994	63	17	71	148	94	130	221	81	65	87	129	395	30	224	41	25	299	750	10 667	13 292

^aUnadjusted series.

^bExcluding fish products.

Note : Data from 1976 has been revised and is based on the 1991 Census.

Sources : Statistics Canada Cat. No. 71-201, Labour Force Survey, Natural Resources Canada 1994 *Canadian Mineral Yearbook*, Natural Resources Canada *Energy Statistics Handbook* December 1995.

IV - 2. Employment by Province^a, 1970-1994

(Thousands of people)

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Employed labour force											
1970	129	35	256	192	2 128	3 037	371	333	633	805	7 919
1975	152	42	292	224	2 434	3 576	417	365	788	995	9 284
1980	184	48	328	257	2 780	4 203	467	425	1 116	1 275	11 082
1981	184	48	328	260	2 803	4 338	472	433	1 194	1 339	11 398
1982	179	46	320	249	2 657	4 244	464	434	1 173	1 268	11 035
1983	177	49	329	254	2 701	4 278	471	444	1 146	1 258	11 106
1984	178	50	344	255	2 789	4 444	483	449	1 149	1 263	11 402
1985	179	51	344	264	2 879	4 608	491	459	1 170	1 297	11 742
1986	184	52	353	273	2 948	4 772	503	466	1 189	1 354	12 095
1987	188	53	360	282	3 034	4 951	507	468	1 188	1 390	12 422
1988	198	54	377	291	3 121	5 136	508	465	1 224	1 444	12 819
1989	206	55	384	296	3 157	5 241	513	458	1 254	1 524	13 086
1990	206	55	390	302	3 172	5 226	518	458	1 277	1 561	13 165
1991	203	53	382	297	3 099	5 044	506	458	1 290	1 585	12 916
1992	194	54	371	302	3 067	5 001	498	450	1 285	1 619	12 842
1993	193	54	368	305	3 080	5 089	509	455	1 296	1 666	13 015
1994	195	56	380	307	3 156	5 160	511	457	1 337	1 733	13 292
B. Unemployment rate (%)											
1970	7.3	x	5.3	6.3	7.0	4.4	5.3	4.2	5.1	7.7	5.7
1975	14.0	8.0	7.7	9.8	8.1	6.3	4.5	2.9	4.1	8.5	6.9
1980	13.2	10.8	9.7	11.1	9.9	6.9	5.5	4.4	3.8	6.8	7.5
1981	13.9	11.2	10.1	11.6	10.4	6.6	5.9	4.6	3.9	6.7	7.6
1982	16.7	12.9	13.1	14.1	13.9	9.7	8.5	6.2	7.7	12.2	11.0
1983	18.8	12.4	13.1	14.8	14.0	10.4	9.5	7.4	10.7	13.9	11.9
1984	20.4	12.9	13.0	14.9	12.9	9.0	8.4	7.9	11.1	14.8	11.3
1985	20.8	13.4	13.6	15.2	11.9	8.1	8.2	8.2	10.1	14.2	10.5
1986	19.2	13.5	13.1	14.3	11.0	7.0	7.7	7.7	9.9	12.5	9.6
1987	18.0	13.1	12.4	13.1	10.3	6.1	7.4	7.4	9.7	12.0	8.9
1988	16.4	12.9	10.2	12.0	9.4	5.0	7.9	7.5	8.1	10.3	7.8
1989	15.7	14.0	9.8	12.4	9.3	5.1	7.6	7.5	7.3	9.1	7.5
1990	17.0	14.9	10.5	12.1	10.2	6.3	7.3	7.0	7.0	8.4	8.1
1991	18.3	16.9	12.0	12.8	12.0	9.6	8.9	7.3	8.3	10.0	10.4
1992	20.2	17.9	13.2	12.8	12.8	10.9	9.7	8.2	9.5	10.5	11.3
1993	20.1	18.1	14.7	12.6	13.2	10.6	9.3	8.0	9.7	9.7	11.2
1994	20.4	17.1	13.3	12.4	12.2	9.6	9.2	7.0	8.6	9.4	10.4

^aUnadjusted series.

Note: Data from 1976 has been revised and is based on the 1991 Census.

Source: Statistics Canada Cat. No. 71-201, Labour Force Survey.

IV - 3. Employment in the Forest Industries by Sector^a, 1961-1993

Year	Wood industries						Paper and allied industries			Total forest industries	
	Logging	Sawmills and planing mills	Shingle and shake industry	Veneer and plywood industries	Sash, door, and other millwork industries	Other wood industries	Total	Pulp and paper mills	Other paper industries		Total
1961	..	46 688	..	..	..	35 397	82 085	63 789	34 503	98 292	..
1965	60 701	50 848	1 527	14 265	14 122	10 826	91 588	69 897	40 283	110 180	262 469
1970	52 230	48 776	1 450	12 259	15 432	9 912	87 829	80 371	40 709	121 080	261 139
1971	47 284	50 963	1 687	12 650	16 494	10 052	91 846	79 397	40 312	119 709	258 839
1972	47 553	57 111	1 798	13 664	19 547	10 579	102 699	78 969	41 789	120 758	271 010
1973	57 586	62 476	1 883	14 478	21 675	11 088	111 600	80 085	43 053	123 138	292 324
1974	59 491	58 346	1 540	13 291	22 214	11 229	106 620	86 203	45 072	131 275	297 386
1975	53 622	49 156	1 609	12 732	23 083	11 137	97 717	84 046	43 296	127 342	278 681
1976	49 878	56 408	1 813	13 003	24 224	10 730	106 178	86 995	43 212	130 207	286 263
1977	49 445	60 445	1 754	13 695	22 641	10 125	108 660	84 533	39 930	124 463	282 568
1978	53 753	66 457	2 159	14 067	25 468	10 853	119 004	85 601	41 182	126 783	299 540
1979	56 614	68 328	1 986	13 618	25 972	12 144	122 048	87 055	41 863	128 918	307 580
1980	54 370	66 278	2 034	12 363	24 866	11 766	117 307	86 872	43 438	130 310	301 987
1981	48 402	62 774	1 712	11 323	25 559	11 202	112 570	87 882	43 142	131 024	291 996
1982	40 156	53 698	1 421	10 344	21 294	10 293	97 050	83 104	34 565	117 669	254 875
1983	45 943	58 135	1 539	9 724	22 925	9 642	101 965	79 164	35 144	114 308	262 216
1984	48 022	58 767	1 648	9 174	22 740	10 612	102 941	79 404	36 395	115 799	266 762
1985	45 962	58 961	2 272	9 058	25 884	11 385	107 560	77 562	36 625	114 187	267 709
1986	45 760	56 688	2 550	8 780	30 692	12 256	110 966	79 570	37 493	117 063	273 789
1987	48 381	61 980	2 043	9 347	35 474	12 811	121 655	80 334	39 012	119 346	289 382
1988	47 144	61 694	1 914	9 305	37 781	13 240	123 934	81 058	40 017	121 075	292 153
1989	49 185	58 884	1 801	9 236	40 076	13 612	123 609	80 595	39 511	120 106	292 900
1990	43 786	53 294	1 843	8 698	38 904	12 751	115 490	77 768	37 408	115 176	274 452
1991	39 972	48 225	1 555	7 069	32 436	11 371	100 656	75 285	34 801	110 086	250 714
1992	41 561	52 031	1 804	7 728	31 309	10 714	103 586	69 689	35 319	105 008	250 155
1993p	41 850	56 091	1 954	8 099	32 545	11 272	109 961	68 053	33 873	101 926	253 737

^aExcluding working owners and partners.

Source : Statistics Canada Cat. No. 25-202, Survey of Manufactures.

Employment
Thousands of persons

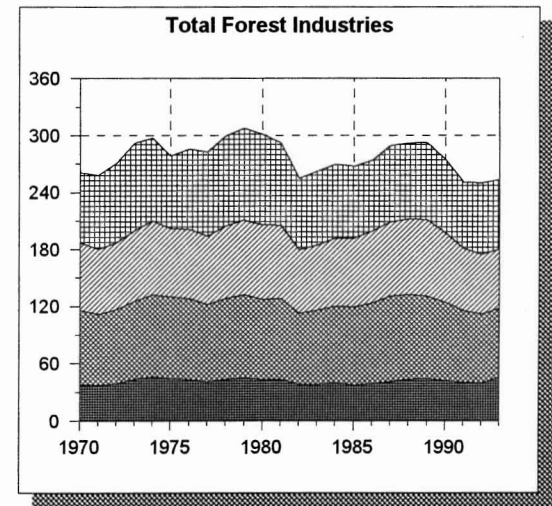
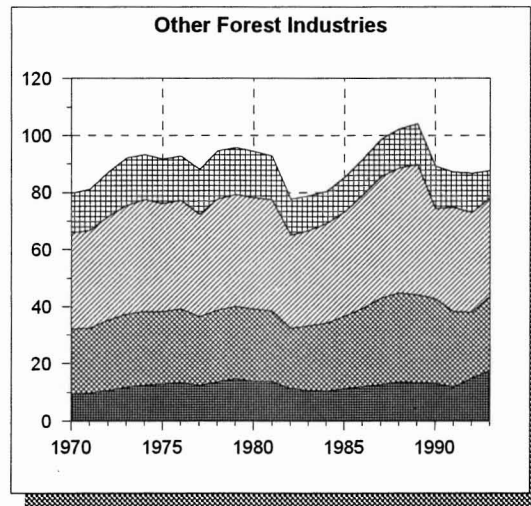
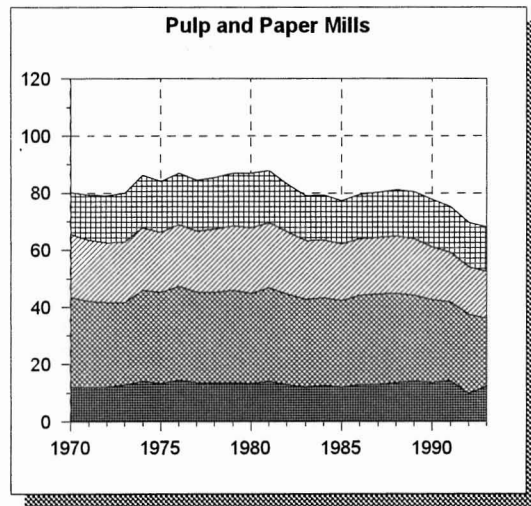
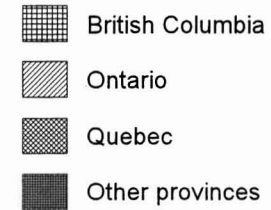
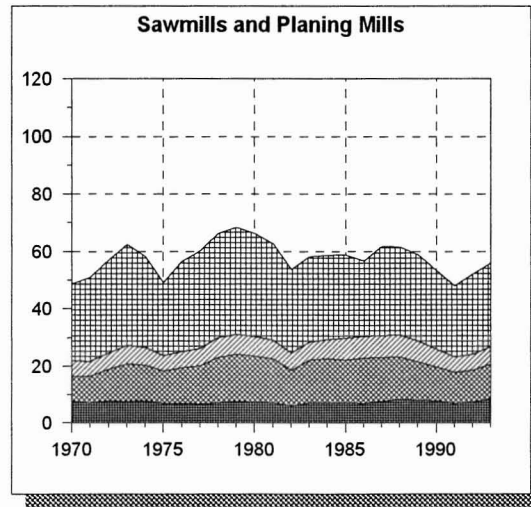
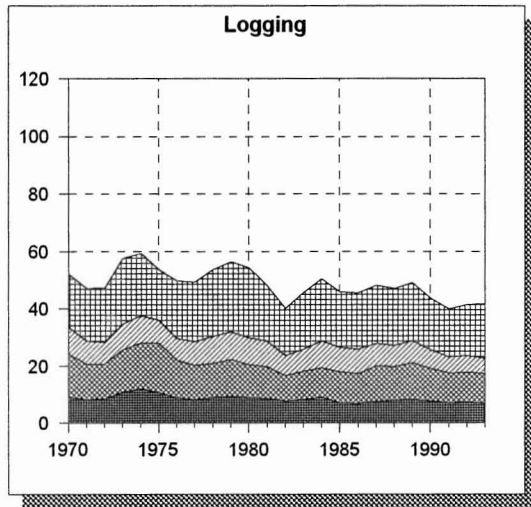


Figure 19. Employment in the forest industries by sector and region, 1970-1993.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

IV - 4. Employment by Forest Industry Sector and Province^a, 1975-1993

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada ^b
A. Logging											
1975	2 319	-	1 592	4 134	17 288	8 028	769	851	1 141	17 500	53 622
1980	x	x	1 083	4 140	11 575	9 578	527	605	1 020	24 270	54 370
1981	1 580	5	1 030	3 808	11 257	9 003	578	599	981	19 561	48 402
1982	1 614	12	1 021	3 188	8 994	7 079	449	575	853	16 371	40 156
1983	1 328	9	1 190	4 051	9 881	7 826	446	560	746	19 906	45 943
1984	1 241	11	1 244	3 217	10 504	9 326	554	617	722	20 586	48 022
1985	1 205	x	1 472	2 831	10 802	8 482	423	532	714	19 488	45 962
1986	1 067	18	1 246	2 970	10 363	8 527	352	506	863	19 848	45 760
1987	939	x	1 500	3 224	12 342	7 932	444	523	990	20 449	48 381
1988	1 008	25	1 403	3 614	11 734	7 566	445	379	1 092	19 871	47 144
1989	1 023	31	1 316	3 863	12 751	7 756	432	374	1 304	20 316	49 185
1990	1 031	35	1 238	3 271	11 464	6 485	457	322	1 367	18 106	43 786
1991	958	39	1 218	2 544	10 379	5 640	337	226	1 882	16 739	39 972
1992	889	18	1 334	2 437	10 382	5 959	359	412	1 864	17 898	41 561
1993p	906	74	1 220	2 057	10 298	5 550	342	435	1 977	18 979	41 850
B. Wood industries											
1975	482	x	2 210	3 838	23 959	19 284	1 957	1 593	5 614	38 655	97 717
1980	330	162	1 980	4 245	29 213	21 348	1 993	1 596	6 634	49 708	117 307
1981	334	128	1 802	3 956	27 976	20 970	2 158	1 620	6 904	46 627	112 570
1982	263	112	1 618	3 151	23 566	19 011	1 852	1 343	5 765	40 309	97 050
1983	380	139	1 879	3 510	27 367	19 562	2 010	x	5 418	40 392	101 965
1984	335	219	1 867	3 503	28 603	20 840	1 932	1 233	5 508	38 901	102 941
1985	445	208	1 995	3 764	29 588	23 207	2 104	1 260	5 386	39 603	107 560
1986	399	207	2 053	4 205	31 891	25 852	2 223	1 264	5 668	37 204	110 966
1987	472	235	2 145	4 441	34 250	28 040	2 211	1 354	6 082	42 425	121 655
1988	478	272	2 235	4 620	34 149	29 185	2 474	1 445	6 793	42 283	123 934
1989	454	233	2 209	4 555	32 146	30 655	2 411	1 446	7 084	42 416	123 609
1990	438	211	1 859	4 084	30 320	27 353	2 303	1 248	7 362	40 312	115 490
1991	500	158	1 467	3 695	26 790	22 866	1 969	1 065	6 584	35 562	100 656
1992	385	161	1 322	3 906	26 744	20 785	2 276	1 237	6 655	40 115	103 586
1993p	464	328	1 369	4 350	28 223	21 985	2 402	1 279	7 622	41 939	109 961

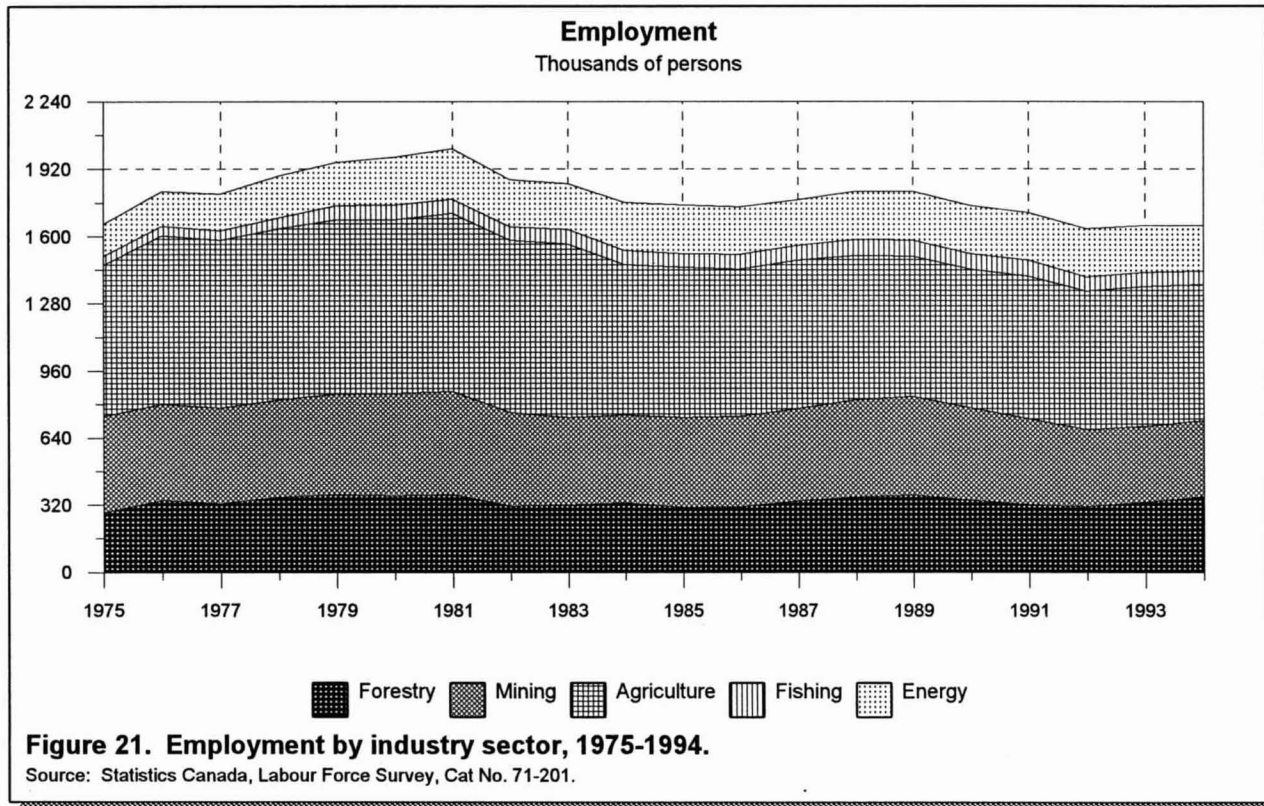
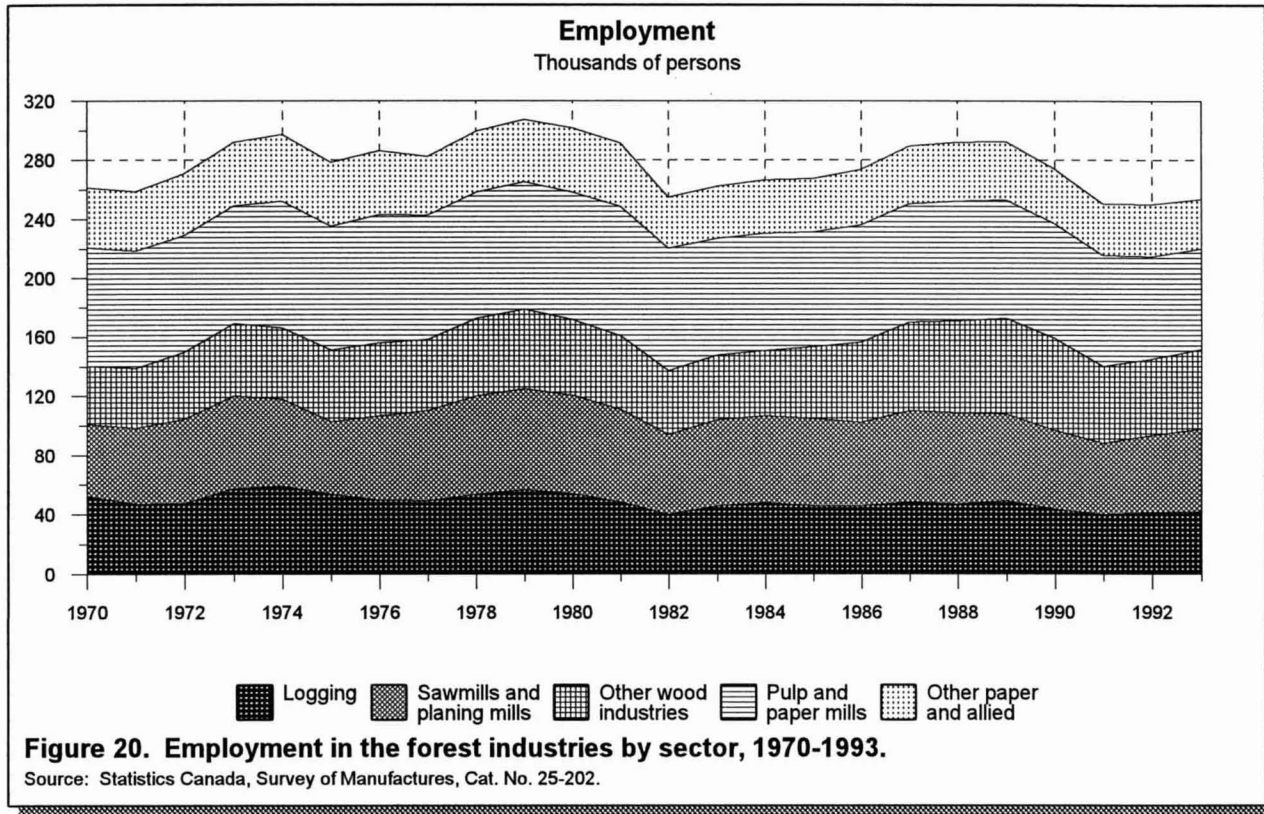
IV - 4. Employment by Forest Industry Sector and Province^a, 1975-1993 (concluded)

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada ^b
C. Paper and allied industries											
1975	x	-	3 309	5 898	44 695	45 178	2 284	x	2 208	20 225	127 342
1980	x	-	3 163	6 016	43 556	47 861	2 408	x	2 384	21 540	130 310
1981	x	-	3 340	x	45 011	47 381	2 361	x	2 499	20 660	131 024
1982	x	-	x	5 484	41 457	41 597	2 041	x	2 210	18 458	117 669
1983	x	-	2 877	5 143	40 829	41 001	1 859	x	2 239	17 390	114 308
1984	x	-	2 993	5 738	41 107	41 690	1 746	x	2 187	17 433	115 799
1985	x	-	3 102	5 609	41 231	40 990	1 526	x	2 264	16 850	114 187
1986	x	-	3 136	6 351	42 470	41 429	1 507	x	2 297	17 254	117 063
1987	x	-	3 244	6 125	43 259	42 316	1 682	x	2 361	17 662	119 346
1988	x	x	3 425	6 291	43 203	42 794	1 755	x	2 479	18 207	121 075
1989	x	x	3 355	6 173	42 056	42 333	1 797	x	2 717	18 643	120 106
1990	x	x	3 252	6 582	40 227	39 708	1 666	x	2 536	18 427	115 176
1991	x	x	3 141	6 362	38 174	36 691	1 597	x	3 580	17 775	110 086
1992	x	x	3 065	5 412	35 161	36 534	1 640	933	3 304	17 255	105 008
1993p	1 509	37	2 878	5 049	33 684	35 072	1 617	1 198	3 413	17 469	101 926
D. Forest industries											
1975	x	x	7 111	13 870	85 942	72 490	5 010	x	8 963	76 380	278 681
1980	x	x	6 226	14 446	84 344	78 787	4 928	x	10 038	95 518	301 987
1981	x	133	6 172	x	84 244	77 354	5 097	x	10 384	86 848	291 996
1982	x	124	x	11 823	74 017	67 687	4 342	x	8 828	75 138	254 875
1983	x	148	5 946	12 704	78 077	68 389	4 315	x	8 403	77 688	262 216
1984	x	230	6 104	12 458	80 214	71 167	4 232	x	8 417	76 920	266 762
1985	x	x	6 569	12 204	81 621	72 679	4 053	x	8 364	75 941	267 709
1986	x	225	6 435	13 526	84 724	75 808	4 082	x	8 828	74 306	273 789
1987	x	x	6 889	13 790	89 851	78 288	4 337	x	9 433	80 536	289 382
1988	x	x	7 063	14 525	89 086	79 545	4 674	x	10 364	80 361	292 153
1989	x	x	6 880	14 591	89 953	80 744	4 640	x	11 105	81 375	292 900
1990	x	x	6 349	13 937	82 011	73 546	4 426	x	11 265	76 845	274 452
1991	x	x	5 826	12 601	75 343	65 197	3 903	x	12 046	70 076	250 714
1992	x	x	5 721	11 755	72 287	63 278	4 275	2 582	11 823	75 268	250 155
1993p	2 879	439	5 467	11 456	72 205	62 607	4 361	2 912	13 012	78 387	253 737

^aSurvey of Manufactures.

^bIncluding Yukon and Northwest Territories.

Source : Statistics Canada Cat. No. 25-202.



SECTION V

SELLING PRICE INDEXES AND ANNUAL AVERAGE PRICES

The Industrial Product Price Indexes measure price changes for major commodities sold by Canadian manufacturers. Elemental indexes are calculated for 1314 Principal Commodity Group outputs as defined in the 1981 Input/Output (I/O) table. Weights used to aggregate commodity indexes are taken from the output or "Make" matrix of the I/O system which provides an integrated set of commodity values for all manufacturing industries.

About 10 000 prices are collected monthly from about 3 000 producers for goods sold which are valued at the boundary of the establishment, so that the cost of taxes collected at that point and transportation provided by public carriers beyond that point are excluded. Prices are reported in great detail for some transactions, enabling both the goods and the terms of sale to be identified. Such collections are instituted for important commodities. The sample size is increased where price movement has a regional aspect or where there are large flows of goods to export markets.

Sampling for the direct survey of an elemental indicator is usually done by a formal probability sampling procedure, wherein important producers are "must take" respondents and a random selection is made of the smaller producers. Such samples are redesigned according to a regular cycle as dictated by changes in the market. A given elemental indicator is usually supported by 12 to 15 price quotes, although some are derived from as few as 8 quotes or as many as 30 quotes.

The 1986 = 100 industry aggregation of elemental commodities can be directly related to the 1981 = 100 Industry Selling Price Indexes which are available from 1956 to 1990. Link factors, derived from the relationship of the two series in January 1986, were published in the July and December issues of Catalogue 62-011.

In 1988, the time series related to forest products have been modified to accommodate actual needs. The new time series are only available as of 1981.

V - 1. Selected Forest Industry Selling Price Indexes, 1956-1994 (1986 = 100)

Year	Wood industries				Paper and allied industries		All manufacturing industries
	Sawmills and planing mills	Shingle mills	Veneer and plywood mills	Total	Pulp and paper mills	Total	
1956	28.6	16.3	27.5	24.6	22.4	23.0	24.3
1960	27.1	14.9	24.2	24.0	22.8	23.5	25.3
1965	29.5	19.6	26.1	26.3	24.2	24.8	26.4
1970	32.1	24.1	29.3	30.7	26.8	27.8	30.1
1975	54.0	51.7	51.8	51.9	50.4	49.7	47.2
1976	60.6	66.0	55.1	57.5	51.1	50.9	49.6
1977	70.6	79.8	57.0	64.7	54.5	53.9	53.5
1978	85.8	92.2	71.7	77.2	57.7	56.9	58.4
1979	101.6	91.2	78.7	89.4	68.8	66.8	66.9
1980	90.0	88.6	77.3	83.9	80.0	77.2	75.8
1981	85.1	88.7	86.6	84.1	87.8	85.3	83.6
1982	83.8	85.0	80.7	83.7	88.9	88.1	89.2
1983	94.8	100.3	87.5	92.3	83.5	85.2	92.3
1984	90.4	105.5	84.4	90.5	95.2	94.8	96.5
1985	91.6	95.0	86.7	92.3	95.3	96.0	99.2
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	101.4	102.5	100.6	102.5	110.7	109.3	102.8
1988	103.3	118.2	99.1	104.4	122.3	119.8	107.2
1989	106.9	121.4	105.2	108.4	126.1	123.6	109.4
1990	104.8	129.0	101.4	107.8	123.3	121.6	109.7
1991	102.1	134.3	100.5	105.9	108.5	109.9	108.6
1992	114.1	176.2	108.3	114.7	103.1	105.7	109.1
1993	148.6	192.2	131.6	140.3	101.9	104.9	112.7
1994	169.6	184.3	146.7	157.0	114.8	115.7	119.2

Source: Statistics Canada Cat. No. 62-011.

V - 2. Selling Price Indexes - Lumber Products, 1981-1994 (1986 = 100)

Year	Softwood lumber by species						Softwood lumber market						
	Softwood lumber		Douglas-fir	Western red cedar	Spruce pine fir	North American	Overseas	Softwood lumber by region					
	Domestic	Export	B.C. Coast	B.C.	Canada	B.C. Coast	B.C. Coast	Atlantic	Que.	Ont.	Prairies	B.C.	
												Interior	Coast
1981	81.0	78.6	91.0	76.9	77.7	77.5	84.8	76.2	78.8	81.3	79.8	78.5	78.6
1982	79.9	75.9	84.5	81.0	73.3	79.7	82.9	71.8	75.7	77.5	74.5	74.8	79.0
1983	97.4	95.5	97.8	103.3	94.0	101.0	84.5	90.5	93.4	93.7	93.8	95.8	94.9
1984	94.1	87.3	92.7	100.1	86.0	94.0	82.9	91.4	89.4	92.2	87.0	86.4	89.0
1985	91.7	88.9	95.2	90.5	88.1	91.7	86.6	90.9	92.6	94.1	91.8	87.1	90.7
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	99.6	98.9	98.6	100.9	96.0	101.9	130.0	110.3	100.1	96.7	90.7	95.2	103.3
1988	102.8	99.9	108.6	107.4	91.5	106.2	158.2	101.4	95.5	89.6	86.0	93.8	111.9
1989	100.0	100.2	120.3	104.7	91.3	106.3	165.5	94.0	98.4	87.0	82.8	93.9	114.1
1990	96.4	98.3	117.4	106.6	88.7	108.5	156.9	91.4	95.9	82.1	81.9	91.3	113.0
1991	96.7	97.2	111.2	112.6	88.1	109.1	150.8	84.5	96.3	84.6	86.2	89.1	111.9
1992	105.5	117.2	127.4	148.9	102.5	136.9	166.6	89.6	104.9	101.7	101.5	106.1	135.3
1993	146.9	164.1	184.1	161.0	149.2	164.8	226.5	114.0	142.9	141.7	155.5	158.4	172.0
1994	174.5	187.1	205.7	171.9	176.3	178.4	254.7	141.3	170.6	160.8	186.1	183.3	192.4

Note: Prices are factory gate selling prices for goods of domestic production.

Source: Statistics Canada Cat. No. 62-011.

V - 3. Selling Price Indexes - Wood Pulp and Paper Products, 1981-1994 (1986 = 100)

Year	Wood pulp						Paper products					
	Total	Sulphite bleached		Sulphate bleached		Newsprint		Other paper for printing	Fine papers n.e.c.	Wrapping paper	Paperboard	Building board
		Domestic	Export	Domestic	Export	Domestic	Export					
1981	85.1	109.5	104.6	99.2	101.8	77.6	81.3	81.7	83.6	86.4	79.8	84.7
1982	88.1	101.1	96.7	94.3	95.3	84.9	85.1	86.4	88.5	91.4	84.2	90.0
1983	85.2	83.2	83.4	85.0	82.3	81.3	80.3	86.2	89.0	88.6	87.9	92.6
1984	94.9	100.3	101.5	103.5	104.2	89.3	89.1	93.0	96.0	92.9	96.0	95.1
1985	96.1	93.2	87.5	92.7	88.9	98.2	97.3	99.3	97.2	94.9	98.6	100.4
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	109.4	127.4	124.8	126.1	124.7	105.7	105.1	103.2	107.0	108.9	107.7	97.0
1988	119.8	144.9	144.7	148.1	145.7	118.1	111.8	113.7	116.7	118.2	115.3	96.5
1989	123.7	166.9	160.1	161.3	161.8	117.7	105.2	116.1	121.2	121.1	117.8	94.0
1990	121.6	150.3	145.7	153.2	152.2	120.3	104.6	114.8	118.5	119.6	112.5	93.8
1991	109.9	115.9	105.3	106.7	105.7	122.6	102.8	111.2	111.5	113.5	106.6	92.6
1992	105.5	x	x	102.9	106.8	108.9	90.8	106.3	108.1	109.2	104.9	90.7
1993	104.4	x	x	88.2	90.0	113.8	98.0	108.1	109.0	109.8	103.2	91.8
1994	115.1	x	x	112.2	119.4	117.7	104.8	112.1	113.7	113.9	112.3	96.0

Note: Prices are factory gate selling prices for goods of domestic production.

Source: Statistics Canada Cat. No. 62-011.

V - 4. Selling Price Indexes - Other Forest Products, 1981-1994 (1986 = 100)

Year	Wood chips	Shingles	Shakes	Veneer			Plywood			
				Birch	Other hardwoods	Softwoods	Birch	Other hardwoods	Douglas-fir	Other softwoods
1981	114.0	97.2	79.7	104.8	85.3	85.8	82.7	90.5	88.7	77.5
1982	120.9	95.3	73.9	93.6	87.8	79.1	84.1	85.6	80.0	68.5
1983	97.4	107.5	94.6	103.4	93.2	86.3	87.1	91.9	83.9	83.3
1984	100.4	112.2	100.4	105.3	96.5	85.5	95.0	97.8	78.9	73.9
1985	99.5	100.9	89.8	89.2	96.9	91.9	94.0	97.4	82.1	79.9
1986	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1987	112.8	105.9	99.3	111.8	103.5	103.1	100.0	106.9	95.7	97.7
1988	123.6	122.0	115.5	107.6	107.3	104.0	96.7	106.3	93.0	92.5
1989	142.3	128.1	115.9	103.6	111.6	x	96.0	103.6	102.0	105.6
1990	140.9	125.3	130.5	107.2	116.2	x	98.4	105.5	98.1	94.1
1991	131.8	131.9	135.6	98.6	120.9	x	103.0	105.6	98.6	96.2
1992	122.3	199.2	165.7	99.4	126.2	x	101.7	108.4	112.1	105.2
1993	115.5	224.6	176.5	107.9	131.8	x	111.2	120.2	139.3	135.9
1994	128.0	211.4	170.0	133.4	149.6	x	125.9	130.7	154.1	149.6

Note: Prices are factory gate selling prices for goods of domestic production.

Source: Statistics Canada Cat. No. 62-011.

V - 5. Annual Average Price Statistics for Selected Forest Products, 1970-1994

Lumber												
Kiln dried								Green				
Standard and better 2x4 Random 8/20'				Stud grade 2x4-8'				Standard and better 2x4 Random 8/20'		Stud 2x4-8'	Newsprint	Wood pulp
Prices net f.o.b. mills				Prices net				Prices net f.o.b. mills		Prices net	Average price	Price paid by contract buyers
Hemlock-fir		Delivered Great Lakes		Delivered Northeastern U.S.		Delivered Toronto	British Columbia to U.S.	Delivered Toronto	East Cost Transaction	Delivered U.S.		
Year	Douglas- fir	Western spruce- pine-fir	B.C.		Eastern spruce- pine-fir	Eastern spruce- pine-fir	Western spruce- pine-fir	Eastern spruce- pine-fir	Douglas- fir	Eastern spruce- pine-fir	Canadian newsprint ^a	Northern bleached softwood kraft
			Coast	Interior								
----- Per thousand board feet -----												
----- \$ U.S. -----								\$ CAN	\$ U.S.	\$ CAN	----- \$ U.S./t -----	
1970	85	71	..	79	..	..	66	..	75	..	168	..
1975	148	123	..	139	164	161	118	..	131	..	284	410
1976	178	151	..	171	198	190	147	..	154	..	314	405
1977	213	173	..	200	217	213	181	185	187	189	336	366
1978	241	209	..	235	252	244	199	243	213	219	353	336
1979	260	225	..	254	278	229	177	295	234	222	397	428
1980	209	168	..	202	232	211	152	240	181	207	455	519
1981	190	156	..	189	227	216	149	240	166	230	490	536
1982	167	140	162	175	211	199	129	233	144	208	457	496
1983	222	185	213	218	262	255	187	279	188	270	475	431
1984	202	154	186	191	238	234	158	266	159	255	510	513
1985	205	153	188	191	235	228	153	280	175	268	505	427
1986	215	184	206	215	269	232	157	324	180	282	525	461
1987	227	200	221	232	293	241	161	333	190	278	570	578
1988	233	186	220	227	277	254	171	295	193	274	608	713
1989	264	184	231	237	273	262	186	280	292	279	569	823
1990	242	186	219	230	273	245	173	272	293	243	554	787
1991	250	187	224	238	270	264	189	249	301	252	535	568
1992	294	231	260	283	308	312	246	276	346	285	434r	551
1993	418	332	366	400	404	395	343	376	459	367	459	445
1994	406	341	373	413	418	420	371	484	447	472	464e	535

^a The prices shown have been standardized to 30-lb newsprint.

Sources: *Random Lengths Yearbook*. Resource Information Systems Inc., *Pulp and Paper Review*. Pulp & Paper 1995 North American Fact Book.

SECTION VI

FINANCIAL STATISTICS AND ECONOMIC INDICATORS

- Capital and repair expenditures
- Contribution to Canadian Gross Domestic Product
- Corporate profits and profitability
- Economic indicators
- Income taxes

Gross Domestic Product

Since 1986, the gross domestic product (GDP) has replaced the gross national product (GNP) in table VI-6 as a measure of the Canadian collective income. This change is in accordance with the System of National Accounts of Statistics Canada and with the international practice recommended by the United Nations.

According to Statistics Canada, the GDP allows for a better analysis of the economic performance of the country as it measures the production originating in the country, whereas the GNP is adjusted for the flow of interests and incomes crossing the national border.

In tables VI-6, VI-7, VI-8 and VI-9, you will notice that the national GDP is shown to be greater than the sum of the provincial GDPs. This is mainly because the domestic territory of the country is defined to include embassies and military bases on foreign soil. Thus there is Canadian domestic production that does not occur within the geographic boundaries of any province or territory.

Statistics Canada's change of approach results in an upward revision of the aggregate estimations. New surveys and information sources have allowed re-examination of the data from 1961 until 1985. The major sources of change are: day care fees, unrecorded income in construction, indirect taxes and investment income of municipalities, and residential repairs.

More details are available from Statistics Canada, catalogue 13-001, first quarter 1986, and catalogue 13-213.

VI - 1. Corporate Profits and Profitability^a - Forest Industries^b, 1970-1991

Year	Wood industries			Paper and allied industries			Manufacturing industries		
	Before tax	After tax	Profitability	Before tax	After tax	Profitability	Before tax	After tax	Profitability
	\$000 000		%	\$000 000		%	\$000 000		%
1970	-13	-22	-0.6	229	155	3.7	2 899	1 662	5.5
1971	51	10	1.8	111	64	2.2	3 679	2 179	6.7
1972	189	90	6.0	139	65	2.4	4 361	2 590	7.5
1973	480	284	15.7	799	573	10.1	6 607	4 142	10.6
1974	188	94	6.2	1 337	852	12.2	8 697	5 272	11.6
1975	60	9	1.5	826	574	7.8	7 652	4 564	9.1
1976	206	94	5.1	573	343	5.4	7 367	4 542	8.5
1977	402	232	9.7	582	308	4.5	9 397	4 561	6.8
1978	750	474	15.7	1 191	817	8.9	10 085	6 492	9.7
1979	874	546	15.6	1 621	905	8.9	14 213	9 064	11.6
1980	380	242	6.4	2 465	1 604	13.0	15 109	9 498	10.6
1981	69	36	1.7	2 096	1 536	10.3	14 396	9 076	8.8
1982	-277	-190	-3.2	-39	28	1.4	4 910	2 844	3.4
1983	220	167	4.9	-25	32	1.1	8 796	5 715	5.7
1984	173	137	4.1	917	714	4.8	15 767	10 704	8.7
1985	413	318	7.3	778	446	3.2	14 371	9 172	6.9
1986	753	532	10.3	1 992	1 227	6.2	19 296	12 988	8.3
1987r	1 260	826	12.7	3 856	2 402	9.9	22 305	14 247	8.5
1991	-481	-540	..	-2 585	-2 719	..	..	..	..

^aProfitability as a measure of return on capital employed was obtained by dividing after-tax profits plus interest on long-term debt by capital employed.

^bThe industrial classification used after 1989 is the Standard Industrial Classification for Companies and Enterprises 1980 (SIC-C)

Note: Data not available to update table from 1988 to 1990.

Source: Statistics Canada Cat. No. 61-20, 61-219 and special compilation.

VI - 2. Corporate Income Taxes Paid by Forest Industries, 1970^a-1991
(Millions of dollars)

Year	Forestry			Wood industries			Paper and allied industries			Total		
	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total
1970	4.4	1.5	5.9	12.3	4.3	16.6	57.9	15.8	73.7	74.6	21.6	96.2
1971	4.3	1.7	6.0	21.3	6.8	28.1	45.1	12.7	57.8	70.7	21.2	91.9
1972	7.7	2.7	10.4	51.9	15.9	67.8	51.9	17.4	69.3	111.5	36.0	147.5
1973	14.4	5.0	19.4	94.1	35.0	129.1	107.0	39.8	146.8	215.5	79.8	295.3
1974	11.8	4.2	16.0	48.2	19.5	67.7	219.4	85.6	305.0	279.4	109.3	388.7
1975	7.0	2.9	9.9	38.6	16.2	54.8	108.8	44.3	153.1	154.4	63.4	217.8
1976	7.9	5.0	12.9	58.6	28.5	87.1	96.8	45.3	142.1	163.3	78.8	242.1
1977	10.5	7.1	17.6	79.5	38.5	118.0	97.1	45.8	142.9	187.1	91.4	278.5
1978	10.7	7.7	18.4	127.0	68.0	195.0	156.3	80.4	236.7	294.0	156.1	450.1
1979	24.4	14.9	39.3	161.6	86.8	248.4	298.7	160.6	459.3	484.7	262.3	747.0
1980	32.2	17.8	50.0	67.9	39.3	107.2	331.4	176.4	507.8	431.5	233.5	665.0
1981	13.2	9.0	22.2	45.5	25.4	70.9	201.9	110.9	312.8	260.6	145.3	405.9
1982	10.3	5.8	16.1	27.4	12.0	39.4	73.1	41.1	114.2	110.8	58.9	169.7
1983	12.3	7.1	19.4	45.3	20.1	65.4	60.5	34.9	95.4	118.1	62.1	180.2
1984	15.7	8.7	24.4	37.5	21.1	58.6	87.0	72.2	159.2	140.2	102.0	242.2
1985	15.5	9.0	24.5	40.9	27.0	67.9	118.1	89.9	208.0	174.5	125.9	300.4
1986	16.7	11.2	27.9	71.8	47.5	119.3	136.3	123.0	259.2	224.8	181.7	406.3
1987r	22.2	14.5	36.4	127.3	80.2	207.5	254.2	190.3	444.6	403.7	285.0	688.5
1991	19.0	12.0	31.0	39.0	20.0	59.0	90.0	44.0	134.0	148.0	76.0	224.0

^aThe industrial classification used after 1989 is the Standard Industrial Classification for Companies and Enterprises 1980 (SIC-C).

Note: Data not available to update table from 1988 to 1990.

Source: Statistics Canada Cat. No. 61-208, 61-208P and special compilation.

VI - 3. Provincial Allocation of Taxable Income by Forest Industry Sector^a and Province, 1970-1991

(Thousands of dollars)

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other ^a	Canada
A. Forestry													
1970	x	-	155	344	866	832	x	x	x	18 603	-	x	21 454
1975	108	-	545	834	x	2 105	x	224	x	22 015	x	-	28 942
1980	434	-	3 512	1 963	12 282	11 374	x	x	2 798	114 621	x	x	147 949
1981	481	-	2 713	2 197	11 658	8 525	x	908	x	54 577	x	197	84 185
1982	604	x	1 372	2 189	14 358	9 983	x	759	2 313	42 889	x	x	75 200
1983	570	x	1 101	x	17 516	11 600	471	938	x	59 001	x	x	98 463
1984	526	x	3 318	4 955	29 531	17 780	482	x	x	63 791	x	x	125 607
1985	703	x	2 993	5 532	36 585	17 139	489	x	3 927	63 151	x	x	132 406
1986	806	x	3 767	6 116	38 040	20 842	543	1 756	5 433	69 075	x	x	146 624
1987r	1 632	x	5 554	6 581	51 113	24 445	396	2 004	x	89 177	x	1 673	189 176
1988	x	x	6 205	7 219	49 512	20 744	x	x	7 565	89 471	x	x	185 813
1989	1 358	x	19 473	8 969	50 503	18 139	x	x	7 689	72 802	x	1 016	183 497
1990	x	x	6 327	7 809	47 400	17 928	x	x	9 127	72 844	x	x	167 941
1991	1 193	26	6 243	8 106	39 657	17 903	360	4 149	8 864	62 140	55	712	149 408
B. Wood industries													
1970	x	x	835	722	10 746	10 789	399	361	4 089	11 323	-	-	39 326
1975	x	421	3 672	4 442	29 039	32 336	2 085	4 612	10 903	62 144	-	x	150 364
1980	253	116	x	3 647	62 435	57 150	2 856	3 399	15 243	170 238	x	x	318 650
1981	265	93	1 909	2 781	44 300	58 474	3 683	2 807	12 833	80 440	-	x	207 635
1982	250	78	2 004	2 425	38 123	46 402	3 130	1 522	8 654	31 228	x	x	133 859
1983	296	303	3 382	x	83 914	58 587	6 653	6 237	6 909	64 391	x	x	236 027
1984	400	x	4 951	10 597	108 098	67 429	6 872	5 621	8 722	57 861	x	x	270 794
1985	576	x	5 608	5 810	104 167	74 924	6 546	6 338	11 182	92 700	x	x	308 054
1986	412	98	7 626	14 667	128 834	92 156	7 242	4 479	15 385	197 373	x	x	468 385
1987r	x	147	8 808	19 573	163 561	127 786	10 029	5 733	23 754	360 726	x	368	721 424
1988	x	32	32 060	23 705	196 035	255 674	6 478	7 530	35 341	524 276	x	1 037	1 083 051
1989	480	x	5 475	17 546	123 891	146 201	6 543	7 585	27 432	453 187	-	x	789 127
1990	721	140	x	11 790	78 237	78 260	4 270	1 478	19 427	113 434	-	x	312 241
1991	1 559	442	4 248	9 401	94 386	55 558	7 130	3 531	25 017	62 321	452	1 660	265 705

VI - 3. Provincial Allocation of Taxable Income by Forest Industry Sector^a and Province, 1970-1991 (concluded)

(Thousands of dollars)

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other ^b	Canada
C. Paper and allied industries													
1970	94	-	3 803	2 438	25 414	58 362	4 696	239	8 316	42 877	-	40	146 279
1975	14 706	x	35 107	16 689	154 556	107 563	3 578	639	32 969	20 936	x	x	387 540
1980	55 351	x	100 660	40 659	486 492	409 936	9 395	34 455	54 367	184 971	-	x	1 378 262
1981	51 926	x	67 579	21 207	207 481	365 371	8 815	5 789	39 790	64 293	x	x	837 138
1982	2 351	-	29 912	4 868	139 913	108 618	6 685	x	33 316	10 054	x	x	336 566
1983	1 992	-	10 937	7 243	112 398	174 776	7 671	775	21 222	9 989	-	-	347 003
1984	x	x	34 950	22 044	263 014	288 279	10 494	1 878	43 906	20 419	-	x	697 628
1985	22 743	x	15 285	15 134	349 805	390 959	x	2 620	33 231	22 387	-	x	868 384
1986	17 234	x	37 681	15 305	400 906	439 462	14 600	x	54 266	127 301	-	545	1 110 172
1987r	x	x	80 458	45 432	543 714	631 951	18 461	3 851	79 923	224 482	-	552	1 651 526
1988	x	x	92 512	94 090	552 780	403 953	8 490	2 464	67 221	307 253	-	280	1 540 933
1989	x	x	107 554	56 554	362 788	400 753	5 049	829	33 565	197 956	-	x	1 178 278
1990	303	x	20 621	44 886	151 300	190 274	2 158	x	25 192	73 258	-	-	525 758
1991	787	x	2 716	6 933	95 404	180 746	4 522	1 194	24 525	17 947	532	x	335 446
D. Forest industries													
1970	x	x	4 793	3 504	37 026	69 983	5 095	600	12 405	72 803	-	40	206 343
1975	14 814	x	39 324	21 965	x	142 004	x	5 475	x	105 095	x	x	566 846
1980	56 038	x	x	46 269	561 209	478 460	x	x	72 408	469 830	x	201	1 844 861
1981	52 672	x	72 201	26 185	263 439	432 370	x	9 504	x	199 310	x	247	1 128 958
1982	3 205	x	33 288	9 482	192 394	165 003	9 815	x	44 283	84 171	x	x	545 625
1983	2 858	x	15 420	x	213 828	244 963	14 795	7 950	x	133 381	x	277	681 493
1984	x	x	43 219	37 596	400 643	373 488	17 848	x	x	142 071	x	x	1 094 029
1985	24 022	x	23 886	26 476	490 557	483 022	x	x	48 340	178 238	x	165	1 308 844
1986	18 452	x	49 074	36 088	567 780	552 460	22 385	6 235	75 084	393 749	x	x	1 725 181
1987r	x	x	94 820	71 586	758 388	784 182	28 886	11 588	x	674 385	x	2 593	2 562 126
1988	x	x	130 777	125 014	798 327	680 371	x	x	110 127	921 000	x	x	2 809 797
1989	x	x	132 502	83 069	537 182	565 093	x	x	68 686	723 945	x	x	2 150 902
1990	x	x	x	64 485	276 937	286 462	x	x	53 746	259 536	x	x	1 005 940
1991	3 539	x	13 207	24 440	229 447	254 207	12 012	8 874	58 406	142 408	1 039	x	750 559

^a The industrial classification used after 1989 is the Standard Industrial Classification for Companies and Enterprises 1980 (SIC-C)

^b Other: Including other jurisdictions.

Note: Data not available to update table to 1994

Source: Statistics Canada Cat. No. 61-208, 61-208P and special compilation.

VI - 4. Capital and Repair Expenditures by Forest Industries, 1950-1993

(Millions of dollars)

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairies	Total*
A. Logging industry						
1960	23.8	16.3	48.1	10.4	3.8	102.4
1970	28.5	26.5	103.3	10.7	3.5	172.5
1975	74.7	59.7	179.7	23.3	21.7	359.1
1976	57.9	54.7	231.2	22.5	15.7	382.0
1977	56.6	73.5	265.3	22.6	21.5	439.5
1978	66.4	80.0	307.5	22.3	26.3	502.5
1979	94.5	97.3	343.0	26.0	28.3	589.1
1980	107.0	126.4	401.0	33.9	40.7	709.0
1981	106.2	139.1	294.9	36.4	41.0	617.6
1982	68.8	81.6	205.9	21.3	25.3	402.9
1983	67.3	97.8	274.9	17.1	15.8	472.9
1984	74.9	120.4	307.8	19.5	18.7	541.3
1985	68.7	123.2	283.4	33.3	20.3	528.9
1986	60.2	127.7	287.2	33.2	20.1	528.4
1987	63.2	111.6	324.0	38.6	25.7	563.1
1988	79.9	117.1	338.3	42.1	24.6	602.0
1989	85.2	120.1	368.9	39.7	27.7	641.6
1990	77.3	123.3	322.7	33.5	28.8	585.6
1991 ^r	45.1	60.6	141.8	..	..	285.8
1992	30.5	68.7	182.6	..	..	312.7
1993 ^b	36.1	64.9	235.3	..	..	372.8
B. Wood industries						
1950	..	10.1	28.1	..	..	54.2
1960	10.5	11.9	46.4	3.1	3.7	75.6
1970	25.8	30.3	139.9	9.4	18.9	224.3
1975	76.1	80.5	183.3	26.3	42.6	408.9
1976	67.9	58.6	225.0	28.7	64.9	445.1
1977	66.8	59.0	286.7	18.5	34.9	466.1
1978	66.5	69.8	390.8	26.2	37.5	590.9
1979	89.4	80.3	466.0	19.4	61.4	716.5
1980	108.6	104.7	508.1	21.6	53.1	796.1
1981	87.7	101.7	469.5	14.2	71.4	744.5
1982	150.6	80.0	295.0	9.7	51.1	586.4
1983	120.0	85.8	329.4	13.8	71.8	620.8
1984	115.2	105.8	403.3	23.7	52.7	700.7
1985	151.0	94.2	402.3	15.9	60.1	723.9
1986	142.6	111.3	453.2	17.3	136.2	861.0
1987	157.9	195.1	738.9	32.8	115.3	1 240.4
1988	233.6	252.3	852.4	28.4	131.9	1 498.6
1989	230.8	217.0	702.2	37.8	102.8	1 290.6
1990	202.7	156.9	830.7	60.2	152.5	1 403.0
1991 ^r	256.3	154.7	558.1	..	..	1 131.9
1992	244.9	138.3	596.7	..	..	1 175.0
1993 ^b	283.5	147.2	752.8	..	..	1 475.6

VI - 4. Capital and Repair Expenditures by Forest Industries, 1950-1993 (concluded)

(Millions of dollars)

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairies	Total ^a
C. Paper and allied industries						
1950	45.1	44.3	33.0	.. ^c	15.8	138.2
1960	95.2	64.9	56.3	47.7	5.2	269.4
1970	152.1	162.5	192.7	191.0	60.1	758.4
1975	308.8	282.6	199.4	110.5	53.4	954.7
1976	336.2	392.4	264.4	123.8	70.0	1 186.8
1977	371.7	385.2	316.6	145.6	70.3	1 289.4
1978	390.7	289.3	339.0	157.2	84.3	1 260.5
1979	434.4	404.8	391.2	234.6	85.9	1 550.9
1980	580.7	530.7	692.5	265.9	82.4	2 152.2
1981	724.6	898.7	964.9	385.1	112.3	3 085.6
1982	724.0	810.0	674.6	479.0	88.9	2 776.5
1983	651.5	493.3	305.7	349.2	89.1	1 888.8
1984	752.7	608.7	454.3	274.6	105.2	2 195.5
1985	994.8	908.8	534.1	566.3	166.4	3 170.4
1986	1 408.0	676.8	553.0	504.2	126.6	3 268.6
1987	1 599.7	778.7	993.9	482.9	293.7	4 148.9
1988	1 477.3	1 026.9	1 397.8	790.3	731.1	5 423.4
1989	1 949.3	1 450.3	2 068.6	978.8	1 050.3	7 497.3
1990	1 721.1	1 214.3	2 202.3	460.5	822.1	6 420.3
1991 ^r	1 460.6	928.3	1 930.0	..	..	5 454.8
1992	971.4	896.7	1 290.9	..	..	4 379.7
1993 ^p	873.2	842.3	1 232.3	..	..	3 919.7
D. Forest industries						
1960	129.5	93.1	150.8	61.2	12.7	447.3
1970	209.1	219.3	435.9	211.1	82.5	1 155.2
1975	459.6	422.8	562.4	160.1	117.7	1 722.6
1976	462.0	505.7	720.6	175.0	150.6	2 013.9
1977	495.1	517.7	868.6	186.7	126.7	2 194.8
1978	523.6	439.1	1 037.3	205.7	148.1	2 353.8
1979	618.3	582.4	1 200.2	280.0	175.6	2 856.5
1980	796.3	761.8	1 601.6	321.4	176.2	3 657.3
1981	918.5	1 139.5	1 729.3	435.7	224.7	4 447.7
1982	943.4	971.6	1 175.5	510.0	165.3	3 765.8
1983	838.8	676.9	910.0	380.1	176.7	2 982.5
1984	942.8	834.9	1 165.4	317.8	176.6	3 437.5
1985	1 214.5	1 126.2	1 219.8	615.5	246.8	4 423.2
1986	1 610.8	915.8	1 293.4	554.7	282.9	4 658.0
1987	1 820.8	1 085.4	2 056.8	554.3	434.7	5 952.4
1988	1 790.8	1 396.3	2 588.5	860.8	887.6	7 524.0
1989	2 265.3	1 787.4	3 139.7	1 056.3	1 180.8	9 429.5
1990	2 001.1	1 494.5	3 355.7	554.2	1 003.4	8 408.9
1991 ^r	1 762.0	1 143.6	2 629.9	..	..	6 872.5
1992 ^p	1 246.9	1 103.7	2 070.2	..	..	5 867.4
1993 ^p	1 192.8	1 054.4	2 220.4	..	..	5 768.1

^aIncludes Northwest Territories and Yukon.^bPreliminary actual 1992, followed by revised intentions for 1993.^cIncluded in Prairie provinces.

Note: Data beginning in 1991 are not strictly comparable to historical series due to a change in estimation methodology and switch from 1970 SIC to 1980 SIC.

Source: Statistics Canada Cat. No. 25-202, 61-205, and 61-206.

VI - 5. General Economic Indicators by Quarter, 1985-1994

Year	Quarter	Gross domestic product* at 1986 prices percent change	Consumer price index (1986 = 100) percent change	Unemployment rate* (%)	Canadian dollar U.S. funds	Merchandise trade balance (\$000 000)	Prime rate (%)	Toronto Stock Exchange 300 (1975 = 1000)
1985	1	1.3	1.2	11.0	0.7389	+5 061	11.42	2 600.9
	2	0.3	1.1	10.6	0.7303	+4 142	10.58	2 694.7
	3	1.2	0.9	10.2	0.7353	+3 251	10.33	2 743.6
	4	2.3	0.9	10.1	0.7250	+3 938	10.00	2 810.9
1988	1	1.3	0.9	7.8	0.7890	+1 648	9.75	3 191.9
	2	1.4	1.3	7.7	0.8132	+2 994	10.42	3 343.5
	3	0.3	1.1	7.9	0.8201	+2 235	11.25	3 315.4
	4	0.7	0.8	7.7	0.8290	+2 040	11.92	3 360.1
1989	1	1.1	1.2	7.5	0.8390	+2 421r	12.83	3 589.0
	2	0.1	1.7	7.6	0.8381	+ 732r	13.50	3 698.7
	3	0.4	1.4	7.4	0.8458	+1 554r	13.50	3 974.7
	4	0.2	0.7	7.6	0.8558	+1 352r	13.50	3 943.7
1990	1	0.3	1.4	7.5	0.8457	+ 909r	14.00	3 676.9
	2	-0.4	0.9	7.6	0.8544	+2 255r	14.75	3 488.9
	3	-0.5	1.1	8.3	0.8672	+3 200r	14.25	3 355.6
	4	-1.3	1.4	9.2	0.8613	+2 333r	13.25	3 163.0
1991	1	-1.2	2.9	10.3	0.8652	+ 660r	11.58	3 410.3
	2	0.8	0.7	10.3	0.8704	+1 481r	10.08	3 493.6
	3	0.3	0.6	10.4	0.8745	+1 036r	9.67	3 481.8
	4	0.2	-0.1	10.5	0.8814	+ 439r	8.08	3 492.2
1992	1	0.0	0.4	11.0	0.8496	+1 159r	7.75	3 530.1
	2	0.2	0.5	11.3	0.8374	+1 370r	7.42	3 377.1
	3	0.1	0.4	11.5	0.8323	+1 170r	6.50	3 381.4
	4	0.1	0.4	11.5	0.7925	+2 501r	8.25	3 323.1
1993	1	1.0	0.7	11.1	0.7926	+2 422	6.42	3 453.2
	2	0.8	0.2	11.4	0.7872	+2.289	6.00	3 879.5
	3	0.4	0.4	11.4	0.7669	+2 311	5.75	4 031.8
	4	0.9	0.5	11.1	0.7547	+2 301	5.58	4 252.4
1994	1	1.3	-0.5	11.0	0.7457	+1 867	5.75	4 436.1
	2	1.4	-0.4	10.6	0.7234	+2 828	7.17	4 206.4
	3	1.4	0.5	10.2	0.7292	+4 853	7.25	4 294.2
	4	1.2	0.3	9.7	0.7311	+5 499	7.33	4 199.6

*Seasonally adjusted at annual rates.

Source: Statistics Canada Cat. No. 13-001, 13-004, 13-007, and 11-010.

VI - 6. General Economic Indicators, 1970-1994

Year	G.D.P. ^a at market price		G.D.P. in constant 1986 dollars		Implicit price index		Consumer price index		Unemployment rate (%)	Canadian dollar in U.S. funds	Merchandise trade balance (\$000 000)	Prime rate (%)	Conventional 5-yr mortgage rate (%)
	Value (\$000 000)	Percent change	Value (\$000 000)	Percent change	(1986 = 100)	Percent change	(1986 = 100)	Percent change					
1970	89 116	7.3	271 372	2.6	32.8	4.6	31.0	3.3	5.7	0.9579	+ 2 951	8.17	10.45
1971	97 290	9.2	286 998	5.8	33.9	3.4	31.9	2.9	6.2	0.9903	+ 2 468	6.48	9.43
1972	108 629	11.7	303 447	5.7	35.8	5.6	33.4	4.7	6.2	1.0096	+ 1 951	6.00	9.21
1973	127 372	17.3	326 848	7.7	39.0	8.9	36.0	7.8	5.6	0.9999	+ 2 923	7.65	9.59
1974	152 111	19.4	341 235	4.4	44.6	14.4	39.9	10.8	5.3	1.0225	+ 1 834	10.75	11.24
1975	171 540	12.8	350 113	2.6	49.0	9.9	44.2	10.8	6.9	0.9830	- 345	9.42	11.43
1976	197 924	15.4	371 688	6.2	53.3	8.8	47.5	7.5	7.1	1.0141	+ 1 559	10.04	11.78
1977	217 879	10.1	385 122	3.6	56.6	6.2	51.3	8.0	8.1	0.9403	+ 2 973	8.50	10.36
1978	241 604	10.9	402 737	4.6	60.0	6.0	55.9	9.0	8.3	0.8770	+ 4 314	9.69	10.59
1979	276 096	14.3	418 328	3.9	66.0	10.0	61.0	9.1	7.4	0.8536	+ 4 425	12.90	11.17
1980	309 891	12.2	424 537	1.5	73.0	10.6	67.2	10.2	7.5	0.8553	+ 8 778	14.25	14.52
1981	355 994	14.9	440 127	3.7	80.9	10.8	75.5	12.4	7.5	0.8341	+ 7 292	19.29	18.38
1982	374 442	5.2	425 970	-3.2	87.9	8.7	83.7	10.9	11.0	0.8106	+ 17 654	15.81	18.04
1983	405 717	8.4	439 448	3.2	92.3	5.0	88.5	5.7	11.8	0.8114	+ 17 458	11.17	13.23
1984	444 735	9.6	467 167	6.3	95.2	3.1	92.4	4.4	11.2	0.7722	+ 19 837	12.06	13.58
1985	477 988	7.5	489 437	4.8	97.7	2.6	96.0	3.9	10.5	0.7323	+ 16 392	10.58	12.13
1986	505 666	5.8	505 666	3.3	100.0	2.4	100.0	4.2	9.6	0.7197	+ 9 944	10.52	11.21
1987	551 597	9.1	526 730	4.2	104.7	4.7	104.4	4.4	8.9	0.7542	+ 11 222	9.52	11.16
1988	605 906	9.8	552 958	5.0	109.6	4.7	108.6	4.0	7.8	0.8125	+ 8 917	10.83	11.65
1989	650 748r	7.4	566 486r	2.4	114.9	4.8	114.0	5.0	7.5	0.8446	+ 6 059	13.33	12.06
1990	669 467	2.9	565 155r	-0.2	118.5	3.1	119.5	4.8	8.1	0.8571	+ 8 697	14.06	13.35
1991	676 477	1.0	555 052r	-1.8	121.9	2.9	126.2	5.6	10.4	0.8728	+ 3 616	9.94	11.13
1992	690 122	2.0	559 305r	0.8	123.4	1.2	128.1	1.5	11.3	0.8273	+ 6 200	7.48	9.51
1993	712 855	3.3	571 722	2.2	124.7	1.1	130.4	1.8	11.3	0.7750	+ 9 323	5.94	8.78
1994	750 053	5.2	597 936	4.6	125.4	0.6	130.7	0.2	10.4	0.7323	+ 15 047	6.88	9.53

^aGross domestic product.

Sources: Statistics Canada Cat. No. 13-001, 62-010, 67-001, 71-001, and *Bank of Canada Review*.

VI - 7. Relation Between Gross Domestic Product (G.D.P.) at Market Price and G.D.P. at Factor Cost, 1970-1994
(Millions of dollars)

Year	G.D.P. at market price	Deduct: indirect taxes less subsidies	Deduct: statistical discrepancy	Equals: G.D.P. at factor cost
1970	89 116	11 095	684	77 337
1971	97 290	12 053	792	84 445
1972	108 629	13 627	147	94 855
1973	127 372	15 311	14	112 047
1974	152 111	17 867	- 590	134 804
1975	171 540	17 087	98	154 363
1976	197 924	20 992	- 141	177 073
1977	217 879	23 188	1 109	193 582
1978	241 604	24 819	- 59	216 844
1979	276 096	26 635	- 199	249 660
1980	309 891	27 272	45	282 574
1981	355 994	36 457	173	319 364
1982	374 442	38 908	350	335 184
1983	405 717	40 135	2 247	363 335
1984	444 735	42 714	863	401 158
1985	477 988	47 212	44	430 732
1986	505 666	53 827	809	451 030
1987	551 597	59 719	1 710	490 168
1988	605 906	67 790	- 1 987	540 103
1989	650 748	76 214	- 201	574 735
1990	669 467	76 662	1 244	591 561
1991	676 477	79 878	1 179	595 420
1992	690 122	84 389	1 883	603 850
1993	712 855	88 731	2 668	621 456
1994	750 053	93 527	1 193	655 333

Source: Statistics Canada Cat. No. 11-010.

VI - 8. Direct Contribution of Forest Industries to Canadian Gross Domestic Product (G.D.P.) at Factor Cost^a, 1970-1994 (1986 Prices)

Year	Total economy	Forestry services		Logging		Wood industries		Paper and allied industries		Total forest industries	
	\$000 000	\$000 000	%	\$000 000	%	\$000 000	%	\$000 000	%	\$000 000	%
1970	252 298.7	275.5	0.1	1 798.0	0.7	2 483.1	1.0	6 533.5	2.6	11 090.1	4.4
1971	267 059.6	318.3	0.1	1 764.4	0.7	2 543.4	1.0	6 443.3	2.4	11 069.4	4.1
1972	282 176.2	301.5	0.1	1 903.9	0.7	2 572.5	0.9	7 009.6	2.5	11 787.5	4.2
1973	304 410.0	266.6	0.1	2 130.0	0.7	2 833.3	0.9	7 578.1	2.5	12 808.0	4.2
1974	315 620.6	272.3	0.1	2 140.4	0.7	2 938.8	0.9	8 202.9	2.6	13 554.4	4.3
1975	320 034.7	300.4	0.1	1 726.5	0.5	2 610.8	0.8	5 838.3	1.8	10 476.0	3.3
1976	339 251.3	317.6	0.1	1 871.8	0.6	3 165.7	0.9	7 205.1	2.1	12 560.2	3.7
1977	350 145.5	328.2	0.1	2 012.9	0.6	3 513.0	1.0	7 117.8	2.0	12 971.9	3.7
1978	361 078.0	339.6	0.1	2 235.0	0.6	3 524.0	1.0	7 867.9	2.2	13 966.5	3.9
1979	375 111.8	348.6	0.1	2 212.7	0.6	3 535.2	0.9	7 768.1	2.1	13 864.6	3.7
1980	381 991.8	351.3	0.1	2 248.1	0.6	3 768.2	1.0	7 609.7	2.0	13 977.3	3.7
1981	397 089.7	346.3	0.1	2 195.1	0.6	3 620.6	0.9	7 308.5	1.8	13 470.5	3.4
1982	382 574.9	327.3	0.1	1 834.3	0.5	2 928.8	0.8	6 263.7	1.6	11 354.1	3.0
1983	394 995.1	339.8	0.1	2 419.9	0.6	3 620.1	0.9	7 011.7	1.8	13 391.5	3.4
1984	418 716.6	321.9	0.1	2 720.2	0.6	4 061.0	1.0	7 264.8	1.7	14 367.9	3.4
1985	438 450.0	343.1	0.1	2 635.3	0.6	4 611.9	1.1	7 171.1	1.6	14 761.4	3.4
1986	451 839.3	350.9	0.1	2 691.0	0.6	4 625.6	1.0	7 556.6	1.7	15 224.1	3.4
1987	471 519.6	361.8	0.1	3 008.2	0.6	5 338.9	1.1	8 012.8	1.7	16 721.7	3.5
1988	492 587.2	360.3	0.1	3 044.2	0.6	5 442.4	1.1	8 042.4	1.6	16 889.3	3.4
1989	505 049.8	381.0	0.1	3 128.8	0.6	5 337.2	1.1	7 740.0	1.5	16 587.0	3.3
1990r	503 660.7	347.6	0.1	2 865.2	0.6	4 897.7	1.0	7 483.6	1.5	15 594.1	3.1
1991r	494 543.9	371.2	0.1	2 450.6	0.5	4 384.1	0.9	7 167.3	1.4	14 373.2	2.9
1992r	497 603.9	378.7	0.1	2 449.1	0.5	4 730.5	1.0	7 198.7	1.4	14 757.0	3.0
1993r	510 615.4	400.2	0.1	2 604.7	0.5	5 022.5	1.0	7 434.9	1.5	15 462.3	3.0
1994	532 950.7	394.3	0.1	2 738.9	0.5	5 187.8	1.0	7 763.1	1.5	16 084.1	3.0

^aG.D.P. at factor cost in 1986 prices is a summation of all industries and there are no adjustments for the statistical discrepancy.

Source: Statistics Canada Cat. No. 15-001.

VI - 9. Direct Contribution of Forest Industries to Canadian Gross Domestic Product (G.D.P.) by Province, 1991 and 1993

Province	Provincial G.D.P. at market prices	Indirect taxes	Subsidies	G.D.P. at factor cost*	Logging industry		Wood industries		Paper and allied industries		Forestry services		Total forest industries	
	\$000 000 (current \$)				\$000 000	%	\$000 000	%	\$000 000	%	\$000 000	%	\$000 000	%
A. G.D.P. at factor cost and forestry contribution - 1991														
Nfld.	9 154	1 424	223	7 953	61.1	0.8	14.4	0.2	x	x	x	..	x	x
P.E.I.	2 168	288	99	1 979	5.9	0.3	x	x	-	-	x	..	x	x
N.S.	17 395	2 450	228	15 173	113.1	0.8	31.4	0.2	161.2	1.1	x	..	305.7	2.0
N.B.	13 493	1 999	213	11 707	201.7	1.7	139.1	1.2	244.8	2.1	x	..	585.6	5.0
Que.	154 985	23 339	3 163	134 809	729.3	0.5	1 056.8	0.8	2 324.8	1.7	x	..	4 110.9	3.1
Ont.	277 449	39 430	3 382	241 401	447.9	0.2	735.2	0.3	2 110.4	0.9	x	..	3 293.5	1.4
Man.	22 841	3 365	988	20 464	22.7	0.1	69.4	0.3	78.7	0.4	x	..	170.8	0.8
Sask.	20 730	3 198	1 802	19 334	28.6	0.2	37.2	0.2	x	x	x	..	x	x
Alta.	71 520	7 673	2 220	66 067	158.2	0.2	328.3	0.5	305.6	0.5	x	..	792.1	1.2
B.C.	81 344	10 180	1 063	72 227	1 336.8	1.9	1 611.3	2.2	1 357.7	1.9	x	..	4 305.8	6.0
Total	674 766	93 518	13 533	594 781	3 107.2	0.5	4 028.2	0.7	6 739.3	1.1	407.0	0.1	14 281.7	2.4
B. G.D.P. at factor cost - 1993														
Nfld.	9 378	1 462	239	8 155	..	..	..	..	..	..	..	..	..	..
P.E.I.	2 349	313	86	2 122	..	..	..	..	..	..	..	..	..	..
N.S.	18 002	2 511	216	15 707	..	..	..	..	..	..	..	..	..	..
N.B.	14 659	2 376	202	12 485	..	..	..	..	..	..	..	..	..	..
Que.	160 818	24 002	2 897	139 713	..	..	..	..	..	..	..	..	..	..
Ont.	286 780	41 604	3 186	248 362	..	..	..	..	..	..	..	..	..	..
Man.	23 997	3 568	746	21 175	..	..	..	..	..	..	..	..	..	..
Sask.	23 185	3 541	775	20 419	..	..	..	..	..	..	..	..	..	..
Alta.	78 105	8 392	2 042	71 755	..	..	..	..	..	..	..	..	..	..
B.C.	92 127	12 516	1 069	80 680	..	..	..	..	..	..	..	..	..	..
Total	711 658	100 482	11 620	622 796	..	..	..	..	..	..	..	..	..	..

*G.D.P. at factor cost = G.D.P. at market prices + subsidies - indirect taxes.

Source: Statistics Canada Cat. No. 13-213 and 15-203.



SECTION VII

RELATED DATA

- **Housing starts**
- **Transportation**
- **Farm Woodlots**



VII - 1. Transport Statistics by Forest Products, 1992-1994

(Thousands of tonnes)

	Railways			Trucking		Marine traffic			Total
	Revenue freight loaded domestically onto railway cars in Canada			For hire		Cargo tonnes loaded	Tonnes loaded (exports)	Tonnes unloaded (imports)	
	1992	1993r	1994	1992						1993
Forest products									
Primary wood products	9 545	10 558	12 247	10 234	13 219	2 894	178	16 291	
Logs and bolts	1 665	2 171	2 510	1 973	6 210	1 432	133	7 775	
Pulpwood	575	355	285	..	7 009	1 462	45	8 516	
Wood chips	7 305	8 032	9 452	8 261	..	..	..	..
Other primary products	..	..	..	..	..	..	..	..
Wood-fabricated materials	10 129	11 300	11 762	4 618	234	5 709	23	5 966	
Lumber	8 433	9 279	9 666	4 178	234	5 709	23	5 966	
Other wood products	1 696	2 021	2 096	440	..	..	..	..
Wood pulp and paper products	12 436	13 388	14 336	2 533	657	9 426	325	10 408	
Wood pulp	7 650	7 768	8 792	..	308	5 225	74	5 607	
Newsprint	4 120	4 944	4 799	2 533	348	3 313	23	3 684	
Paperboard, pulpboard, fiberboard	666	676	745	..	1	888	228	1 117	
Total forest products	33 145	36 336	39 343	17 385	14 110	18 029	526	32 665	
Total products	224 014	224 380	252 949	123 108	50 378	152 556	71 598	274 532	
%	14.8	16.2	15.6	14.1	28.0	11.8	0.7	11.9	

Source: Statistics Canada Cat. No. 52-001, 53-222, and 54-205.

VII - 2. Dwelling Units^a Started by Province, 1950-1994

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
1950	2 090	333	2 705	2 323	7 451	28 515	33 430	4 072	2 904	8 623	15 599	7 536	92 531
1960	2 026	272	4 047	1 780	8 125	28 589	42 282	5 132	4 339	8 387	17 858	12 004	108 858
1970	2 636	784	5 878	3 182	12 480	47 118	76 675	8 945	1 743	16 251	26 939	27 316	190 528
1971	3 658	1 363	7 308	4 930	17 259	51 782	89 980	10 705	3 560	25 602	39 867	34 765	233 653
1972	3 901	1 079	5 164	6 358	16 502	55 746	102 933	12 068	4 845	22 503	39 416	35 317	249 914
1973	4 831	2 122	7 734	7 235	21 922	59 550	110 536	11 531	6 386	20 977	38 894	37 627	268 529
1974	4 911	1 334	6 008	5 861	18 114	51 642	85 503	8 752	7 684	19 008	35 444	31 420	222 123
1975	5 342	847	6 366	6 983	19 538	54 741	79 968	7 845	10 505	24 707	43 057	34 152	231 456
1976	5 709	842	7 470	6 772	20 793	68 748	84 682	9 339	13 143	38 771	61 253	37 727	273 203
1977	3 719	824	7 495	4 308	16 346	57 580	79 130	9 410	12 825	38 075	60 310	32 358	245 724
1978	2 865	1 210	4 853	5 167	14 095	43 671	71 710	12 121	9 527	47 925	69 573	28 618	227 667
1979	2 999	1 068	4 538	5 021	13 626	41 730	56 887	5 772	11 742	39 947	57 461	27 345	197 049
1980	3 848	475	3 895	2 646	10 864	29 186	40 127	2 597	6 250	32 031	40 878	37 546	158 601
1981	3 210	203	3 715	2 188	9 316	29 645	50 161	2 824	5 972	38 470	47 266	41 585	177 973
1982	2 793	248	3 691	1 680	8 412	23 492	38 508	2 030	6 822	26 789	35 641	19 807	125 860
1983	3 281	673	5 697	4 742	14 393	40 318	54 939	5 985	7 269	17 134	30 388	22 607	162 645
1984	2 720	643	4 598	2 873	10 834	41 902	48 171	5 308	5 221	7 295	17 824	16 169	134 900
1985	2 854	788	6 923	4 142	14 707	48 031	64 871	6 557	5 354	8 337	20 248	17 969	165 826
1986	2 883	1 110	7 571	4 045	15 609	60 348	81 470	7 699	5 510	8 462	21 671	20 687	199 785
1987	2 682	933	6 460	3 716	13 791	74 179	105 213	8 174	4 895	10 790	23 859	28 944	245 986
1988	3 168	1 151	5 478	3 621	13 418	58 062	99 924	5 455	3 856	11 360	20 671	30 487	222 562
1989	3 536	815	5 359	3 681	13 391	49 058	93 337	4 084	1 906	14 712	20 702	38 894	215 382
1990	3 245	762	5 560	2 683	12 250	48 070	62 649	3 297	1 417	17 227	21 941	36 720	181 630
1991	2 836	553	5 173	2 872	11 434	44 654	52 794	1 950	998	12 492	15 430	31 875	156 197
1992	2 271	644	4 673	3 310	10 898	38 228	55 772	2 310	1 869	18 573	22 752	40 621	168 271
1993	2 405	645	4 282	3 693	11 025	34 015	45 140	2 425	1 880	18 151	22 456	42 807	155 443
1994	2 243	669	4 748	3 203	10 863	34 154	46 645	3 197	2 098	17 692	22 987	39 408	154 057

^aDwelling unit is defined as a structurally separate set of living premises with a private entrance (excluding mobile dwellings).

Sources: Statistics Canada Cat. No. 64-002 and Canada Mortgage and Housing Corporation nation-wide survey.

VII - 3. Value of Building Construction in Canada^a, 1960-1993

(Millions of dollars)

Year	Residential			Industrial	Commercial	Institutional	Other	Total
	New	Repairs	Total					
1960	1 456	457	1 913	452	738	615	333	4 051
1970	3 138	871	4 009	1 000	1 287	1 330	473	8 098
1971	4 025	951	4 976	1 023	1 405	1 456	507	9 367
1972	4 820	1 051	5 871	927	1 706	1 249	575	10 328
1973	5 977	1 188	7 165	1 162	2 211	1 200	666	12 404
1974	7 010	1 451	8 461	1 556	2 969	1 383	877	15 246
1975	7 114	1 576	8 690	1 537	3 732	1 561	1 089	16 609
1976	10 853	1 817	12 669	1 479	3 628	1 594	1 101	20 471
1977	11 065	2 061	13 126	1 758	3 639	1 662	1 123	21 308
1978	11 451	2 329	13 780	1 586	3 876	1 682	1 310	22 234
1979	11 618	2 649	14 267	2 096	5 098	1 831	1 414	24 706
1980	11 010	2 862	13 872	3 025	5 912	2 171	1 560	26 540
1981	13 135	3 229	16 365	3 611	6 989	2 593	1 979	31 537
1982	10 148	3 433	13 581	3 044	7 063	3 092	2 062	28 843
1983	12 994	3 857	16 851	2 450	6 482	3 065	1 905	30 753
1984	12 580	4 067	16 647	2 708	7 129	2 924	2 003	31 412
1985	21 170	2 975	24 145	3 470	8 697	3 119	2 028	41 459
1986	25 764	3 121	28 885	3 201	10 119	3 565	1 656	47 427
1987	32 519	3 306	35 825	3 244	12 378	4 314	2 147	57 908
1988	34 917	4 019	38 936	3 842	14 116	4 540	2 452	63 885
1989	38 337	4 392	42 730	4 488	16 193	5 111	2 718	71 238
1990	36 973	4 038	41 012	4 344	16 574	5 536	2 581	70 047
1991	30 904	3 864	34 768	3 641	13 436	5 845	3 210	60 901
1992 ^b	33 246	4 069	37 315	2 777	11 185	5 964	2 707	59 948
1993 ^b	34 553	3 880	38 432	2 594	11 146	6 205	2 937	61 315

^aTotal value of construction work purchased by type of structure.^bPreliminary actual 1992, followed by revised intentions 1993

Source: Statistics Canada Cat. No. 64-201.

VII - 4. Farm Woodlots by Province, 1951-1991

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Farm woodlots in Canada	Total farm ^a	%
A. Area of farm woodlots (1 000 ha)															
1951	15	140	747	827	1 729	2 377	1 559	734	1 192	1 160	3 086	468	9 219	70 434	13.1
1961	8	120	552	498	1 178	1 822	1 318	603	888	866	2 357	305	6 980	69 829	10.0
1971	5	85	300	276	666	1 254	931	389	404	674	1 467	342	4 660	68 662	6.8
1976	8	75	262	227	572	1 160	833	376	415	709	1 500	302	4 367	68 427	6.4
1981	6	65	241	201	513	1 069	742	248	282	493	1 023	204	3 551	65 889	5.4
1986	5	61	201	184	451	1 030	588	124	153	289	566	155	2 789	67 826	4.1
1991	..	..	..	..	..	..	..	..	..	..	..	..	..	67 754	..
B. Number of farms reporting forest products sales^b															
1980	40	253	1 382	1 993	2 768	10 445	4 326	278	246	540	1 064	1 255	19 858	...	...
1985	31	161	1 015	886	2 093	9 386	3 331	198	164	359	721	989	16 520	...	...
1990	23	103	975	719	1 820	8 364	2 992	198	221	396	815	1 241	15 232	...	...
C. Value of sales (\$000)															
1980	92	363	4 726	4 332	9 513	23 975	11 957	1 080	993	2 542	4 615	14 928	64 988	...	...
1985	117	438	5 526	6 142	12 223	31 303	12 120	1 334	1 194	2 091	4 619	13 461	73 727	...	...
1990	52	516	6 892	5 041	12 501	38 787	11 632	637	1 368	2 441	4 446	20 692	88 057	...	...

^aA 1981 "Census Farm" is defined as a farm, ranch, or other agricultural holding with sales of agricultural products during the past 12 months of \$250 or more.

^bIncludes sales of Christmas trees, fuelwood, and logs, and income from stumpage leases where an agreed amount is paid for cutting timber or pulpwood from the land. It excludes the sales of maple products.

Source: Statistics Canada. *Census of Agriculture*.



SECTION VIII

WORLD FORESTRY

The world forestry figures were retrieved from the "1993 Yearbook of Forest Products." Publication of the yearbook is made possible by the cooperation of various governments, which supplied most of the information in the form of replies to questionnaires. The Forestry Department of the Food and Agriculture Organization of the United Nations (FAO) in collaboration with the Economic Commission for Europe compiled the results.

The products are classified using the "United Nations Standard International Trade Classification (SITC) Revision 2."



VIII - 1. World Forest Resources - Forest Areas and Growing Stocks by Region and Species Group

Continents and countries	Forest areas (Thousands of hectares)							Forest percentage of land areas ^a %	Merchantable volume (Millions of cubic metres)		
	Closed forest		Other woodland		Total				Growing stocks		
	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Total		Softwoods	Hardwoods	Total
North America	454 145 ^b	..	259 429 ^b	..	713 574 ^b	..	713 574	36.5	35 926	17 837	53 763
Canada	244 572 ^b	..	173 013 ^b	..	417 585 ^b	..	417 585	41.9	19 241	5 512	24 753
United States	209 573 ^b	..	86 416 ^b	..	295 989 ^b	..	295 989	30.9	16 685	12 325	29 010
Central America and Mexico	25 038	47 230	-	348	25 038	47 578	72 614	26.9	1 900	3 600	5 500
South America	19 474	647 498	1 000	247 047	20 474	894 545	915 019	51.4	900	90 600	91 500
Africa	7 776	228 088	6 115	501 734	13 891	729 822	743 713	24.5	200	24 800	25 000
Europe, without former USSR	89 158	51 933	45 649 ^b	..	97 404	79 011	194 953	34.3	10 790	4 396	15 186
Former USSR	606 158	163 765	104 016	82 823	710 173	246 587	957 025	41.4	71 314	15 349	86 663
Asia	86 552	275 270	15 688	90 722	102 238	365 992	468 230	18.5	6 000	32 000	38 000
Oceania	12 060	211 344	3 935	71 608	15 995	282 952	298 947	27.9	700	5 300	6 000
World^b	2 925 489^b	..	1 438 586^b	..	4 364 075^b	..	4 364 075	32.3	127 730	193 882	321 612

^aIncluding water.

^bHardwoods are included.

Sources: Food and Agriculture Organization of the United Nations 1985, *Forest resources 1980*. Cibula, E.J., 1980, *Trends in timber supply and trade, Information review*, Department of the Environment, London, 1980.
ECE/FAO 1992, *The Forest Resources of the Temperate Zones, The UN-ECE/FAO 1990 Forest Resource Assessment, Volume 1, General Forest Resource Information*.
1991 *Canadian Forest Inventory* (1994 Version), Natural Resources Canada, Canadian Forest Service.

World Trade

Billions of US dollars

Exports Imports

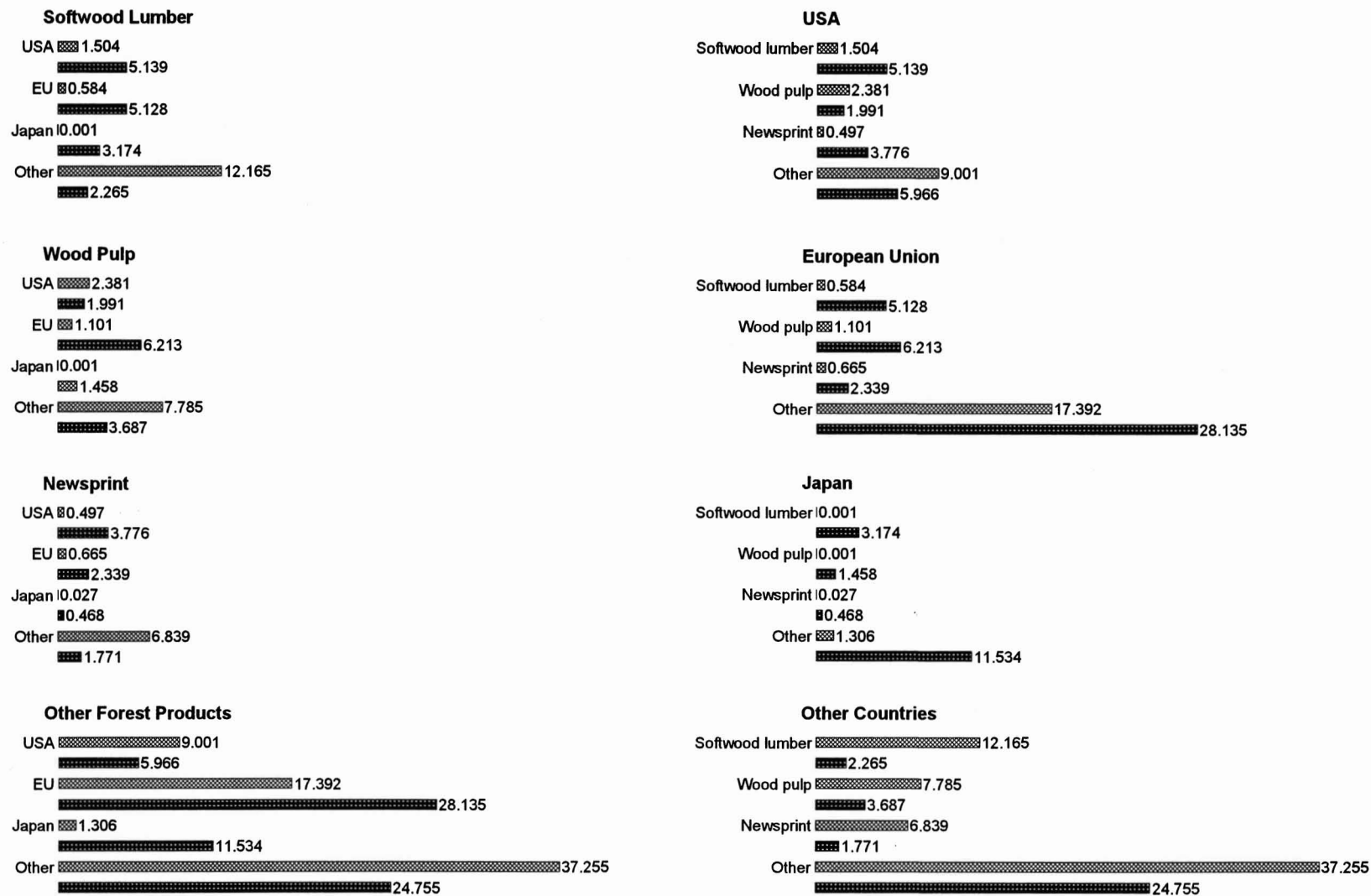


Figure 22. World trade of forest products by commodity group and principal trade area, 1993.

Source: Food and Agriculture Organization of the United Nations, 1993 Yearbook of forest products.

VIII - 2. World Production of Roundwood, 1993

(Thousands of cubic metres)

Trade area ^a	Industrial roundwood						Fuelwood and charcoal	Total roundwood
	Logs and bolts	Pulpwood	Other roundwood	Total ^b	Softwoods	Hardwoods		
North America	378 859	183 548	13 226	575 633	451 075	124 558	100 134	675 767
Canada	137 159	32 648	3 326	173 133	165 275	7 858	6 834	179 967
United States	241 700	150 900	9 900	402 500	285 800	116 700	93 300	495 800
Central America	8 065	2 062	1 005	11 131	7 661	3 470	56 607	67 738
Mexico	5 477	1 954	85	7 516	6 441	1 075	15 769	23 285
South America	65 480	45 975	8 414	122 041	55 906	63 963	247 886	369 927
Brazil	41 171	30 701	5 936	77 808	33 021	44 787	194 270	272 078
Chile	9 238	10 743	553	22 614	18 878	1 656	9 627	32 241
Venezuela	1 162	-	29	1 213	231	960	1 032	2 245
Africa	23 760	7 445	28 318	59 530	10 162	49 362	493 605	553 135
Algeria	46	-	261	307	207	100	2 060	2 367
Morocco	79	173	309	561	131	430	1 448	2 009
Middle East - Africa	96	-	2 529	2 625	-	2 625	34 255	36 880
Europe	138 542	99 210	15 406	272 249	191 273	61 885	50 917	323 166
European Union	58 260	34 821	7 349	110 218	66 270	34 160	24 812	135 030
Belgium-Luxembourg	2 620	860	210	3 690	2 720	970	550	4 240
Denmark	860	450	350	1 660	1 185	475	532	2 192
France	19 355	8 248	70	33 615	15 824	11 849	10 454	44 069
Germany, New Länder	-	-	-	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-	-	-	-
Germany	17 522	10 435	4 404	32 361	24 823	7 538	3 795	36 156
Greece	650	410	200	1 260	627	633	1 519	2 779
Ireland	1 242	464	-	1 706	1 656	50	50	1 756
Italy	2 224	781	1 115	4 958	1 264	2 856	4 902	9 860
Netherlands	409	350	77	1 236	597	239	167	1 403
Portugal	3 912	5 617	178	10 986	5 098	4 609	598	11 584
Spain	5 981	4 761	735	12 806	6 979	4 498	1 990	14 796
United Kingdom	3 485	2 445	10	5 940	5 497	443	255	6 195
Scandinavia	47 383	46 065	1 065	103 213	84 962	9 551	9 519	112 732
Finland	17 154	18 004	325	35 483	30 813	4 670	4 161	39 644
Norway	4 429	4 561	210	9 200	8 849	351	934	10 134
Sweden	25 800	23 500	530	58 530	45 300	4 530	4 424	62 954
Other Europe	32 899	18 324	6 992	58 818	40 041	18 174	16 586	75 404
Former USSR	78 493	18 770	35 092	172 955	95 520	36 835	51 525	224 480
Asia	183 587	19 521	66 490	278 117	94 058	175 540	866 431	1 144 548
China, People's Rep.	51 769	7 887	39 072	100 608	63 281	35 447	200 060	300 668
Hong Kong	-	-	-	-	-	-	193	193
India	18 350	1 208	5 109	24 667	2 772	21 895	262 782	287 449
Japan	17 567	7 497	506	32 209	18 772	6 798	361	32 570
Korea, Rep. of (South)	1 066	463	465	1 994	1 416	578	4 491	6 485
Middle East - Asia	3 809	1 268	5 692	10 770	4 813	5 957	12 927	23 697
Southeast Asia	80 391	1 054	9 105	90 549	641	89 909	229 930	320 480
Other Asia	10 550	144	6 504	17 198	2 332	14 866	154 000	171 198
Oceania	22 643	13 146	1 113	36 902	23 599	13 303	8 750	45 652
Australia	8 822	8 270	541	17 633	7 739	9 894	2 898	20 531
New Zealand	10 634	4 701	563	15 898	15 687	211	50	15 948
World	899 429	389 677	169 063	1 528 558	929 254	528 915	1 875 856	3 404 413

^aSee Section IX.B for details on groupings of trade areas used in this table.

^bTotal includes particles.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 3. World Production of Lumber, 1993

(Thousands of cubic metres)

Trade area ^a	Lumber			Railway ties	Total lumber and railway ties
	Softwoods	Hardwoods	Total		
North America	137 038	28 903	165 941	-	165 941
Canada	58 651	1 123	59 774	-	59 774
United States	78 387	27 780	106 167	-	106 167
Central America	2 935	1 410	4 345	-	4 345
Mexico	2 345	351	2 696	-	2 696
South America	11 949	14 719	26 668	-	26 668
Brazil	8 591	10 037	18 628	-	18 628
Chile	2 663	450	3 113	-	3 113
Venezuela	43	215	258	-	258
Africa	2 437	5 788	8 225	-	8 225
Algeria	9	3	12	1	13
Morocco	43	40	83	-	83
Middle East - Africa	-	48	48	-	48
Europe	65 154	11 489	76 643	-	76 643
European Union	26 300	6 996	33 296	-	33 296
Belgium-Luxembourg	900	284	1 184	-	1 184
Denmark	338	245	583	-	583
France	5 980	3 100	9 080	-	9 080
Germany, New Länder	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-
Germany	11 866	1 200	13 066	-	13 066
Greece	210	127	337	-	337
Ireland	650	15	665	-	665
Italy	800	917	1 717	-	1 717
Netherlands	181	190	371	-	371
Portugal	1 300	194	1 494	-	1 494
Spain	2 159	562	2 721	-	2 721
United Kingdom	1 916	162	2 078	-	2 078
Scandinavia	23 188	279	23 467	-	23 467
Finland	8 300	67	8 367	-	8 367
Norway	2 350	12	2 362	-	2 362
Sweden	12 538	200	12 738	-	12 738
Other Europe	15 666	4 214	19 880	-	19 880
Former USSR	34 409	7 882	42 291	-	42 291
Asia	49 256	52 827	102 083	-	102 083
China, People's Rep.	15 566	9 702	25 268	-	25 268
Hong Kong	-	439	439	-	439
India	2 500	14 960	17 460	-	17 460
Japan	23 298	2 962	26 260	-	26 260
Korea, Rep. of (South)	2 696	503	3 199	-	3 199
Middle East - Asia	3 832	1 961	5 793	-	5 793
Southeast Asia	278	18 765	19 043	-	19 043
Other Asia	1 087	3 499	4 586	-	4 586
Oceania	4 420	1 794	6 214	-	6 214
Australia	1 660	1 525	3 185	-	3 185
New Zealand	2 676	97	2 773	-	2 773
World	307 598	124 813	432 411	-	432 410

^aSee Section IX.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 4. World Production of Panel Products, 1993
(Thousands of cubic metres)

Trade area ^a	Plywood	Particle-board	Veneer sheets	Hardboard and building board	Rigid insulating board	Total panels
North America	18 918	12 017	581	3 719	3 830	39 065
Canada	1 824	4 422	501	320	430	7 497
United States	17 094	7 595	80	3 399	3 400	31 568
Central America	255	513	28	130	--	926
Mexico	184	414	2	45	-	645
South America	1 381	1 385	559	999	77	4 401
Brazil	960	660	234	637	61	2 552
Chile	59	255	40	255	4	613
Venezuela	39	103	129	-	9	280
Africa	510	453	509	108	33	1 612
Algeria	23	24	2	-	-	50
Morocco	25	3	7	-	-	35
Middle East - Africa	7	43	28	-	5	83
Europe	2 886	26 252	1 482	3 483	955	35 057
European Union	1 615	19 604	1 239	2 593	234	25 285
Belgium-Luxembourg	68	2 350	45	-	48	2 511
Denmark	9	250	6	66	-	331
France	460	2 461	58	396	75	3 450
Germany, New Länder	--	--	--	--	-	-
Germany, Fed. Rep.	--	--	--	--	-	-
Germany	429	7 935	380	636	50	9 430
Greece	70	250	8	30	5	363
Ireland	--	84	--	162	-	246
Italy	415	2 250	500	240	15	3 420
Netherlands	15	32	13	--	39	99
Portugal	25	575	110	288	2	1 000
Spain	119	1 660	119	480	--	2 378
United Kingdom	5	1 757	--	295	--	2 057
Scandinavia	698	1 434	38	189	220	2 579
Finland	621	439	25	80	38	1 203
Norway	4	398	-	43	114	559
Sweden	73	597	13	66	68	817
Other Europe	573	5 214	205	701	501	7 193
Former USSR	1 234	4 598	93	1 169	271	7 365
Asia	22 922	5 536	10 610	3 019	651	42 738
China, People's Rep.	2 638	1 614	8 787	1 680	--	14 719
Hong Kong	1	40	-	-	-	41
India	360	32	4	43	3	442
Japan	5 263	1 265	289	458	588	7 863
Korea, Rep. of (South)	898	435	--	409	-	1 742
Middle East - Asia	249	1 225	72	113	10	1 668
Southeast Asia	13 421	846	1 457	300	50	16 074
Other Asia	88	71	2	16	-	177
Oceania	238	887	112	510	138	1 885
Australia	122	711	29	86	13	961
New Zealand	97	176	40	424	125	862
World	48 343	51 641	13 974	13 137	5 955	133 049

^aSee Section IX.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 5. World Production of Wood Pulp, 1993

(Thousands of tonnes)

Trade area ^a	Chemical	Semi-chemical	Mechanical	Dissolving	Total wood pulp
North America	59 678	4 620	16 175	1 495	81 968
Canada	11 848	980	10 589	241	23 658
United States	47 830	3 640	5 586	1 254	58 310
Central America	208	-	282	4	494
Mexico	208	-	279	4	491
South America	7 182	254	682	61	8 179
Brazil	4 870	37	475	59	5 441
Chile	1 682	-	183	2	1 867
Venezuela	-	-	21	-	21
Africa	1 474	183	449	521	2 627
Algeria	-	-	-	-	-
Morocco	92	-	-	70	162
Middle East - Africa	-	-	-	-	-
Europe	20 640	1 473	11 834	918	34 865
European Union	5 092	479	3 532	78	9 181
Belgium-Luxembourg	107	-	203	-	310
Denmark	-	55	54	-	109
France	1 602	116	936	4	2 658
Germany, New Länder	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-
Germany	681	76	1 331	19	2 107
Greece	-	-	25	-	25
Ireland	-	-	-	-	-
Italy	29	34	339	30	432
Netherlands	-	-	119	-	119
Portugal	1 518	-	-	-	1 518
Spain	1 155	88	81	25	1 349
United Kingdom	-	110	444	-	554
Scandinavia	12 962	812	7 541	554	21 869
Finland	5 465	472	3 401	92	9 430
Norway	530	76	1 418	143	2 167
Sweden	6 967	264	2 722	319	10 272
Other Europe	2 586	182	761	286	3 815
Former USSR	3 454	270	1 177	240	5 141
Asia	12 769	433	2 794	677	16 673
China, People's Rep.	1 635	54	500	250	2 439
Hong Kong	-	-	-	10	10
India	682	-	210	255	1 147
Japan	8 550	243	1 644	153	10 590
Korea, Rep. of (South)	305	-	142	-	447
Middle East - Asia	298	-	112	9	419
Southeast Asia	1 161	136	113	-	1 410
Other Asia	138	-	73	-	211
Oceania	1 134	136	1 094	5	2 369
Australia	454	106	436	-	996
New Zealand	680	30	658	5	1 373
World	106 539	7 369	34 487	3 921	152 316

^aSee Section IX.B for details on groupings of trade areas used in this table.

Note: Canada produces 15.5% of the world's output of wood pulp.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 6. World Production of Paper and Paperboard, 1993

(Thousands of tonnes)

Trade area ^a	Newsprint	Printing and writing paper	Wrapping and packaging paper and board	Tissue and sanitary paper	Other paper and paperboard	Total
North America	15 584	25 705	43 530	5 992	3 996	94 807
Canada	9 165	4 194	3 656	542	-	17 557
United States	6 419	21 511	39 874	5 450	3 996	77 250
Central America	216	531	1 625	498	38	2 908
Mexico	216	507	1 568	447	25	2 763
South America	659	2 340	4 330	1 015	341	8 685
Brazil	268	1 670	2 779	452	183	5 352
Chile	185	44	249	81	13	572
Venezuela	-	118	323	158	8	607
Africa	197	598	1 342	126	75	2 338
Algeria	-	37	51	3	-	91
Morocco	-	25	73	1	-	99
Middle East - Africa	-	58	135	15	2	210
Europe	9 133	25 213	28 574	3 901	3 043	69 864
European Union	3 475	14 775	18 011	2 919	2 269	41 449
Belgium-Luxembourg	119	666	214	96	52	1 147
Denmark	-	117	200	-	-	317
France	801	2 950	3 342	381	350	7 824
Germany, New Länder	-	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-	-
Germany	1 302	4 928	5 024	847	933	13 034
Greece	9	125	325	247	44	750
Ireland	-	-	36	-	-	36
Italy	83	2 381	2 826	416	313	6 019
Netherlands	326	775	1 588	166	-	2 855
Portugal	-	385	401	57	33	876
Spain	94	812	1 918	264	260	3 348
United Kingdom	741	1 636	2 137	445	284	5 243
Scandinavia	4 757	7 956	7 095	488	443	20 739
Finland	1 425	5 567	2 634	169	195	9 990
Norway	1 007	505	394	21	41	1 968
Sweden	2 325	1 884	4 067	298	207	8 781
Other Europe	901	2 482	3 468	494	331	7 676
Former USSR	755	686	1 991	70	1 239	4 741
Asia	5 189	20 273	26 614	3 522	11 797	67 395
China, People's Rep.	711	6 688	8 073	1 408	6 936	23 816
Hong Kong	-	-	193	-	-	193
India	320	1 085	1 152	23	46	2 626
Japan	2 917	9 543	11 618	1 523	2 163	27 764
Korea, Rep. of (South)	743	1 116	3 128	298	519	5 804
Middle East - Asia	135	253	843	106	149	1 486
Southeast Asia	300	1 404	1 514	149	1 774	5 141
Other Asia	63	184	93	15	210	565
Oceania	802	314	1 424	212	96	2 848
Australia	433	304	1 135	138	2	2 012
New Zealand	369	10	289	74	94	836
World	32 535	75 660	109 430	15 336	20 625	253 586

^aSee Section IX.B for details on groupings of trade areas used in this table.

Note: Canada produces 28.2% of the world's newsprint.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 7. World Exports of Forest Products, 1993

(Millions of U.S. dollars)

Trade area ^a	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard		Total forest products
	Roundwood	Softwood lumber	Total			News-print	Total	
North America	3 360	8 616	9 979	1 842	5 989	5 191	11 423	32 684
Canada	277	7 112	7 378	916	3 608	4 694	7 116	19 301
United States	3 083	1 504	2 602	926	2 381	497	4 307	13 383
Central America	29	208	221	17	-	1	50	320
Mexico	24	182	188	14	-	-	47	276
South America	437	227	565	544	1 149	93	785	3 496
Brazil	49	39	250	434	704	20	620	2 062
Chile	286	181	197	61	402	70	79	1 034
Venezuela	-	1	1	-	-	1	39	41
Africa	978	15	444	167	331	37	181	2 116
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	4	20	59	-	1	84
Middle East - Africa	1	-	-	1	-	-	5	7
Europe	1 416	4 658	5 902	3 854	3 207	2 405	26 982	41 419
European Union	816	584	1 421	2 551	1 101	665	13 806	19 742
Belgium-Luxembourg	75	48	100	408	131	25	1 128	1 844
Denmark	18	24	56	41	15	-	100	231
France	269	92	372	474	163	227	2 705	3 984
Germany, New Länder	-	-	-	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-	-	-	-
Germany	332	193	329	669	131	187	4 318	5 802
Greece	11	1	3	11	-	1	22	47
Ireland	20	17	22	44	-	1	22	108
Italy	4	39	182	326	13	5	1 481	2 007
Netherlands	42	86	236	143	5	121	1 465	1 891
Portugal	21	54	57	137	355	-	171	745
Spain	11	18	43	205	281	12	599	1 155
United Kingdom	14	11	20	93	7	86	1 793	1 928
Scandinavia	162	3 065	3 094	572	1 853	1 672	10 589	16 275
Finland	72	1 077	1 088	443	526	522	5 399	7 532
Norway	35	154	159	48	211	315	806	1 259
Sweden	56	1 833	1 847	80	1 116	834	4 384	7 484
Other Europe	438	1 009	1 387	731	253	68	2 587	5 402
Former USSR	951	518	534	149	247	106	179	2 061
Asia	1 765	185	3 005	6 203	148	82	3 381	14 540
China, People's Rep.	153	60	220	163	73	3	531	1 144
Hong Kong	6	-	84	191	10	1	589	880
India	1	-	3	10	-	-	2	17
Japan	10	1	15	34	1	27	1 275	1 335
Korea, Rep. of (South)	1	26	30	19	-	5	391	440
Middle East - Asia	1	5	9	22	-	-	39	71
Southeast Asia	1 262	79	2 405	5 741	64	45	544	10 049
Other Asia	331	12	228	10	-	1	4	571
Oceania	1 339	278	301	198	196	115	281	2 320
Australia	302	3	16	33	-	-	94	445
New Zealand	479	271	274	161	196	115	187	1 302
World	10 275	14 704	20 952	12 973	11 268	8 028	43 261	98 954

^aSee Section IX.B for details on groupings of trade areas used in this table.

Note: Canada accounts for 19.5% of total world exports of forest products.
Total Forest Products includes Other Fibre Pulp.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 8. World Imports of Forest Products, 1993

(Millions of U.S. dollars)

Trade area ^a	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			News-print	Total	
North America	378	5 264	5 814	1 907	2 127	3 784	8 718	18 952
Canada	223	125	402	240	136	7	1 075	2 080
United States	155	5 139	5 411	1 668	1 991	3 776	7 643	16 872
Central America	22	329	423	232	250	196	1 031	1 963
Mexico	12	195	265	154	227	79	521	1 181
South America	3	19	91	70	274	333	1 248	1 693
Brazil	-	-	10	9	49	94	232	306
Chile	-	-	2	9	-	4	139	150
Venezuela	-	2	3	8	91	55	114	218
Africa	57	382	468	124	91	48	938	1 681
Algeria	-	74	77	14	22	7	75	188
Morocco	48	84	109	11	13	11	104	286
Middle East - Africa	5	173	181	65	5	14	211	470
Europe	2 599	5 685	8 971	5 044	7 005	2 514	24 338	48 053
European Union	1 649	5 128	8 101	4 306	6 213	2 339	21 467	41 815
Belgium-Luxembourg	138	232	684	361	259	76	1 463	2 910
Denmark	20	297	316	148	28	71	598	1 110
France	271	336	601	424	787	232	3 318	5 418
Germany, New Länder	-	-	-	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-	-	-	-
Germany	255	1 162	1 535	1 156	2 599	556	4 950	10 524
Greece	7	65	74	46	49	24	246	423
Ireland	8	39	52	48	18	34	366	492
Italy	531	937	1 606	358	991	226	1 997	5 490
Netherlands	79	546	1 053	636	350	232	2 159	4 279
Portugal	97	8	61	49	25	34	294	527
Spain	146	199	447	153	272	187	1 489	2 508
United Kingdom	97	1 307	1 672	927	835	667	4 586	8 134
Scandinavia	566	140	261	238	151	20	765	1 985
Finland	211	8	42	21	63	7	160	499
Norway	88	115	149	75	26	6	303	641
Sweden	267	17	70	141	62	8	302	845
Other Europe	384	417	609	500	641	155	2 106	4 253
Former USSR	2	4	7	11	2	1	102	124
Asia	10 035	3 736	6 715	5 592	3 491	1 382	7 838	33 776
China, People's Rep.	686	118	617	1 279	603	151	1 584	4 793
Hong Kong	103	9	139	445	7	104	1 516	2 212
India	31	1	2	3	82	72	153	272
Japan	7 318	3 174	4 281	2 370	1 458	468	1 164	16 634
Korea, Rep. of (South)	1 226	57	443	669	629	59	325	3 295
Middle East - Asia	328	321	387	455	162	214	1 260	2 593
Southeast Asia	328	20	795	256	519	264	1 499	3 431
Other Asia	13	8	18	20	31	43	228	314
Oceania	4	287	377	96	109	97	973	1 558
Australia	1	256	333	81	104	92	783	1 303
New Zealand	2	13	23	6	5	-	167	203
World	13 099	15 706	22 864	13 077	13 349	8 354	45 186	107 799

^aSee Section IX.B for details on groupings of trade areas used in this table.

Note: Canada accounts for only 1.9% of total world imports of forest products.
Total Forest Products includes other fibre pulp.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 9. World Apparent Consumption of Forest Products, 1993

Trade area ^a	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard	
	Roundwood	Softwood lumber	Total			News-print	Total
	thousand m ³					thousand t	
North America	652 562	123 623	150 923	37 991	71 820	12 738	87 896
Canada	181 036	16 519	17 679	4 336	14 528	180	5 907
United States	471 526	107 104	133 245	33 655	57 292	12 559	81 989
Central America	67 374	3 459	5 079	1 531	1 012	595	4 492
Mexico	22 857	2 296	2 809	1 054	949	375	3 414
South America	362 460	11 026	24 949	3 040	6 088	1 135	9 194
Brazil	271 343	8 394	17 790	1 380	3 863	419	4 500
Chile	26 810	1 894	2 299	432	1 018	46	593
Venezuela	2 255	37	257	301	241	113	725
Africa	548 332	4 831	9 836	1 663	2 198	231	3 307
Algeria	2 369	403	414	89	48	18	210
Morocco	2 411	503	606	41	55	23	250
Middle East - Africa	36 899	1 325	1 408	209	9	40	582
Europe	336 875	66 672	81 861	36 849	40 515	8 967	65 160
European Union	138 769	47 710	59 270	29 238	18 613	6 861	54 428
Belgium-Luxembourg	5 717	1 760	2 894	1 765	537	217	2 100
Denmark	2 195	1 818	2 057	657	130	176	1 046
France	43 399	6 994	9 920	3 279	4 254	743	8 713
Germany, New Länder	-	-	-	-	-	-	-
Germany, Fed. Rep.	-	-	-	-	-	-	-
Germany	31 724	16 353	18 049	11 011	5 516	2 107	14 827
Greece	2 828	549	685	471	130	68	1 103
Ireland	1 654	773	792	225	24	75	536
Italy	15 594	4 930	7 213	3 657	2 982	550	7 583
Netherlands	1 417	2 535	3 426	1 217	773	490	3 535
Portugal	11 570	887	1 201	534	573	62	944
Spain	15 933	3 057	4 200	2 178	1 294	441	4 670
United Kingdom	6 738	8 054	8 833	4 244	2 400	1 932	9 371
Scandinavia	122 460	7 700	8 095	1 900	17 369	1 047	4 636
Finland	44 711	2 723	2 812	468	8 055	193	1 615
Norway	11 097	1 968	2 021	504	1 719	405	907
Sweden	66 652	3 009	3 262	928	7 595	449	2 114
Other Europe	75 646	11 262	14 496	5 711	4 533	1 059	6 096
Former USSR	211 680	28 390	36 202	6 791	4 117	463	4 323
Asia	1 194 886	60 855	113 628	42 953	24 053	7 627	74 346
China, People's Rep.	304 763	16 057	27 136	17 866	3 528	1 078	25 888
Hong Kong	789	35	556	596	11	213	1 140
India	287 710	2 506	17 462	429	1 336	495	2 914
Japan	78 002	32 126	36 859	13 293	13 856	3 408	27 824
Korea, Rep. of (South)	15 148	2 882	4 325	3 539	2 066	880	5 648
Middle East - Asia	26 746	5 829	8 019	2 899	681	584	3 385
Southeast Asia	310 512	208	15 289	3 960	2 312	806	6 452
Other Asia	169 356	988	3 816	200	263	150	926
Oceania	31 691	4 606	6 520	1 485	1 939	729	3 435
Australia	13 912	2 728	4 384	1 059	1 235	606	2 827
New Zealand	11 042	1 731	1 840	345	704	114	580
World	3 405 860	303 462	428 998	132 304	151 739	32 486	252 152

^aSee Section IX.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 10. Apparent Consumption of Forest Products by Major Commodity Group and Selected Countries, 1961-1993

Country/ year	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard	
	Roundwood	Softwood lumber	Total			News- print	Total
	----- thousand m ³ -----					----- thousand t -----	
A. Canada							
1961	91 109	7 061	8 085	1 374	8 027	422	2 240
1965	100 792	9 334	10 531	1 968	9 811	480	3 031
1970	117 973	8 567	9 811	2 952	11 593	657	3 347
1975	115 954	11 377	12 709	4 169	9 927	661	3 440
1980	157 742	14 670	16 611	3 691	12 842	918	4 095
1983	155 292	7 976	9 296	4 373	12 551	1 011	4 437
1984	165 763	12 098	13 775	4 132	13 606	1 065	4 857
1985	168 517	15 437	16 936	4 543	13 418	716	4 831
1986	177 298	16 357	18 218	4 794	14 157	698	5 125
1987	175 107	19 621	21 598	5 421	14 762	888	5 392
1988	175 719	19 025	20 479	4 561	15 063	1 416	6 058
1989	173 569	18 501	19 956	5 385	15 766	1 493	6 197
1990	179 585	17 235	18 530	4 440	15 368	347	5 553
1991	165 712	15 437	16 546	4 176	14 851	416	5 582
1992	173 165	16 785	17 595	4 214	14 520	267	5 352
1993	181 036	16 519	17 679	4 336	14 528	180	5 907
B. United States							
1961	291 309	69 100	83 454	11 552	23 917	6 654	34 896
1965	320 519	78 176	96 268	17 878	30 712	7 638	42 247
1970	315 422	75 722	93 091	25 203	37 677	9 032	49 752
1975	291 896	71 948	85 697	26 211	37 187	8 503	48 460
1980	398 878	84 148	101 196	27 401	46 447	10 673	60 707
1983	413 148	91 650	104 726	30 883	48 091	10 696	63 309
1984	448 819	100 545	114 913	32 220	51 227	11 912	68 823
1985	439 037	104 206	118 437	33 592	49 629	12 324	68 172
1986	465 227	110 510	127 650	35 388	52 020	12 543	71 641
1987	482 565	116 156	134 776	36 224	54 049	13 135	75 223
1988	485 112	112 979	130 210	35 900	54 875	12 833	76 849
1989	488 606	109 404	127 294	34 670	55 188	12 854	76 298
1990	484 750	106 160	129 990	33 150	56 296	13 003	78 262
1991	452 904	98 678	121 111	30 180	57 681	12 329	76 953
1992	469 998	105 112	129 683	32 300	57 214	12 156	78 700
1993	471 526	107 104	133 245	33 655	57 292	12 559	81 989
C. World							
1961	2 059 764	267 567	345 310	26 363	61 606	14 496	77 514
1965	2 234 686	296 641	383 267	42 107	77 756	16 930	97 208
1970	2 463 386	315 486	413 503	69 839	101 647	21 402	125 859
1975	2 580 570	305 624	404 362	84 381	101 743	20 867	130 596
1980	2 939 287	333 523	449 330	100 445	125 240	25 675	168 943
1983	3 051 620	325 896	438 392	104 686	127 670	26 142	176 253
1984	3 161 145	342 488	458 155	107 984	135 548	28 129	189 532
1985	3 195 431	349 852	467 395	110 864	135 564	28 488	192 329
1986	3 285 595	363 298	483 896	116 537	141 182	29 474	203 482
1987	3 360 018	375 692	502 537	122 517	147 166	31 018	214 970
1988	3 414 982	376 874	501 784	127 710	151 266	32 246	226 996
1989	3 473 087	376 421	505 001	132 590	156 158	33 436	234 398
1990	3 516 841	375 085	507 915	125 525	155 131	32 809	240 059
1991	3 410 765	324 527	453 862	124 126	154 528	32 439	241 768
1992	3 413 623	307 505	433 707	129 008	152 300	32 065	243 090
1993	3 405 860	303 462	428 998	132 304	151 739	32 486	252 152

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 11. Production of Forest Products (Quantity) by Major Commodity Group and Selected Countries, 1961-1993

Country/ year	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard	
	Roundwood	Softwood lumber	Total			News- print	Total
----- thousand m ³ -----			----- thousand t -----				
A. Canada							
1961	93 569	18 556	19 644	1 493	10 574	6 095	7 975
1965	103 670	24 422	25 782	2 314	13 221	7 003	9 758
1970	121 385	25 507	26 932	3 288	16 609	7 996	11 253
1975	115 276	25 742	26 715	3 734	14 831	7 010	10 067
1980	158 842	42 895	44 324	4 802	19 945	8 625	13 390
1983	156 965	41 157	42 070	5 324	19 221	8 486	13 353
1984	167 482	48 582	49 869	5 474	20 451	9 014	14 222
1985	168 654	53 443	54 586	6 063	20 222	8 991	14 448
1986	177 097	53 400	54 853	5 921	21 512	9 289	15 259
1987	176 363	60 288	61 775	6 500	22 804	9 660	16 044
1988	176 707	59 274	60 737	6 224	23 298	9 970	16 639
1989	173 574	58 000	59 245	6 917	23 834	9 678	16 555
1990	180 731	53 702	54 906	6 358	23 020	9 069	16 466
1991	165 873	51 037	52 040	5 548	23 441	8 977	16 559
1992	172 270	55 512	56 318	6 568	23 169	8 931	16 585
1993	179 967	58 651	59 774	7 497	23 658	9 165	17 557
B. United States							
1961	289 770	61 086	75 161	10 832	22 759	1 863	30 758
1965	322 564	68 815	86 437	16 412	29 154	1 978	37 866
1970	327 945	64 990	81 854	23 026	37 318	3 143	45 805
1975	307 723	61 956	75 903	25 005	36 808	3 348	45 248
1980	417 995	66 740	84 112	26 224	46 187	4 238	56 839
1983	430 440	68 313	81 920	28 966	47 660	4 687	58 804
1984	466 059	73 676	88 451	29 996	50 398	5 029	62 366
1985	458 286	74 023	88 361	30 870	49 061	4 923	60 959
1986	483 476	82 056	99 632	33 152	51 927	5 108	64 444
1987	502 642	88 264	107 481	34 300	54 058	5 300	67 532
1988	509 927	88 100	107 317	34 252	55 530	5 427	69 587
1989	516 000	85 050	104 075	33 232	56 225	5 523	69 514
1990	512 800	84 500	109 800	32 086	57 217	6 001	71 965
1991	481 400	78 260	102 363	29 674	58 896	6 206	72 724
1992	495 800	81 481	107 937	31 205	59 280	6 424	75 161
1993	495 800	78 387	106 167	31 568	58 310	6 419	77 250
C. World							
1961	2 059 032	267 885	345 851	26 293	61 531	14 362	77 493
1965	2 235 342	297 616	384 321	41 942	77 806	17 017	97 615
1970	2 464 162	316 006	414 553	69 560	101 936	21 486	126 464
1975	2 582 578	306 420	405 096	84 437	102 103	20 436	130 518
1980	2 935 396	335 489	451 241	101 113	125 820	25 413	170 262
1983	3 044 943	328 740	441 786	105 201	128 216	25 997	177 307
1984	3 154 047	344 888	460 967	108 160	135 622	27 790	189 998
1985	3 189 080	350 645	467 785	111 047	135 654	28 252	192 941
1986	3 276 931	363 473	484 294	117 090	141 224	29 241	203 297
1987	3 353 488	378 964	505 292	122 431	146 748	30 384	214 664
1988	3 413 324	381 458	508 014	128 096	151 686	31 741	227 576
1989	3 472 062	379 112	507 108	131 719	156 339	32 071	233 167
1990	3 521 012	373 430	505 468	125 829	154 972	32 764	240 122
1991	3 413 883	326 908	455 823	124 575	155 073	32 501	243 448
1992	3 416 344	310 670	436 535	128 889	152 867	32 075	244 925
1993	3 404 413	307 598	432 410	133 049	152 316	32 535	253 586

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 12. Exports of Forest Products (Quantity) by Major Commodity Group and Selected Countries, 1961-1993

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			News- print	Total
		----- thousand m ³ -----			----- thousand t -----		
A. Canada							
1961	3 781	11 854	12 169	210	2 603	5 673	5 881
1965	4 950	15 471	15 932	468	3 495	6 523	6 871
1970	5 598	17 342	17 743	579	5 063	7 339	8 073
1975	2 402	15 334	15 522	482	4 986	6 349	7 158
1980	4 249	28 993	29 326	1 344	7 244	7 707	9 555
1983	5 022	33 976	34 249	1 265	6 823	7 475	9 341
1984	5 737	37 155	37 484	1 619	7 040	7 949	9 903
1985	4 750	38 698	39 004	1 819	7 024	8 275	10 157
1986	5 068	37 853	38 192	1 587	7 622	8 591	10 763
1987	6 157	41 408	41 862	1 586	8 241	8 772	11 338
1988	6 195	41 106	41 737	2 237	8 406	8 554	11 514
1989	4 826	40 537	40 968	2 124	8 241	8 185	11 284
1990	2 932	37 465	37 937	2 440	7 884	8 722	11 875
1991	2 741	36 500	36 980	1 941	8 776	8 561	11 945
1992	4 410	39 484	40 145	2 983	8 901	8 696	12 392
1993	3 961	42 816	43 555	3 898	9 401	9 000	12 896
B. United States							
1961	2 662	1 497	1 797	43	1 068	165	959
1965	5 796	1 989	2 304	86	1 272	76	1 541
1970	16 391	2 738	3 035	304	2 808	130	2 424
1975	18 198	3 337	4 073	1 025	2 391	150	2 563
1980	22 362	4 798	5 834	968	3 392	159	4 186
1983	20 563	4 388	5 522	1 135	3 275	268	3 505
1984	20 192	3 848	5 016	1 048	3 215	278	3 386
1985	21 831	3 594	4 534	936	3 415	285	3 221
1986	21 091	4 433	5 662	1 572	4 013	356	3 796
1987	23 277	5 803	7 571	1 961	4 416	308	4 117
1988	27 837	7 703	10 610	2 461	5 015	388	4 591
1989	30 254	7 833	9 853	2 708	5 667	623	5 046
1990	29 879	7 010	9 082	3 161	5 360	527	5 388
1991	30 207	7 292	9 496	3 061	5 748	674	6 372
1992	28 267	7 656	10 191	3 415	6 628	928	6 981
1993	26 680	6 968	9 411	3 359	5 930	925	7 146
C. World							
1961	41 201	36 792	41 538	3 090	9 773	7 732	12 786
1965	55 936	44 296	50 174	5 325	12 480	8 985	16 540
1970	96 382	49 770	57 424	9 728	16 921	10 641	23 390
1975	100 942	43 841	52 410	12 436	15 078	9 369	23 069
1980	117 089	66 465	79 656	16 323	21 188	12 321	35 108
1983	101 729	70 915	83 771	17 371	21 080	12 143	36 742
1984	104 119	73 140	86 153	18 398	21 529	13 127	39 803
1985	107 084	73 807	86 039	19 330	21 779	13 940	40 972
1986	108 159	73 927	87 055	21 219	23 320	14 256	43 469
1987	119 274	79 168	94 430	24 156	24 635	14 747	47 073
1988	127 426	82 217	100 004	26 786	25 942	14 506	50 968
1989	129 645	81 088	98 570	29 022	26 095	14 426	52 199
1990	113 757	73 780	89 047	30 595	24 958	15 376	55 661
1991	125 757	73 036	88 175	30 311	26 684	15 165	58 673
1992	125 653	79 357	97 755	32 329	28 241	15 199	62 304
1993	109 969	85 252	102 202	34 719	28 630	16 168	64 320

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 13. Exports of Forest Products (Value) by Major Commodity Group and Selected Countries, 1961-1993
(Millions of U.S. dollars)

Country/ year	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard		Total forest products
	Roundwood	Softwood lumber	Total			News- print	Total	
A. Canada								
1961	39	343	366	35	332	730	764	1 535
1965	50	457	490	70	459	809	866	1 935
1970	71	614	650	77	753	1 065	1 192	2 743
1975	58	935	961	94	1 789	1 714	1 980	4 881
1980	172	2 794	2 884	274	3 311	3 143	3 883	10 523
1983	222	3 170	3 238	301	2 481	3 250	3 998	10 240
1984	268	3 235	3 306	349	3 019	3 695	4 577	11 519
1985	207	3 318	3 381	355	2 484	3 958	4 794	11 221
1986	268	3 507	3 584	328	2 932	4 079	5 029	12 140
1987	342	4 346	4 449	363	4 128	4 547	5 814	15 095
1988	390	4 438	4 612	441	5 234	5 037	6 903	17 609
1989	321	4 701	4 835	491	5 862	4 786	6 841	18 350
1990	262	4 639	4 779	507	5 234	5 044	7 197	17 987
1991	235	4 527	4 662	440	4 316	5 114	7 295	16 950
1992	280	5 287	5 502	694	4 204	4 774	7 133	17 828
1993	277	7 112	7 378	916	3 608	4 694	7 116	19 301
B. United States								
1961	55	64	84	10	159	23	212	521
1965	127	95	120	23	190	11	317	789
1970	407	163	194	42	464	19	515	1 634
1975	871	348	413	222	897	52	1 101	3 537
1980	2 007	794	1 054	284	1 629	86	2 017	7 083
1983	1 376	603	898	311	1 351	127	1 719	5 725
1984	1 379	539	835	236	1 483	114	1 813	5 810
1985	1 465	498	754	228	1 343	131	1 559	5 421
1986	1 441	643	987	335	1 650	195	1 899	6 384
1987	1 878	854	1 349	442	2 318	210	2 219	8 297
1988	2 583	1 140	1 825	587	2 905	295	2 864	10 876
1989	2 841	1 396	2 051	635	3 521	393	3 157	12 323
1990	2 910	1 346	2 159	751	3 152	318	3 510	12 598
1991	2 702	1 358	2 220	698	2 713	388	4 056	12 487
1992	2 752	1 466	2 519	868	3 150	468	4 352	13 740
1993	3 083	1 504	2 602	926	2 381	497	4 307	13 383
C. World								
1961	709	1 360	1 629	408	1 205	1 001	2 088	6 039
1965	1 012	1 715	2 076	689	1 598	1 125	2 689	8 088
1970	1 896	2 199	2 688	1 146	2 498	1 493	4 336	12 594
1975	3 726	3 896	4 976	2 273	5 344	2 729	9 492	25 866
1980	8 773	9 169	12 342	5 161	9 543	5 293	20 047	56 005
1983	5 910	8 092	10 804	4 650	7 698	5 062	18 529	47 699
1984	5 441	8 032	10 604	4 512	9 065	5 582	20 724	50 450
1985	5 501	7 762	10 128	4 835	7 838	6 046	21 613	50 022
1986	5 904	8 689	11 624	5 478	9 155	6 690	25 805	58 074
1987	7 462	10 163	13 729	7 340	12 486	7 768	32 304	73 455
1988	8 743	11 555	15 803	8 489	15 482	8 755	38 929	87 649
1989	9 065	12 442	17 252	9 385	17 406	8 462	41 042	94 358
1990	9 540	12 702	17 310	10 170	15 794	9 258	45 883	98 896
1991	9 397	12 020	16 814	10 305	13 379	9 307	47 026	97 086
1992	10 137	13 020	19 065	11 440	13 415	8 483	48 755	103 104
1993	10 275	14 704	20 952	12 973	11 268	8 028	43 261	98 954

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.

VIII - 14. Imports of Forest Products (Value) by Major Commodity Group and Selected Countries, 1961-1993

(Millions of U.S. dollars)


Country/ year	Lumber and railway ties			Panel products	Wood pulp	Paper and paperboard		Total forest products
	Roundwood	Softwood lumber	Total			News- print	Total	
A. Canada								
1961	14	16	31	14	8	-	42	108
1965	27	17	36	20	12	-	51	147
1970	30	21	39	36	8	-	48	163
1975	63	79	127	143	28	-	247	610
1980	82	103	251	76	64	-	224	700
1983	102	102	240	95	66	-	338	845
1984	128	90	246	99	94	-	438	1 012
1985	136	86	230	100	91	-	424	986
1986	166	105	280	135	90	-	471	1 148
1987	155	107	344	157	106	-	550	1 320
1988	183	204	488	195	122	-	905	1 898
1989	189	190	415	207	138	-	974	1 928
1990	185	169	376	184	164	-	1 301	2 215
1991	217	213	422	187	119	-	886	1 831
1992	222	131	316	199	150	17	1 043	1 938
1993	223	125	402	240	136	7	1 075	2 080
B. United States								
1961	39	274	315	108	303	687	718	1 483
1965	35	318	375	192	398	790	833	1 836
1970	46	425	487	265	480	930	1 022	2 303
1975	52	835	920	334	1 037	1 457	1 614	3 964
1980	94	1 769	1 915	586	1 673	2 638	3 314	7 592
1983	114	2 647	2 800	853	1 485	2 817	3 734	8 991
1984	96	2 560	2 723	766	1 845	3 370	5 067	10 519
1985	80	2 774	2 942	791	1 517	3 720	5 427	10 781
1986	60	2 842	2 997	852	1 581	3 682	5 621	11 131
1987	83	3 057	3 309	1 099	2 032	4 116	6 466	13 027
1988	107	2 928	3 152	1 088	2 552	4 462	7 405	14 358
1989	112	2 866	3 029	1 119	3 121	4 651	7 828	15 218
1990	92	2 780	2 938	1 121	2 968	4 459	7 822	14 951
1991	82	2 501	2 643	955	2 243	3 979	6 926	12 857
1992	113	3 610	3 816	1 339	2 105	3 767	7 090	14 471
1993	155	5 139	5 411	1 668	1 991	3 776	7 643	16 872
C. World								
1961	939	1 531	1 842	437	1 316	1 128	2 245	6 780
1965	1 358	1 945	2 362	732	1 743	1 253	2 881	9 099
1970	2 721	2 462	3 021	1 184	2 650	1 619	4 568	14 171
1975	5 187	4 293	5 587	2 309	5 594	3 117	10 151	28 911
1980	12 438	10 285	13 969	5 237	9 777	5 758	20 846	62 397
1983	8 016	8 741	11 726	4 754	8 076	5 564	20 088	52 803
1984	7 974	8 489	11 475	4 695	9 388	6 073	22 298	56 025
1985	7 547	8 337	11 225	4 634	8 439	6 536	23 508	55 544
1986	8 210	9 513	12 732	5 505	9 573	7 094	28 416	64 654
1987	10 677	11 268	15 838	7 339	12 979	8 293	33 830	80 916
1988	11 209	12 364	17 393	8 620	15 662	9 187	40 279	93 371
1989	12 525	13 378	19 066	9 530	18 289	9 526	43 858	103 466
1990	11 461	14 358	20 429	11 012	17 321	9 899	49 605	110 038
1991	12 281	13 055	19 094	10 375	15 022	9 587	48 551	105 529
1992	12 677	14 905	21 737	11 932	15 127	8 790	48 503	110 270
1993	13 099	15 706	22 864	13 077	13 349	8 354	45 186	107 799

Source: Food and Agriculture Organization of the United Nations. 1993 Yearbook of Forest Products.



SECTION IX

USER'S GUIDE

- **Definitions of terms**
 - **Trade area groupings**
 - **Reference notes**
- 

USER'S GUIDE

A . Definitions of terms

Balance of trade: The difference between the dollar, or money, value of a country's exports and imports of merchandise or of goods and services. If a country exports more than it imports, it has a trade surplus; if it imports more than it exports, it has a trade deficit. The balance of trade is an important part of a country's overall balance of payments. (International Trade Division)

Cansim (Canadian Socio-Economic Information Management System): A fully computerized data bank of Statistics Canada's current and historical information from its most widely used series of statistics.

Constant dollar: Represents the value of expenditure or production measured in terms of some fixed base period's prices. (Changes in constant dollar expenditure or production can only be brought about by changes in the physical quantities of goods purchased or produced.)

Consumer price index: Measures the rate of change in a typical basket of consumer goods and services, including housing, food, and health care. It can be broken down into food and nonfood items, goods and services, and other components.

Domestic exports: Include goods grown, extracted, or manufactured in Canada, including goods of foreign origin that have been materially transformed in Canada.

Employment, census of manufactures: Excludes working owners and partners of unincorporated businesses, which are separately tabulated, and outside pieceworkers. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those employees at the establishment engaged in processing, assembling, storing, inspecting, handling, and packing products and in maintenance, repair, janitorial, and security services; and working foremen. (Outside pieceworkers' remuneration is included in cost of materials.) Administrative office and other non-manufacturing employees include all functions at head offices, sale offices, and auxiliary units as well as cafeteria workers, research personnel, truck drivers, etc.

Employment, labor force survey: Persons who, during the reference period, a) did any work at all, for pay or profit in the context of an employer-employee relationship, or were self-employed (including unpaid family work, which is defined as work contributing directly to the operation of a family farm, business, or professional practice owned or operated by a related member of the household); or b) had a job but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labor dispute, or other reasons (excluding persons on layoff and those with a job to start at a future date).

Establishment: The smallest unit capable of reporting certain specified input and output data; usually a plant or mill. Numbers for 1975 declined owing to the exclusion of existing establishments deemed to have no paid employees. Principal statistics of an establishment active in more than one municipality are prorated to "quasi-establishment" locations, which are treated as establishments in compilations. (Survey of Manufactures)

Fuel and electricity (cost of): Consumption of purchased fuel and electricity only, at laid-down cost including transportation and handling charges, duties, etc. Applies to large establishments only. Data for nonmanufacturing activity are included under manufacturing activity except where an ancillary office uses a separate "head office" report. In this latter case, the fuel reported is included under cost of materials for "Total Activity" only. (Survey of Manufactures)

Hardwood(s): Trees belonging to the botanical group Angiospermae with broad leaves usually all shed annually. Also, stands of such trees and the wood produced by them.

Implicit price index: The most comprehensive of all the indicators available in Canada for measuring price change, because it covers the entire range of goods and services produced and sold in the economy. It is, therefore, used as a measure of price change taking place in the economy as a whole. Moreover, implicit price indexes are available for each of the main expenditure components of Gross National Product. Therefore, this set of indicators can be used to trace and identify pressure points among the principal areas of demand as they are seen to be associated with inflationary developments in the economy.

Imports: Include all goods that have crossed Canada's territorial boundary, whether for immediate consumption in Canada or stored in bonded Customs warehouses. (International Trade Division)

Indirect taxes: Taxes that represent a business cost or that are incorporated into prices at the retail level are taken here as indirect. They constitute, in effect, taxes on expenditures.

Lumber: The product of saw and planing mills that is not further manufactured beyond sawing, resawing, passing lengthwise through a standard planing machine, crosscutting to length, and matching.

Materials and supplies (cost of): Generally, consumption of purchased items only at laid-down cost including transportation and handling charges, duties, etc. Includes transfers between units of the same company and work done on contract by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations. (Survey of Manufactures)

Mechanical wood pulp: The production of fibers and fiber bundles by grinding wood with pulpstones or by mechanical refiners as opposed to chemical methods.

Paper: Generally, a matted or felted sheet of vegetable fiber, formed on a screen from a water suspension, used for writing and printing as well as for wrapping and many other purposes. Paper is one of two broad subdivisions of the general term "paper"; the other is paperboard.

Paperboard: A general term describing sheets made of fibrous material 0.012 in. (0.3 mm) or more in thickness. Compared with paper, paperboard is heavier per unit area, thicker, and more rigid. Paperboard is the term used to describe any single variety, or group of varieties, of board materials used in the production of boxes, folding cartons, and solid fiber and corrugated shipping containers.

Particleboard: A generic term for a panel manufactured from lignocellulosic materials - commonly wood - essentially in the form of particles (as distinct from fibers). These materials are bonded together with synthetic resin or other suitable binder, under heat and pressure, by a process wherein the interparticle bonds are created wholly by the added binder.

Plywood: A composite panel or board made up of cross-banded layers or plies, bonded with an adhesive, of veneer only, or veneer in combination with a core of lumber, or of particleboard. Generally the grain of one or more plies is roughly at right angles to that of the other plies. An odd number of plies is almost always used.

Production and related workers: See Employment, Survey of Manufactures.

Re-exports: Exports of goods of foreign origin that have not been materially transformed in Canada, including foreign goods withdrawn for export from bonded Customs warehouses. (International Trade Division)

Roundwood: Sections of tree stems, with or without bark. Includes logs, bolts, posts, pilings, and other products still "in the round."

Salaries and wages: These are compiled before deductions for income tax and employee-paid portions of both employee benefits and social insurance. They include payments for regular work, overtime, and paid leave as well as bonuses, commissions paid to regular employees, severance pay, etc. Withdrawals of working owners and partners of unincorporated businesses are excluded. (Survey of Manufactures)

Selling price index: An index that shows changes in the overall inflation rate or the rate of price change for a particular sector of the economy, with the base year equal to 100.

Semichemical pulp: Pulp obtained by mild treatment of wood chips by any of the chemical pulping processes, which remove only part of the lignin from the wood chips, followed by mechanical treatment to complete the separation of individual cellulose fibers.

Shakes: In construction, a type of shingle usually hand split from a bolt and used for roofing or weatherboarding.

Shingles: Thin, rectangular pieces of wood, sawn along the grain and tapering in thickness, used like tiles for roofing and weatherboarding.

Softwood(s): Cone-bearing trees with needle- or scale-like leaves belonging to the botanical group Gymnospermae. Also, stands of such trees and the wood produced by them.

Subsidies: Direct or indirect payments or other assistance to someone to produce goods or services - to benefit the consumer by lower prices, to protect producers against a decline in the price of their products, to encourage certain types of economic production, or to promote certain types of socially desirable activity.

Sulphate (kraft) pulp: A chemical wood pulp obtained by cooking wood chips at high temperature in a solution of sodium hydroxide and sodium sulfide.

Sulphite pulp: A chemical wood pulp obtained by cooking wood chips in a bisulfite-sulfurous acid solution.

Total exports: The sum of domestic exports and re-exports. (International Trade Division)

Value added, manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel, and electricity. (Survey of Manufactures)

Value added, manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel, and electricity. (Survey of Manufactures)

Value added, total activity: Consists of value added, manufacturing activity and value added, nonmanufacturing activity. The latter is calculated by subtracting relevant commodity inputs from nonmanufacturing revenue or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Nonmanufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude nonoperating revenue such as real property rentals, dividends, and interest. (Survey of Manufactures)

Value of shipments of goods of own manufacture: Net selling value of goods made by reporting establishment, or for its account, from its own materials. Excludes discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, and common or contract carriers' charges for outward transportation (but not own carriers' delivery expense). Includes repair and custom revenue, transfer to reporting units of same firm, all exports, and book value of own products shipped the first time on a rental basis. Includes consignment shipments to other countries, but domestic consignment shipments are included in inventory units sold. (Survey of Manufactures)

Veneer: A thin layer or sheet of wood.

Waferboard: A type of particleboard composed of wafers cut from roundwood bolts (mostly poplar) of uniform length and thickness resembling small pieces of veneer. The wafers are bonded together with resin binder, under heat and pressure, by a process similar to that by which particleboard is made.

Working owners and partners: Include only those active in unincorporated businesses. (Survey of Manufactures)

B. Trade area groupings

This is a selection of trade area groupings used in this publication.

Countries are arranged primarily according to geographical location. The country classification employed does not reflect the views or intentions of the Government of Canada on international issues of recognition, sovereignty, or jurisdiction. The trade areas shown in section II (Statistics Canada) and section VIII (FAO) include groupings that are defined as follows:

Central America^a: Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Bermuda^b, British Virgin Islands^b, Cayman Islands^b, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Grenada^b, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat^b, Netherlands Antilles (includes Aruba), Nicaragua, Panama, Puerto Rico, Saint Lucia^b, St. Kitts-Nevis^b, St. Vincent and the Grenadines^b, Trinidad and Tobago, Turks and Caicos Islands^b, and United States Virgin Islands^b.

China, People's Republic: China and Mongolian People's Republic.

Other Europe^a: Albania, Bulgaria, former Czechoslovakia (includes the Czech Republic and the Slovak Republic), Germany (East)^d, Hungary, Poland, and Romania, as well as Austria, Gibraltar, Iceland, Malta, Switzerland (includes Liechtenstein), and former Yugoslavia^a (includes Slovenia, Croatia, Bosnia' Hercegovina, and Macedonia).

European Union (EU) -- formerly referred to as European Economic Community (EEC) : Belgium-Luxembourg, Denmark (includes Faeroe Islands), France (includes Andorra and Monaco), Germany^e, Greece^c, Ireland, Italy (includes San Marino and Vatican City State), Netherlands, Portugal^f, Spain^c, and United Kingdom.

Middle East - African part: Egypt, Ethiopia, Libyan Arab Jamahiriya, Somalia, and Sudan.

Middle East - Asian part: Bahrain, Cyprus, Emirates (United Arab), Iran (Islamic Republic), Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Turkey, Yemen South, and Yemen North.

Oceania: Australia, Cocos Islands, Nauru, New Zealand, and Norfolk Island.

Other Africa: Algeria, Angola, Benin, Botswana, British Indian Ocean Territory^b, Burkina Faso^b, Burundi, Cameroon, Cape Verde, Central African Republic^b, Chad, Comoros, Congo, Côte-d'Ivoire, Djibouti, Equatorial Guinea, French Southern and Antarctic Territories^b (includes Bouvet Island), Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia^b, Niger, Nigeria, Reunion, Rwanda, St. Helena^b, Sao Tome and Principe, Senegal, Seychelles^b, Sierra Leone, South Africa, Swaziland, Tanzania (United Republic), Togo, Tunisia, Uganda, Western Sahara^b, Zaire, Zambia, and Zimbabwe.

Other Oceania: American Samoa^b, Cook Islands^b, Fiji, French Polynesia, Guam^b, Kiribati^b, New Caledonia, Niue^b, Papua New Guinea, Pitcairn Island^b, Solomon Islands, Tonga, Tokelau^b, United States Minor Outlying Islands^b, Vanuatu, Wallis and Futuna Islands^b, and Western Samoa^b.

Scandinavia: Finland, Norway, and Sweden.

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands^b (Malvinas), French Guiana, Guyana, Paraguay, Peru, Surinam, Uruguay, and Venezuela.

South East Asia: Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, and Thailand.

Other Countries not elsewhere specified: St. Pierre and Miquelon, Greenland, and former USSR^f.

^aTo facilitate the comparison with certain studies published by the FAO, Mexico is assigned to Central America instead of North America, and the former USSR is shown outside Europe.

^bCountry names coded only in Statistics Canada publications.

^cGreece joined the EU on January 1, 1981, and Portugal and Spain on January 1, 1986.

^dGermany (East) as of October 1990 is included under Germany.

^eFormerly Federal Republic of Germany. Starting in October 1990, includes trade with Germany (East).

^fFormer USSR includes: Armenia, Azerbaijan, Estonia, Latvia, Lithuania, Belarus, Ukraine, Georgia, Kazakhstan, Kyrgyzstan, Moldavia, Russia, Tajikistan, Turkmenistan, Uzbekistan.

Shipments of roundwood in British Columbia

Beginning in 1980, the operations of "log supply divisions" in the British Columbia coastal region are treated as merchandising activity rather than logging activity. This change has been implemented to eliminate sizeable duplications in logging inputs and shipments. Involved are four establishments (in some of the earlier years there were five establishments). The "log supply divisions" are administrative units that control the distribution of roundwood and wood chips, from each firm's own logging establishments plus outside purchases and some contractor production, to their wood-using mills. Under the procedure used prior to 1980, the shipments by logging establishments to log supply establishments were duplicated by the shipments from the "log supply divisions" to the wood-using mills, although in effect they were only book transfers. The revised figures for 1970-1979 eliminate this duplication.

Discrepancies between production and shipments of roundwood figures

Several explanations for the inconsistency between production and shipments figures are:

1. Inventories fluctuations.
2. Measurement methods vary from province to province. Some firms use methods recommended by provincial governments, but these methods do not always conform to Statistics Canada requirements. Therefore, Statistics Canada must develop its own conversion factors so that it can use the data for analyses and comparisons.
3. Production data are estimates of all logging operations (we arrived at these estimates using information obtained from the provinces and from Statistics Canada), while shipments comprise only quantities declared by firms whose primary activity is logging. Shipments made by small businesses, whose operations are reported in terms of dollar values, and those made by firms to their subsidiaries as part of a vertical integration, are not taken into account. Each of these factors is responsible for lowering the figures by approximately 10 to 15%.
4. Some small businesses have such low production that they are not included in Statistics Canada surveys.

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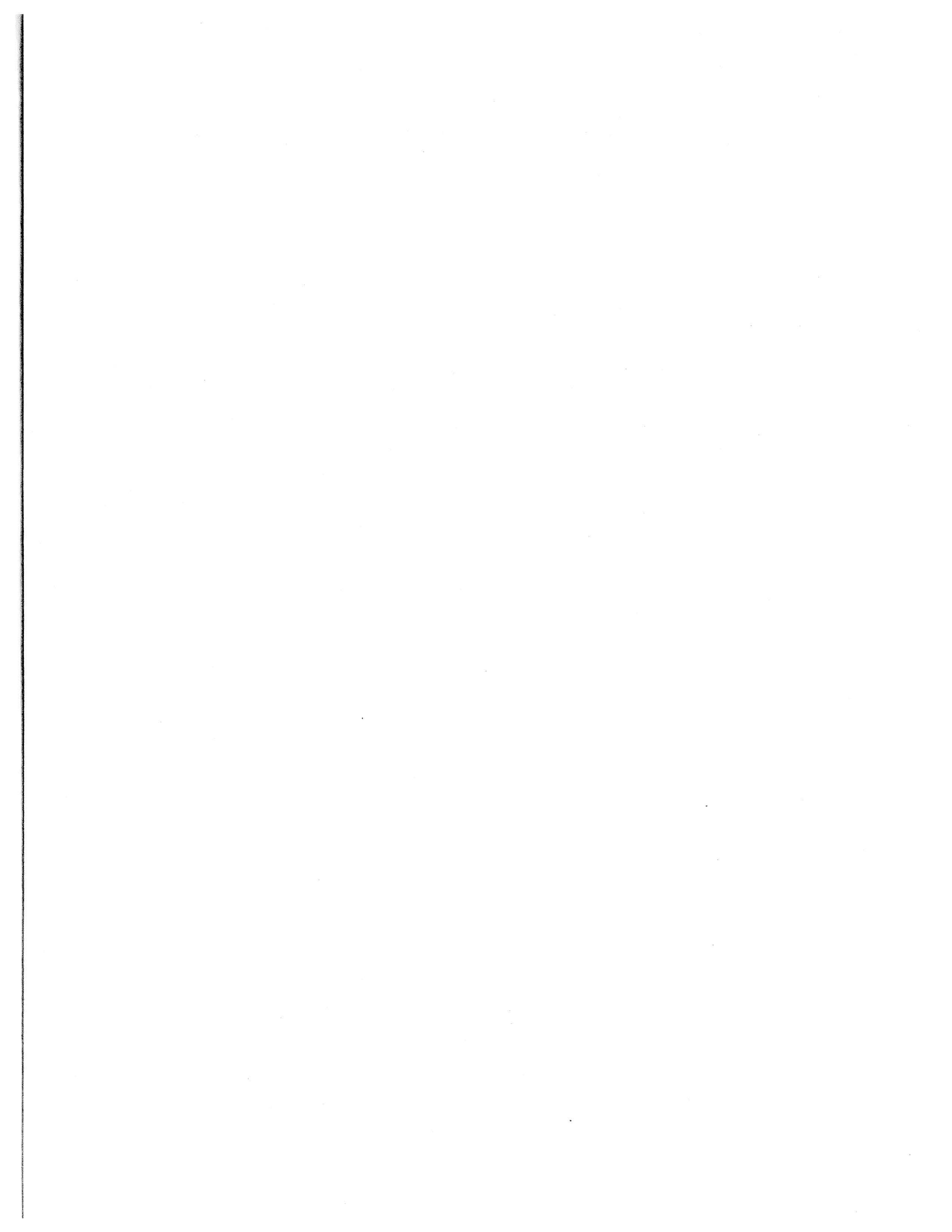
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