

## TABULAR SUMMARIES AND GRAPHS

### ▶▶▶ PLANTING, OWNERSHIP, NUMBER OF FORESTS AND STANDING VOLUME

#### ▶▶▶ TABLE 9.1: NEW LAND PLANTED IN PRODUCTION FOREST IN NEW ZEALAND<sup>1</sup>

YEAR ENDED 31 DECEMBER	NEW LAND PLANTED (000 HA)	YEAR ENDED 31 DECEMBER	NEW LAND PLANTED (000 HA)	YEAR ENDED 31 DECEMBER	NEW LAND PLANTED (000 HA)
1920	1	1965	13	1986	40
1925	14	1966	15	1987	30
1930	37	1967	17	1988	20
1935	12	1968	21	1989	21
1940	2	1969	23	1990	16
1945	0	1970	26	1991	15
1950	3	1971	29	1992	50
1951	3	1972	33	1993	62
1952	3	1973	44	1994	98
1953	3	1974	44	1995	74
1954	4	1975	45	1996	84
1955	5	1976	49	1997	64
1956	5	1977	39	1998	51
1957	5	1978	43	1999	40
1958	5	1979	44	2000	34
1959	5	1980	38	2001	30
1960	6	1981	45	2002	22
1961	7	1982	49	2003	20
1962	9	1983	51	2004	11
1963	11	1984	56	2005	6
1964	14	1985	48	2006	5 <sup>P</sup>

#### Sources

Until 1987 the statistics were compiled by the New Zealand Forest Service. The figures for 1988 to 1991 are estimates from NEFD surveys. The figures from 1992 on are based on nursery surveys undertaken by the Ministry of Forestry and the Ministry of Agriculture and Forestry.

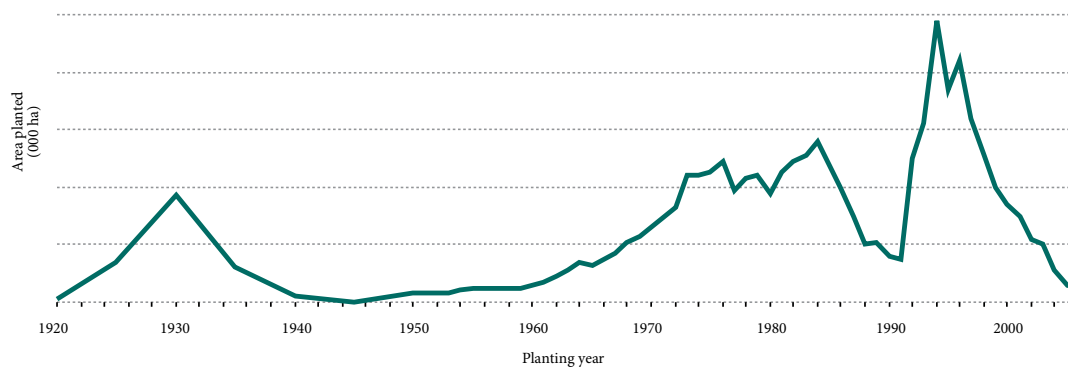
#### Note

1. Prior to 1950 only five-year average annual estimates are available. The areas of new planted forests have been estimated independently from total planted forest areas shown in Table 9.2.

#### Symbol

P Provisional.

#### ▶▶▶ FIGURE 9.1: NEW LAND PLANTED IN PRODUCTION FOREST IN NEW ZEALAND



»» TABLE 9.2: EXPANSION OF PLANTED PRODUCTION FOREST AREA IN NEW ZEALAND<sup>1</sup>

YEAR ENDED 31 MARCH	PLANTED FOREST AREA			YEAR ENDED 31 MARCH	PLANTED FOREST AREA		
	STATE <sup>2</sup> (000 HA)	PRIVATE <sup>3</sup> (000 HA)	TOTAL (000 HA)		STATE (000 HA)	PRIVATE (000 HA)	TOTAL (000 HA)
1921	16	61	77	1976	385	272	657
1926	32	66	98	1977	406	299	705
1931	124	123	247	1978	425	324	749
1936	170	147	317	1979	449	350	799
1941	179	150	329	1980	467	379	846
1946	183	149	332	1981	484	404	888
1951	187	151	338	1982	505	434	939
1952	189	151	340	1983	526	467	993
1953	190	151	341	1984	546	499	1 045
1954	191	151	342	1985	566	529	1 095
1955	192	152	344	1986	583	548	1 131
1956	192	154	346	1987	598	556	1 154
1957	193	155	348	1988	588	626	1 214
1958	194	156	350	1989	607	633	1 240
1959	195	157	352	1990	607	654	1 261
1960	195	157	352	1991	361	928	1 289
1961	199	159	358	1992	356	952	1 308
1962	213	149	362	1993	262	1 066	1 328
1963	220	152	372	1994	267	1 121	1 388
1964	228	156	384	1995	334	1 144	1 478
1965	235	160	395	1996	330	1 212	1 542
1966	241	163	404	1997	169	1 461	1 630
1967	247	167	414	1998	169	1 510	1 679
1968	257	172	429	1999	161	1 570	1 731
1969	270	177	447	2000	151	1 618	1 769
1970	283	182	465	2001	151	1 648	1 799
1971	294	189	483	2002	148	1 666	1 814
1972	306	202	508	2003	146	1 681	1 827
1973	323	215	538	2004	143	1 679	1 822
1974	343	234	577	2005	135	1 676	1 811
1975	362	254	616	2006	125	1 675	1 800

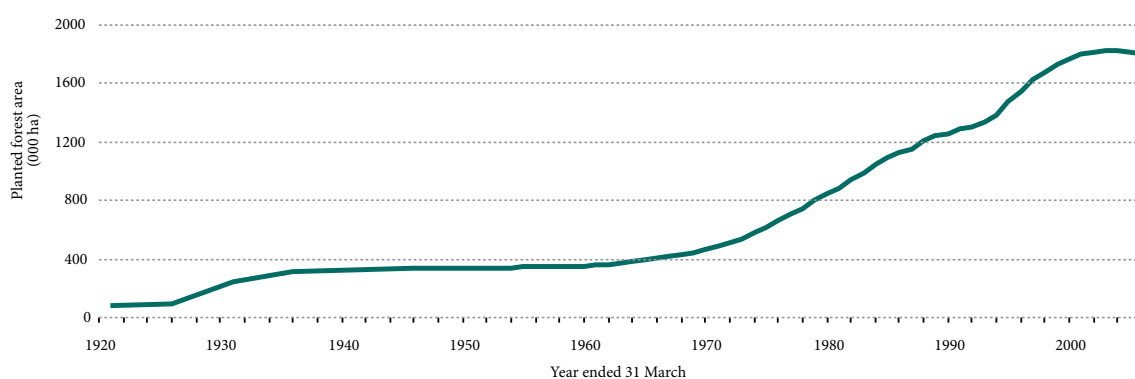
Source

Until 1987 the statistics were compiled by the New Zealand Forest Service. The figures for 1987 onwards are estimates from NEFD surveys.

Notes

1. The total planted forest areas have been estimated independently from new planted forest areas. The areas in this table are not the accumulated sums of new forest planting shown in Table 9.1.
2. Prior to 1987 "State" refers principally to the forests planted or managed by the New Zealand Forest Service. Since 1987 "State" refers primarily to the forests owned or managed by State-owned enterprises and the Māori lease forests managed by the Ministry of Agriculture and Forestry.
3. Private afforestation figures are based on incomplete historical data, and considerable estimation has taken place.

»» FIGURE 9.2: EXPANSION OF PLANTED PRODUCTION FOREST AREA IN NEW ZEALAND



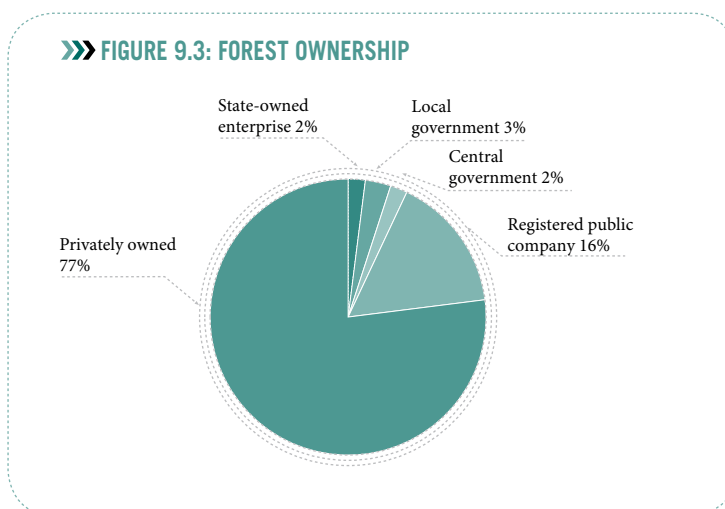
»» TABLE 9.3: FOREST OWNERSHIP, AS AT 1 APRIL 2006<sup>1</sup>

OWNERSHIP CATEGORY <sup>2</sup>	ESTIMATED TOTAL AREA <sup>3</sup> (HA)	% OF ESTIMATED TOTAL
Registered public company <sup>4</sup>	289 022	16
Privately owned <sup>4,5</sup>	1 386 125	77
State-owned enterprise	31 637	2
Local government	49 209	3
Central government <sup>6</sup>	44 059	2
<b>New Zealand total</b>	<b>1 800 052</b>	<b>100</b>

Notes

1. The area of forest owned or managed by major forest owners can be found in the New Zealand Industry booklet, *Facts & Figures 2006/2007*, page 5 (see [www.nzfoa.org.nz/file-libraries/facts-figures/facts-and-figures-2006-2007](http://www.nzfoa.org.nz/file-libraries/facts-figures/facts-and-figures-2006-2007)).
2. Ownership is based solely on the ownership of the forest irrespective of the ownership of the land.
3. Net stocked planted production forest area.
4. Significant changes in forest ownership occurred during 2003, resulting in large areas of forest previously owned by public companies now being privately owned.
5. "Privately owned" includes all privately owned forests. The legal entities included in this category are private companies, partnerships, individuals and trusts, which include Māori trusts and incorporations.
6. "Central government" forests are predominantly Crown-owned forests on Māori leasehold land. These forests are managed by the Ministry of Agriculture and Forestry.

»» FIGURE 9.3: FOREST OWNERSHIP



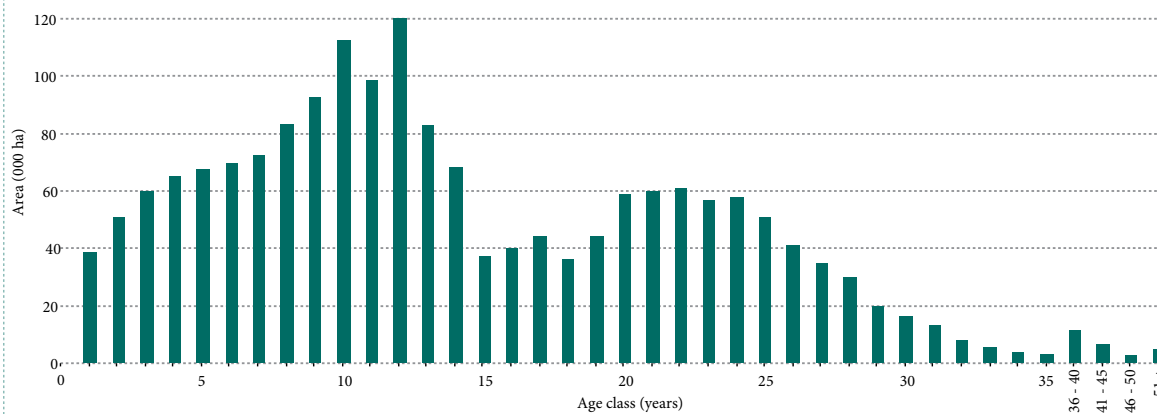
»» TABLE 9.4: FOREST AREA<sup>1</sup> BY ANNUAL AGE CLASS, AS AT 1 APRIL 2006

AGE	AREA (HA)	AGE	AREA (HA)	AGE	AREA (HA)
1	37 920	29	19 216	57	116
2	50 195	30	15 741	58	95
3	58 998	31	12 724	59	150
4	64 320	32	7 338	60	14
5	66 599	33	4 951	61	33
6	68 763	34	3 338	62	90
7	71 454	35	2 623	63	50
8	82 288	36	2 762	64	24
9	91 754	37	2 738	65	25
10	111 255	38	2 019	66	457
11	97 709	39	1 746	67	76
12	118 798	40	1 651	68	78
13	81 864	41	1 375	69	47
14	67 288	42	1 789	70	82
15	36 456	43	1 177	71	64
16	39 170	44	904	72	58
17	43 489	45	657	73	137
18	35 380	46	830	74	140
19	43 397	47	466	75	257
20	57 792	48	354	76	306
21	59 020	49	315	77	188
22	60 331	50	138	78	72
23	55 974	51	130	79	18
24	56 950	52	128	80+	454
25	49 966	53	121		
26	40 552	54	167		
27	34 133	55	71		
28	29 273	56	464		
				<b>New Zealand total</b>	<b>1 800 052</b>

Note

1. Net stocked planted production forest area.

»» FIGURE 9.4: FOREST AREA BY ANNUAL AGE CLASS



Note

1. The area is shown for each age in single years up to 35 years. After this, five-year age classes are shown.

»» TABLE 9.5: NUMBER OF FOREST OWNERS BY SIZE CLASS AND REGION, AS AT 1 APRIL 2006<sup>1</sup>

WOOD SUPPLY REGION	SIZE CLASS					TOTAL
	<40 HA <sup>2</sup>	40-99 HA	100-499 HA	500-999 HA	1000+ HA	
Northland	1 620	147	86	9	13	1 875
Auckland	1 309	45	29	5	7	1 395
Central North Island	1 734	99	67	7	20	1 927
East Coast	259	58	54	8	14	393
Hawkes Bay	662	71	47	3	9	792
Southern North Island	2 809	271	168	14	15	3 277
Nelson and Marlborough	796	202	127	14	12	1 151
West Coast	140	8	7	1	1	157
Canterbury	1 816	107	73	5	10	2 011
Otago and Southland	1 859	160	99	11	16	2 145
<b>New Zealand total</b>	<b>13 004</b>	<b>1 164</b>	<b>745</b>	<b>70</b>	<b>93</b>	<b>15 123</b>

Notes

1. The New Zealand totals do not equal the sum of the wood supply regions because some owners have forests in more than one region. This is particularly the case for large owners in the 1000+ ha size class.

2. The number of owners of forest less than 40 hectares is as at 30 June 2002, from Statistics New Zealand 2002 Agricultural Census.

»» FIGURE 9.5: NUMBER OF FOREST OWNERS BY SIZE CLASS

