

**MANUFACTURING PRODUCTION, AUSTRALIA
JANUARY 1996**

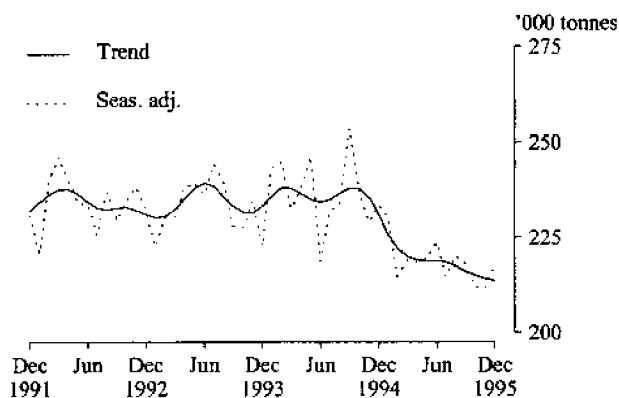
NOTES

This publication presents monthly and quarterly estimates of selected major indicators of manufacturing production for Australia. There are two graphs shown below for each manufactured commodity. The left hand graph shows seasonally adjusted (where available) and trend estimates over the last four years. The right hand graph presents a short term sensitivity analysis of the trend estimates. The sensitivity analysis shows the current trend and two possible scenarios of how the trend might move if the next seasonally adjusted estimate rises or falls by the historical average monthly or quarterly movement for that series.

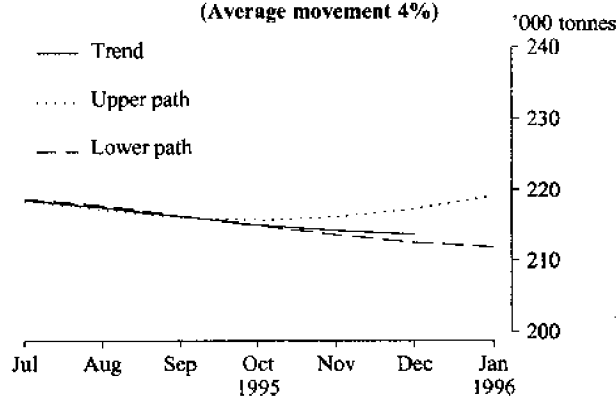
W. McLennan
Australian Statistician

PRODUCTION STATISTICS, AUSTRALIA: LONGER TERM TRENDS(a) AND SHORT TERM SENSITIVITY ANALYSIS

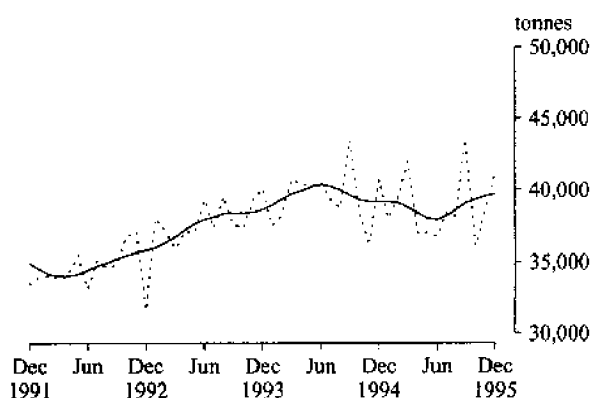
M1. RED MEAT



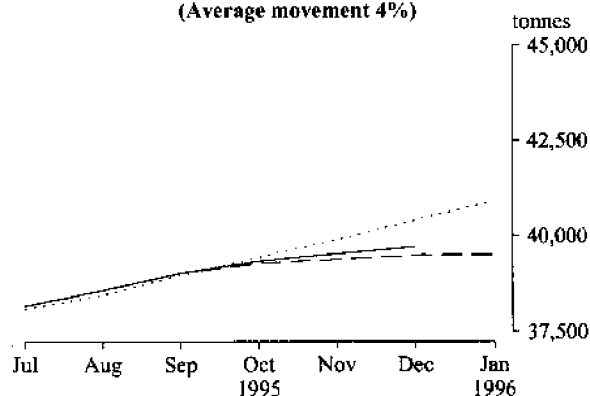
**M1. RED MEAT
(Average movement 4%)**



M2. CHICKEN MEAT



**M2. CHICKEN MEAT
(Average movement 4%)**

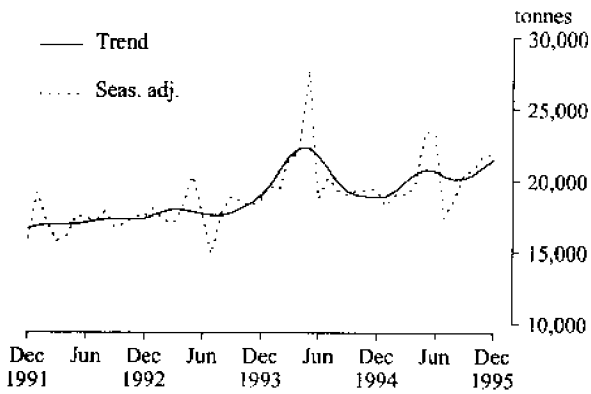


For footnotes see end of tables.

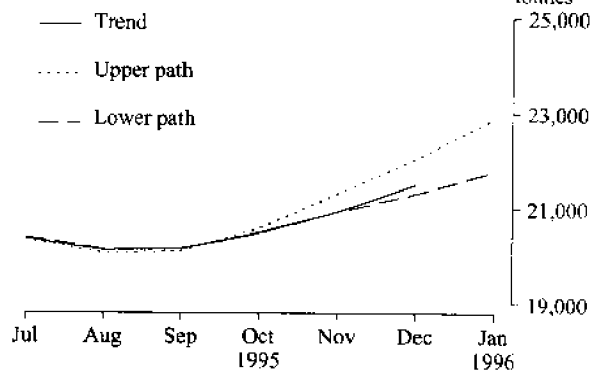
INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Jeffrey Middleton on Sydney (02) 268 4541.
- for information about other ABS statistics and services please refer to the back page of this publication.

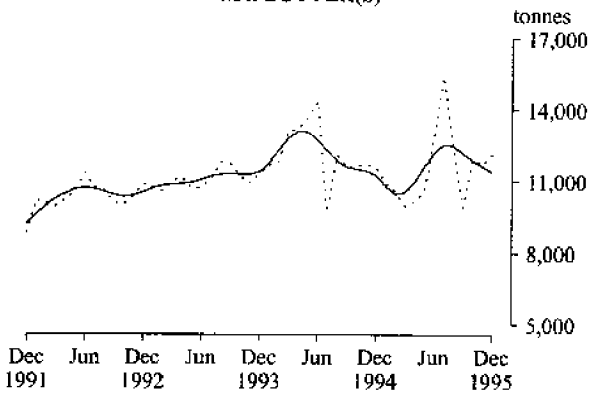
M3. CHEESE(b)



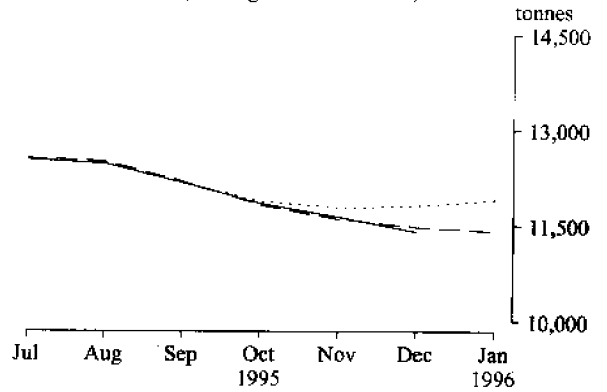
M3. CHEESE(b)
(Average movement 7%)



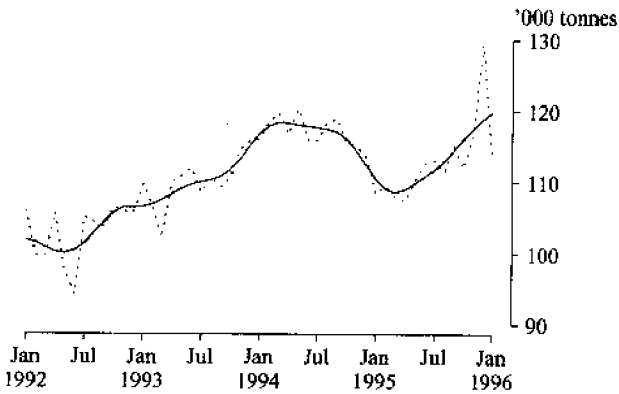
M4. BUTTER(b)



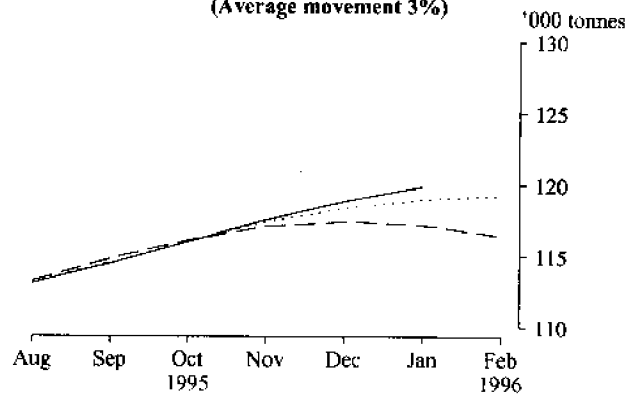
M4. BUTTER(b)
(Average movement 7%)



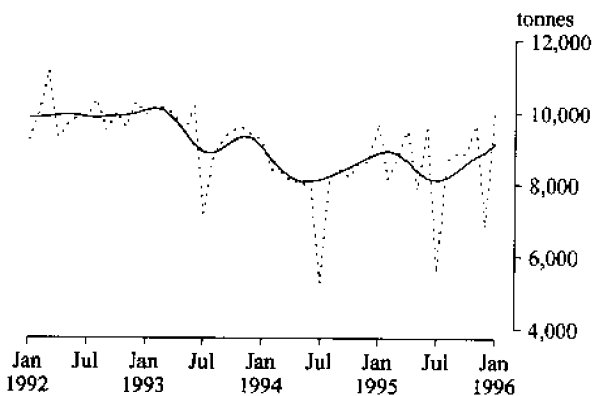
M5. FLOUR OF WHEAT OR OF MESLIN



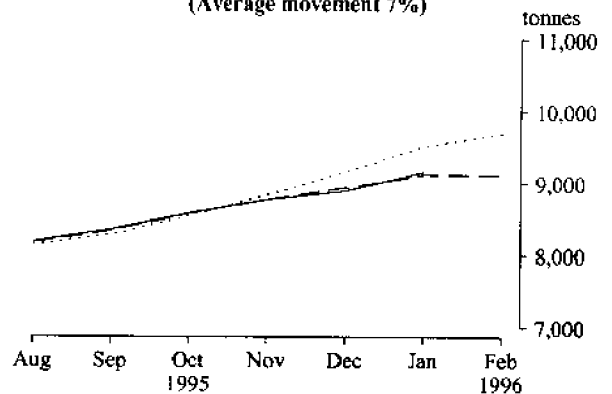
M5. FLOUR OF WHEAT OR OF MESLIN
(Average movement 3%)



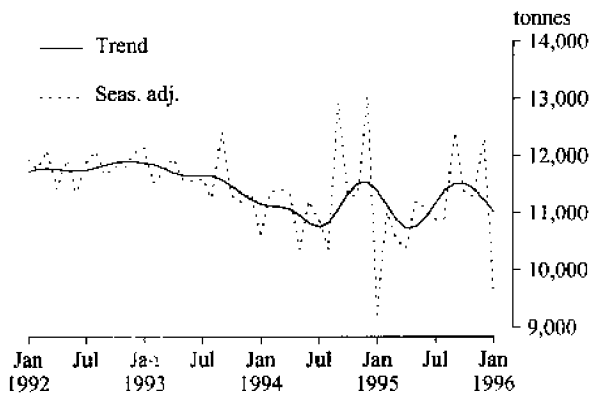
M6. PREPARED FOODS FROM CEREALS



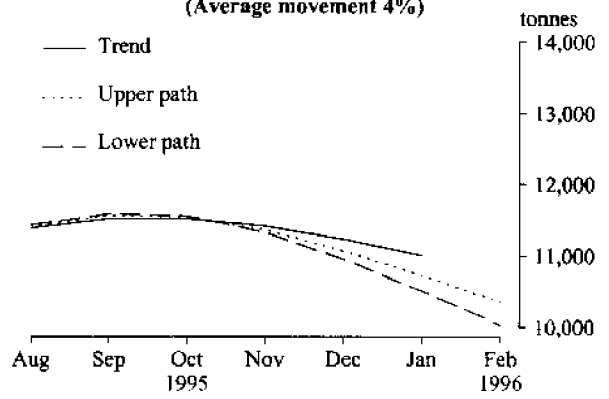
M6. PREPARED FOODS FROM CEREALS
(Average movement 7%)



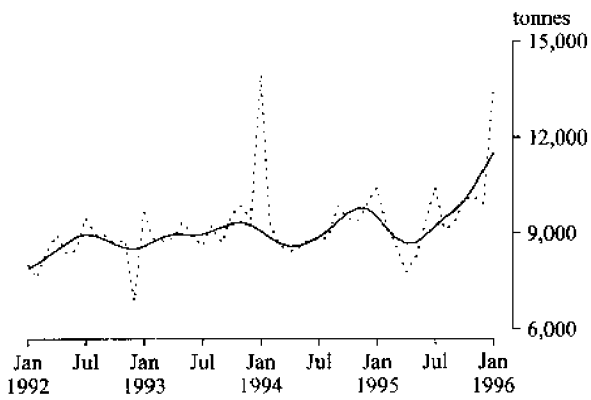
M7. BISCUITS



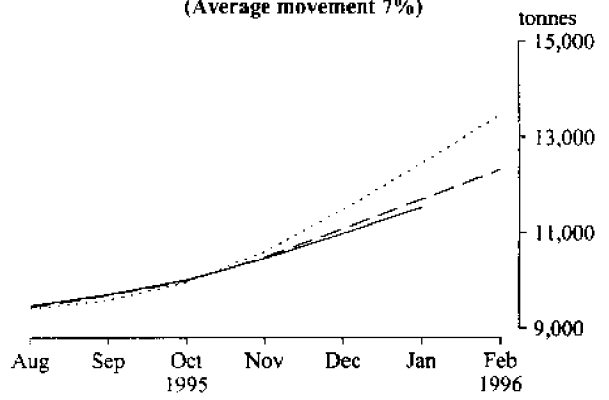
M7. BISCUITS
(Average movement 4%)



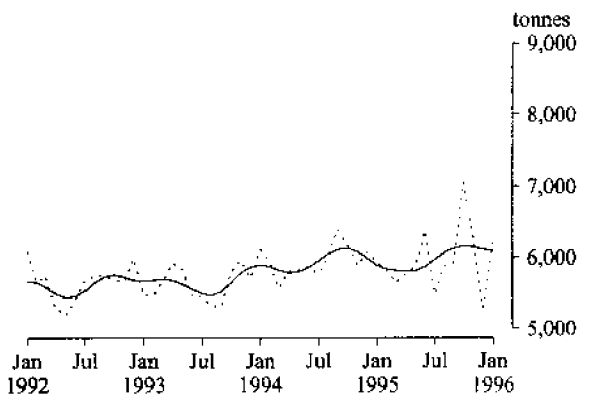
M8. CHOCOLATE BASED CONFECTIONERY



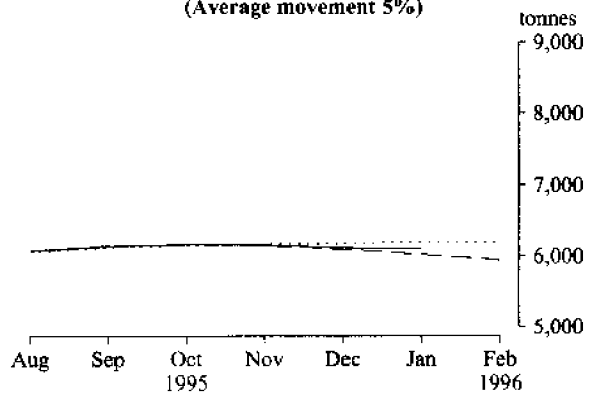
M8. CHOCOLATE BASED CONFECTIONERY
(Average movement 7%)



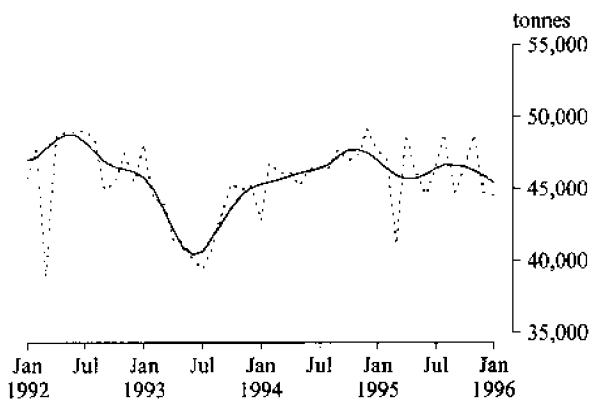
M9. OTHER CONFECTIONERY



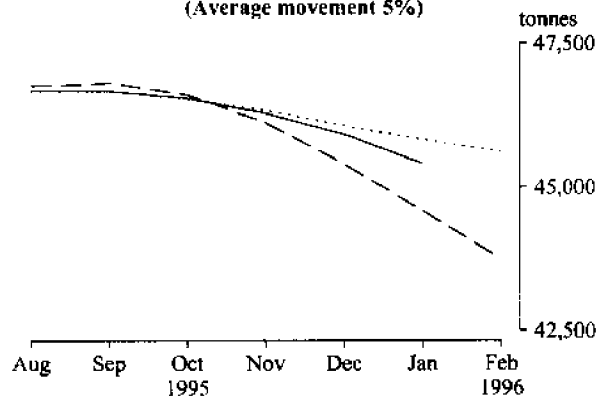
M9. OTHER CONFECTIONERY
(Average movement 5%)



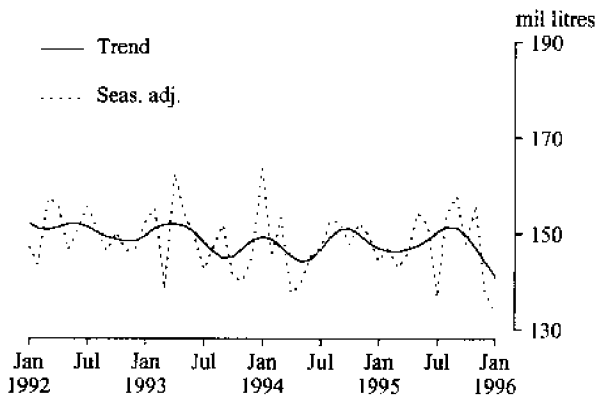
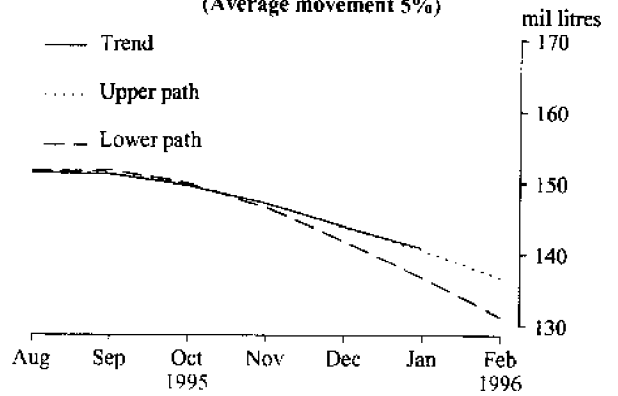
M10. MALT



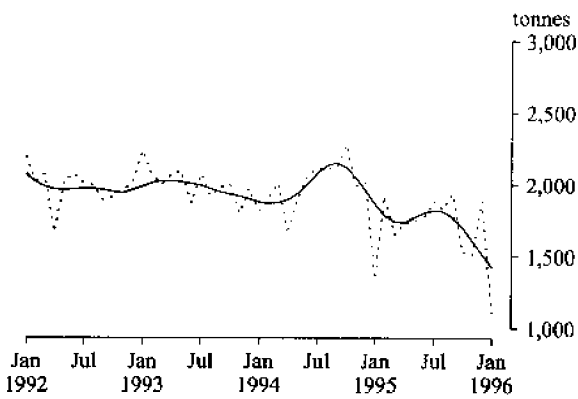
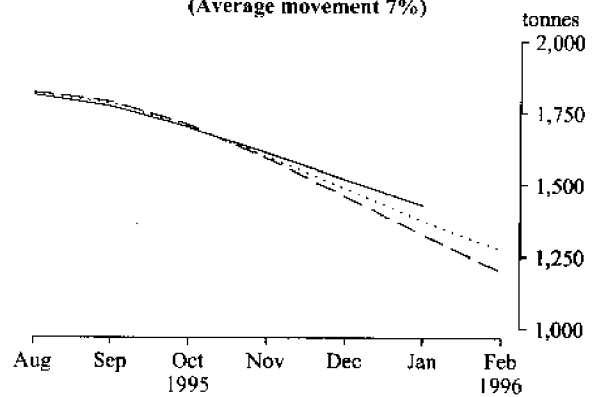
M10. MALT
(Average movement 5%)



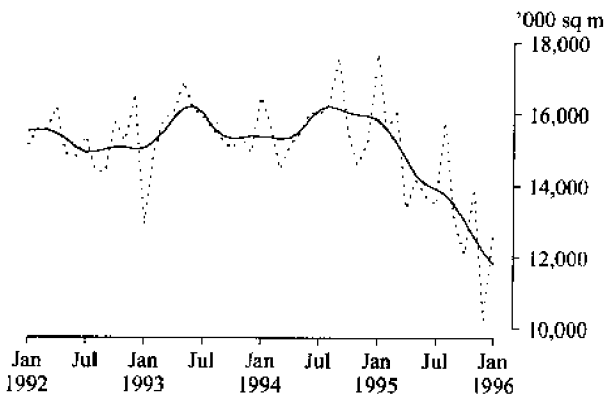
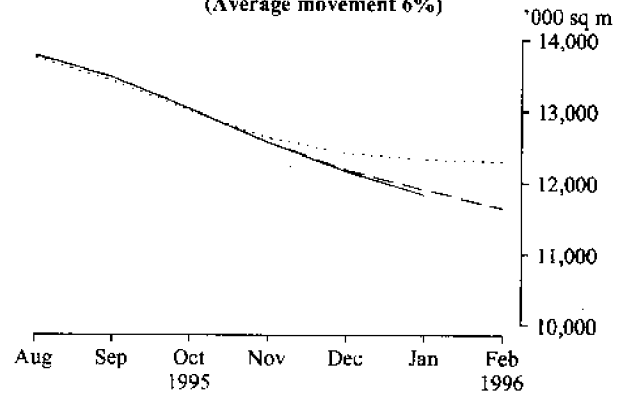
M11. BEER

M11. BEER
(Average movement 5%)

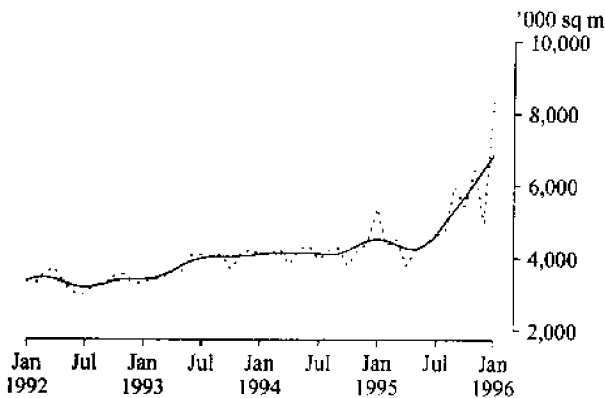
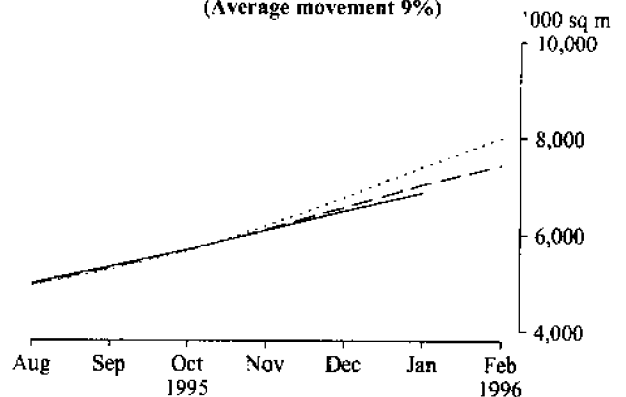
M12. TOBACCO AND CIGARETTES(c)

M12. TOBACCO AND CIGARETTES(c)
(Average movement 7%)

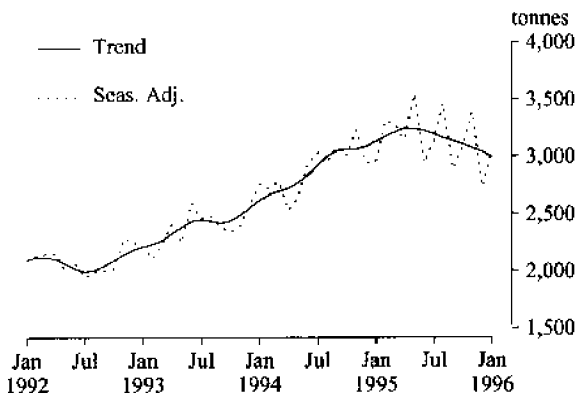
M13. MAN-MADE FIBRE WOVEN FABRIC(f)

M13. MAN-MADE FIBRE WOVEN FABRIC(f)
(Average movement 6%)

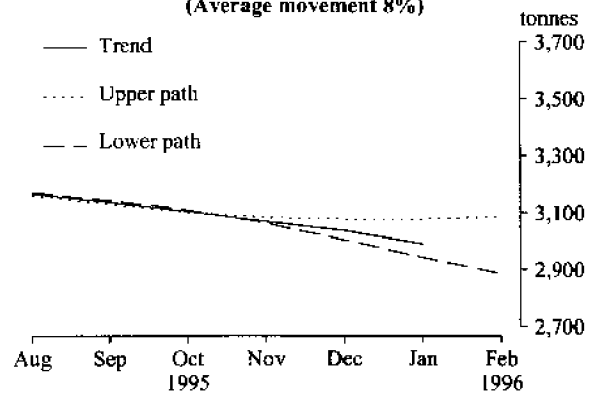
M14. COTTON WOVEN FABRIC(f)

M14. COTTON WOVEN FABRIC(f)
(Average movement 9%)

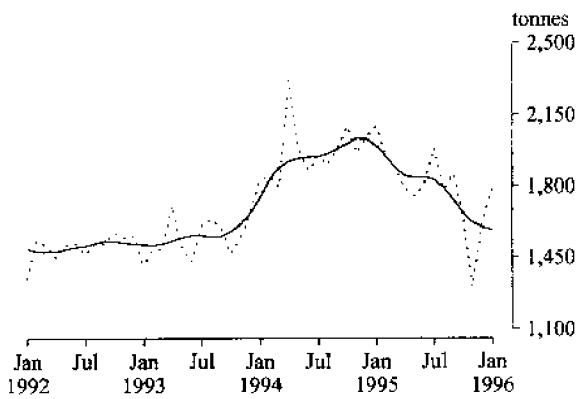
M15. COTTON YARN



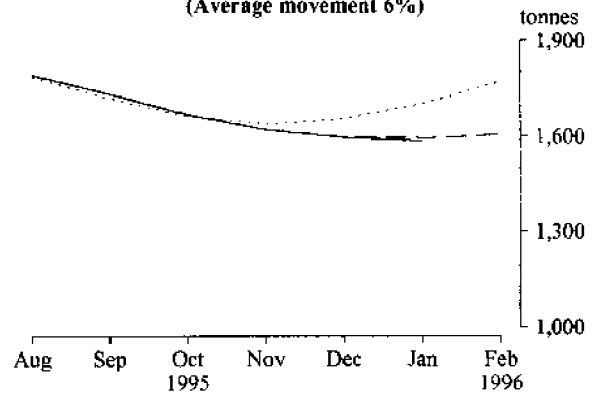
M15. COTTON YARN
(Average movement 8%)



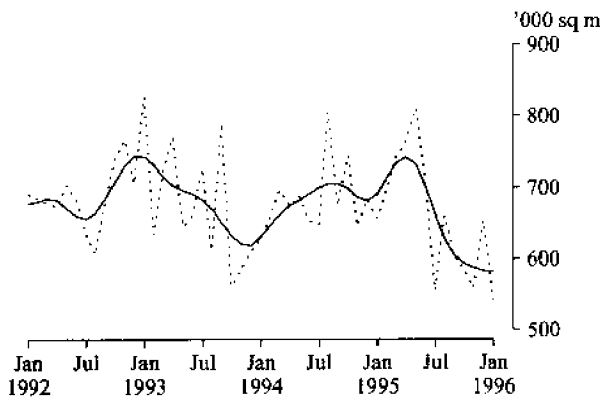
M16. WOOL YARN



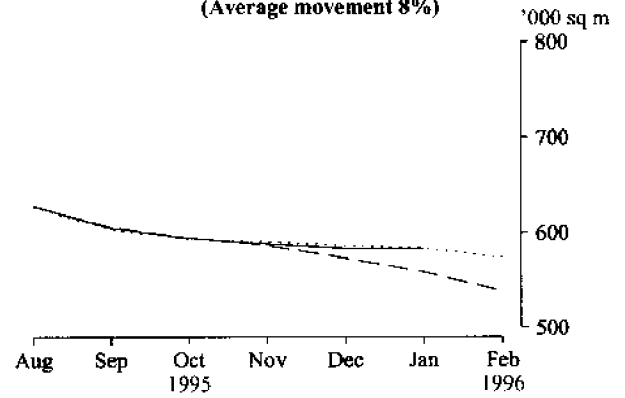
M16. WOOL YARN
(Average movement 6%)



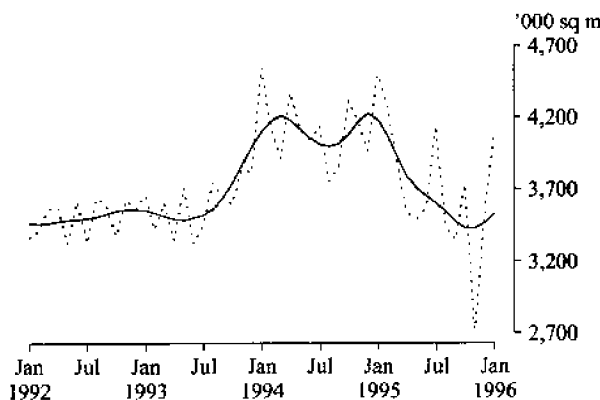
M17. WOOL WOVEN FABRIC



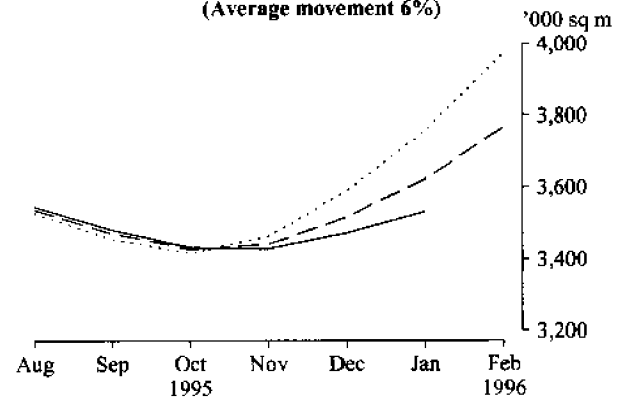
M17. WOOL WOVEN FABRIC
(Average movement 8%)



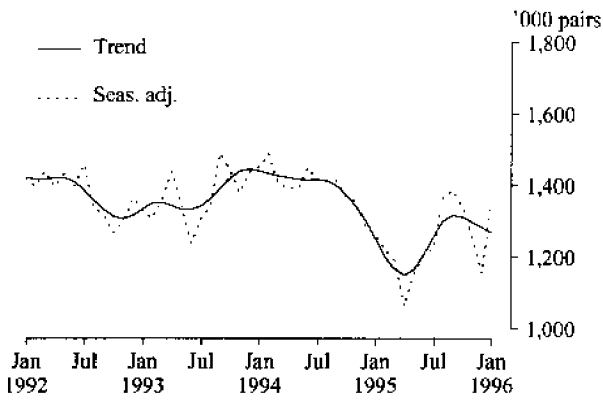
M18. TEXTILE FLOOR COVERINGS



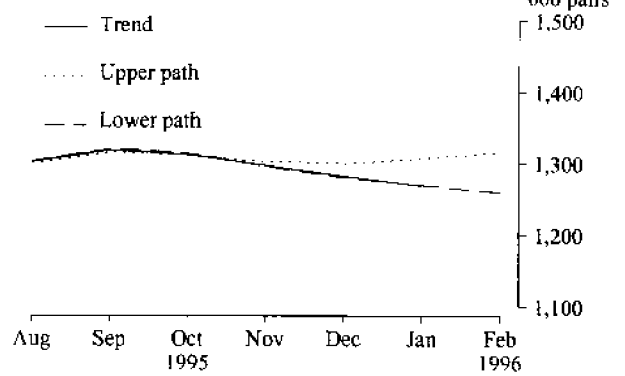
M18. TEXTILE FLOOR COVERINGS
(Average movement 6%)



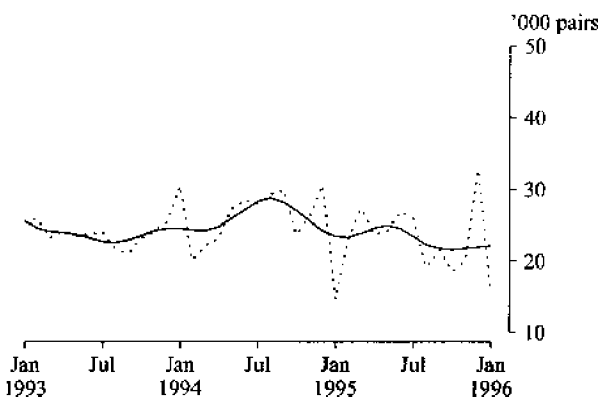
M19. FOOTWEAR (EXCLUDING SPORTS FOOTWEAR)



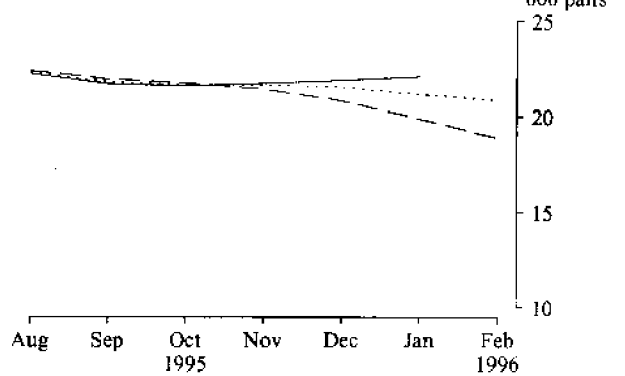
M19. FOOTWEAR (EXCLUDING SPORTS FOOTWEAR)
(Average movement 5%)



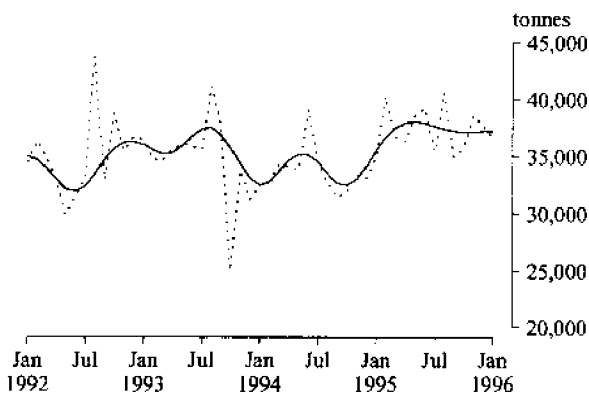
M20. SPORTS FOOTWEAR



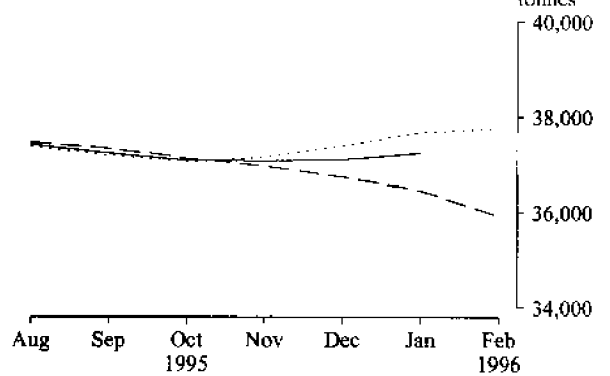
M20. SPORTS FOOTWEAR
(Average movement 15%)



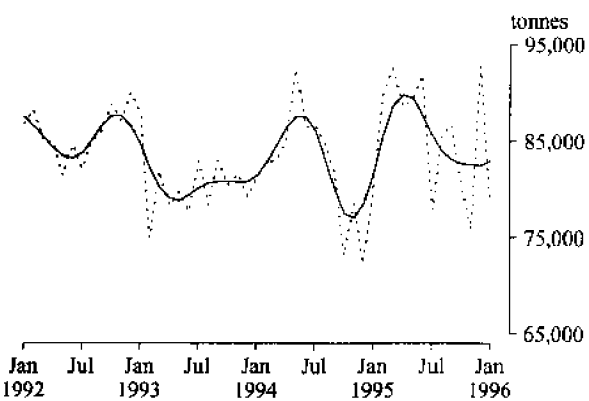
M21. NEWSPRINT



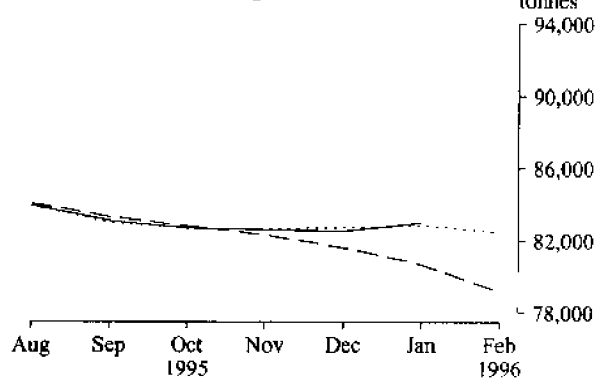
M21. NEWSPRINT
(Average movement 6%)



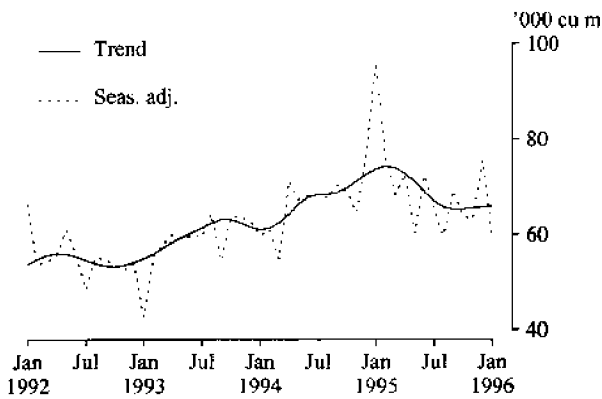
M22. WOOD PULP



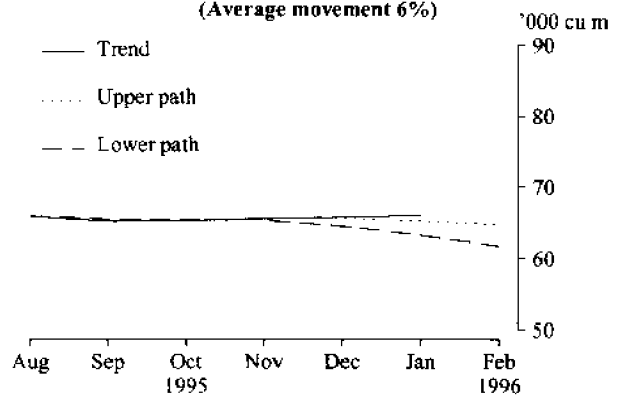
M22. WOOD PULP
(Average movement 4%)



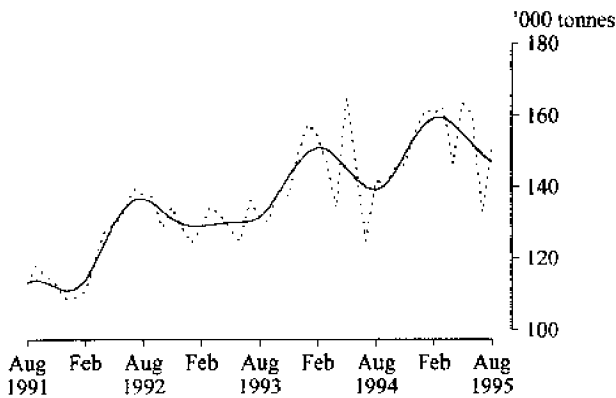
M23. UNLAMINATED PARTICLE BOARD



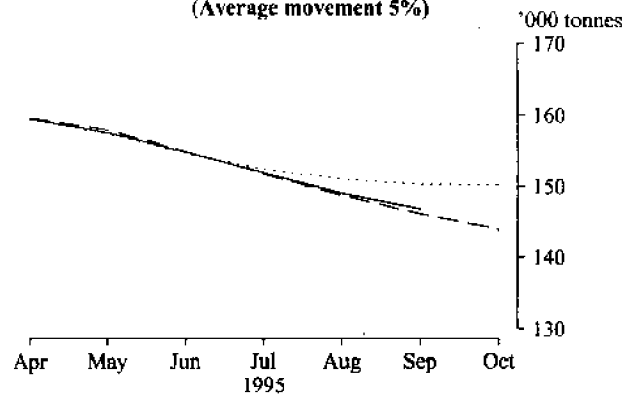
M23. UNLAMINATED PARTICLE BOARD
(Average movement 6%)



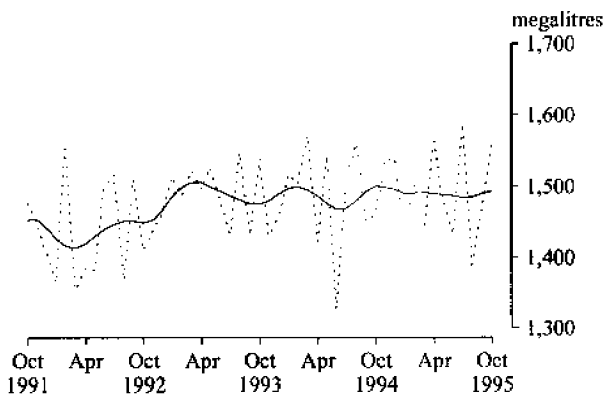
M24. PAPER(g)



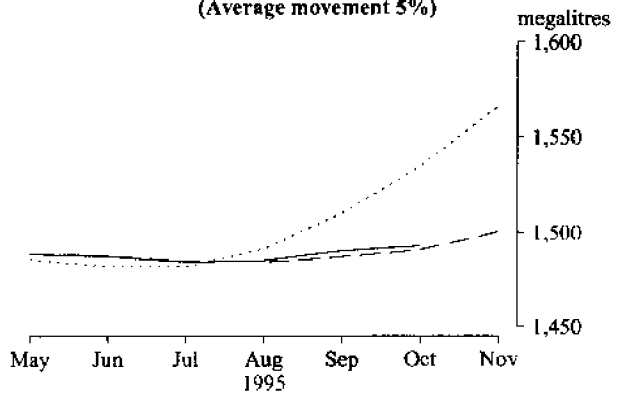
M24. PAPER(g)
(Average movement 5%)



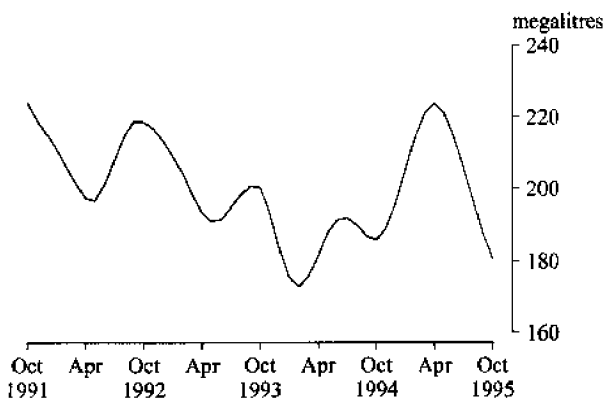
M26. AUTOMOTIVE GASOLINE(d)



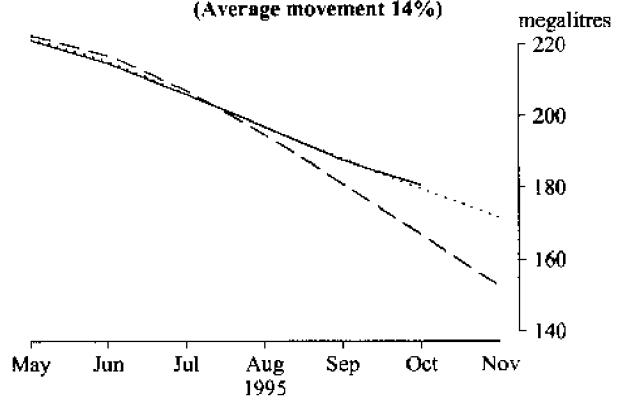
M26. AUTOMOTIVE GASOLINE(d)
(Average movement 5%)



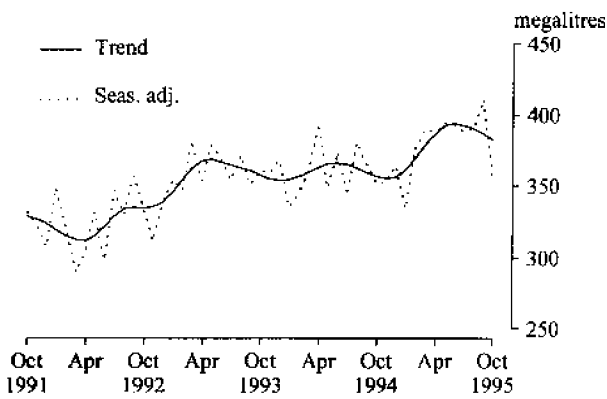
M27. FUEL OIL(d)



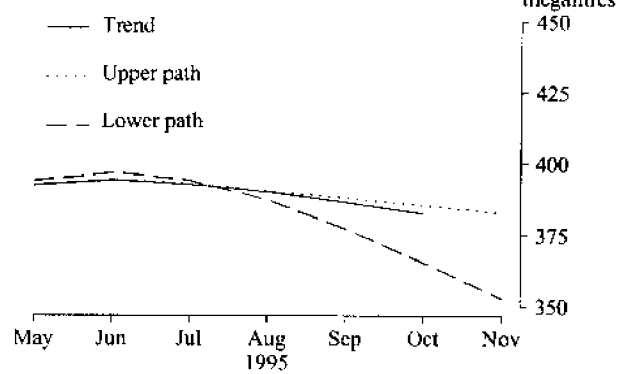
M27. FUEL OIL(d)
(Average movement 14%)



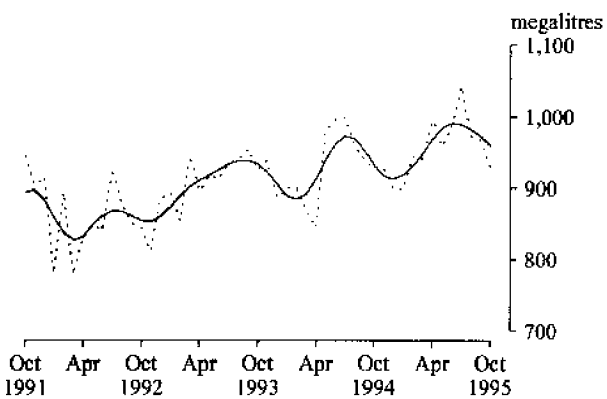
M28. AVIATION TURBINE FUEL(d)



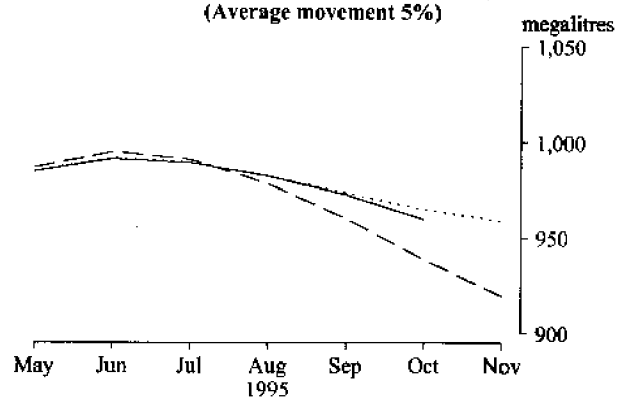
M28. AVIATION TURBINE FUEL(d)
(Average movement 9%)



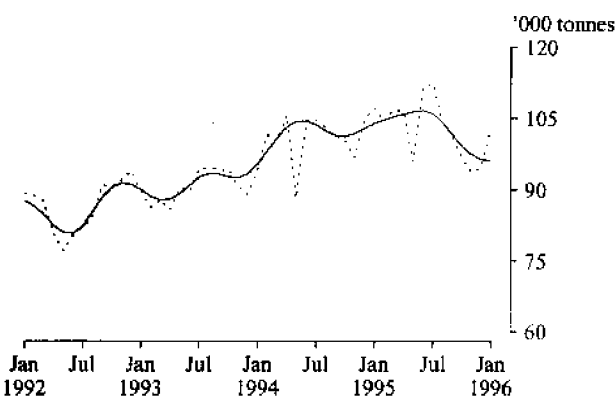
M29. AUTOMOTIVE DIESEL OIL(d)



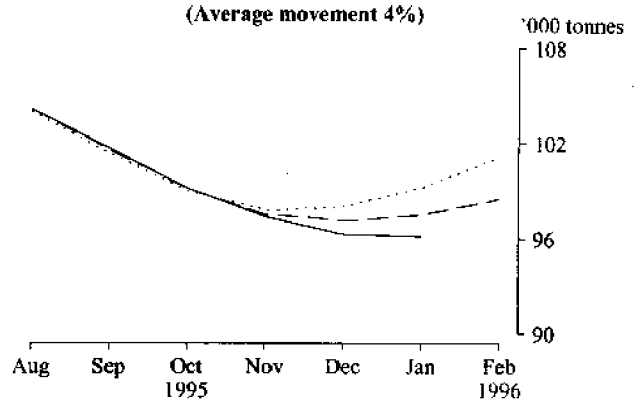
M29. AUTOMOTIVE DIESEL OIL(d)
(Average movement 5%)



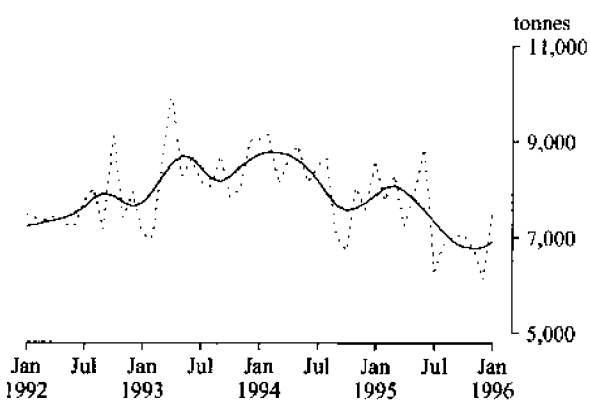
M30. PLASTICS IN PRIMARY FORMS



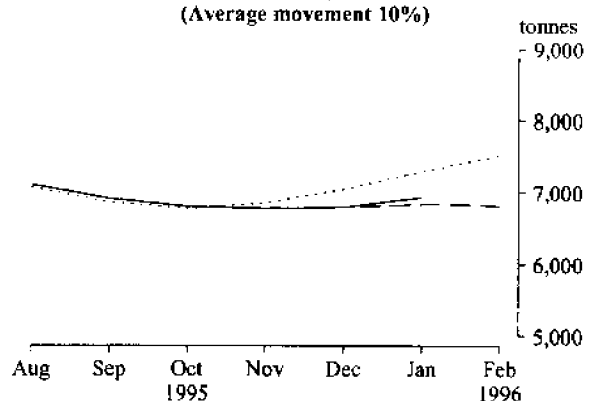
M30. PLASTICS IN PRIMARY FORMS
(Average movement 4%)



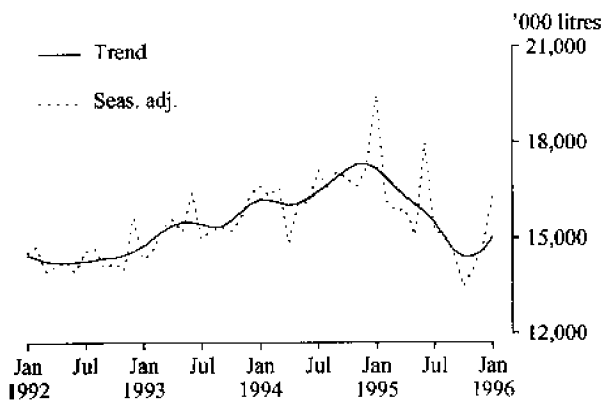
M31. RIGID PVC TUBES, PIPES AND HOSES



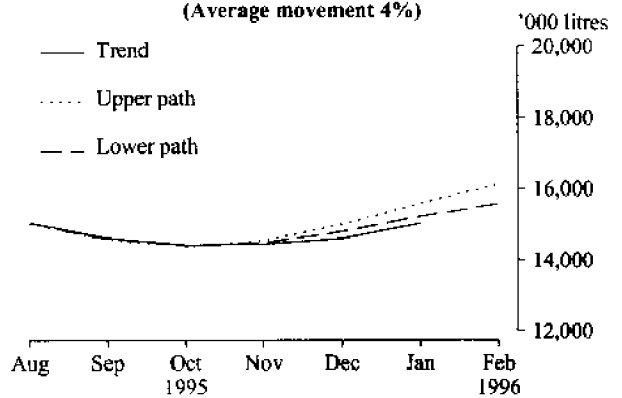
M31. RIGID PVC TUBES, PIPES AND HOSES
(Average movement 10%)



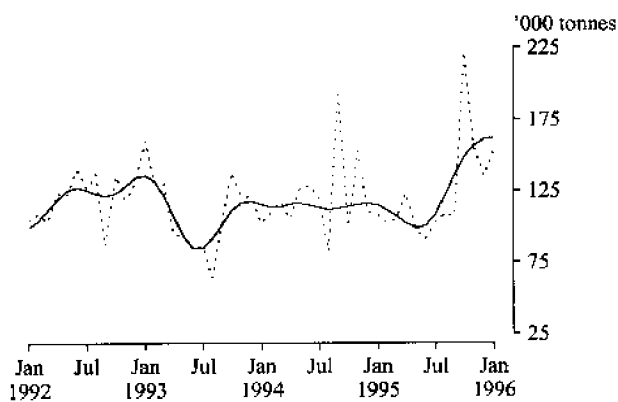
M33. PAINT



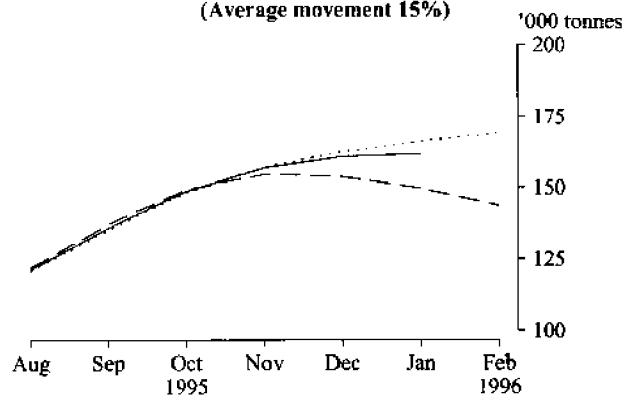
M33. PAINT
(Average movement 4%)



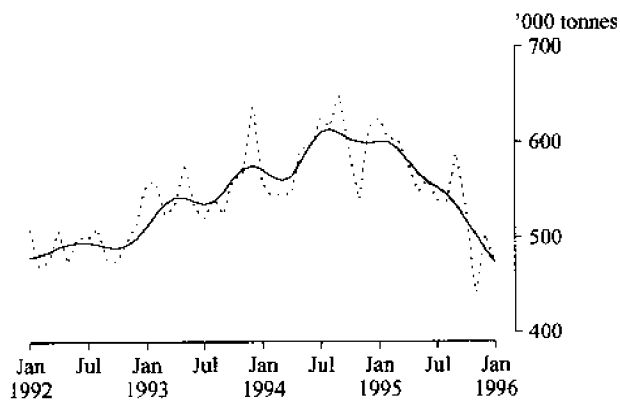
M34. SUPERPHOSPHATES



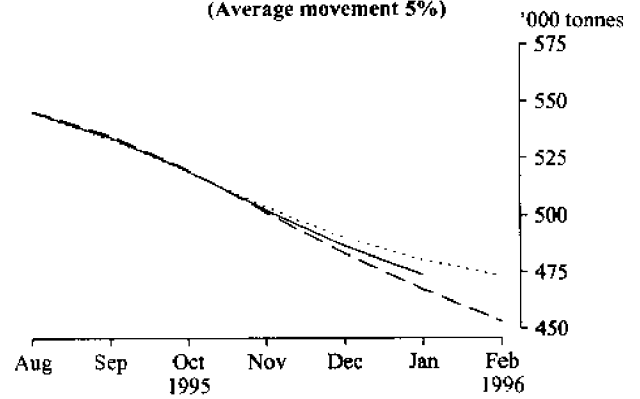
M34. SUPERPHOSPHATES
(Average movement 15%)



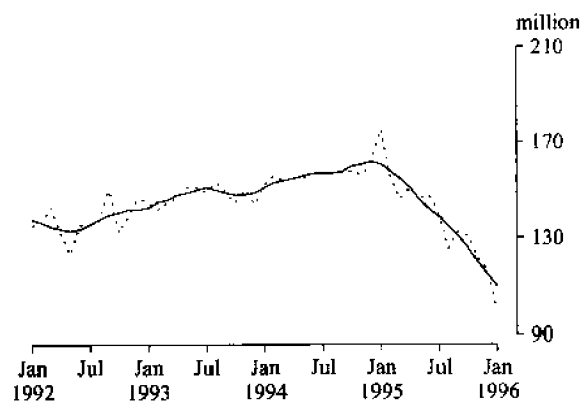
M35. PORTLAND CEMENT



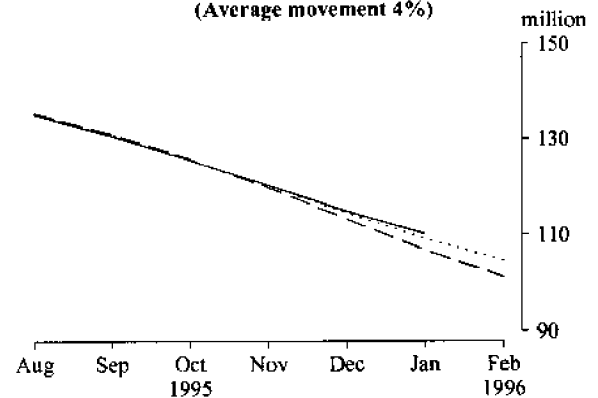
M35. PORTLAND CEMENT
(Average movement 5%)



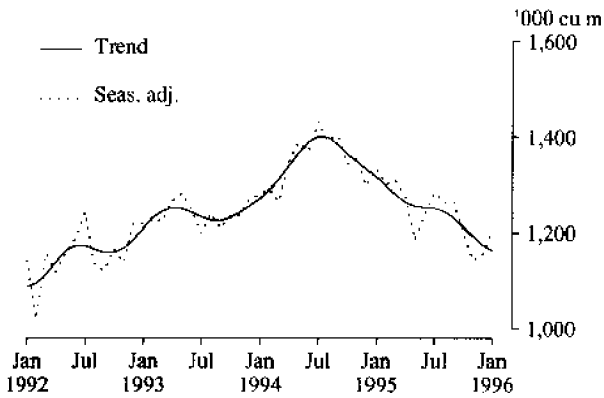
M36. CLAY BRICKS



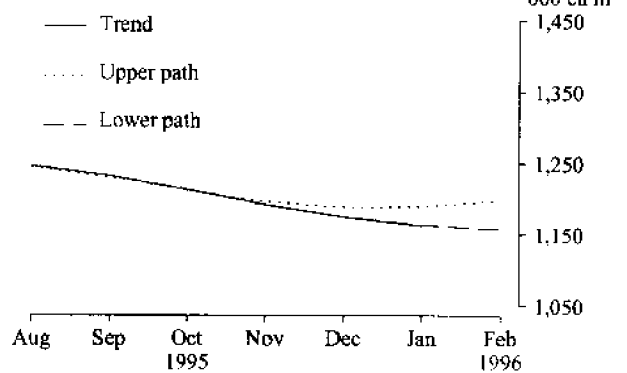
M36. CLAY BRICKS
(Average movement 4%)



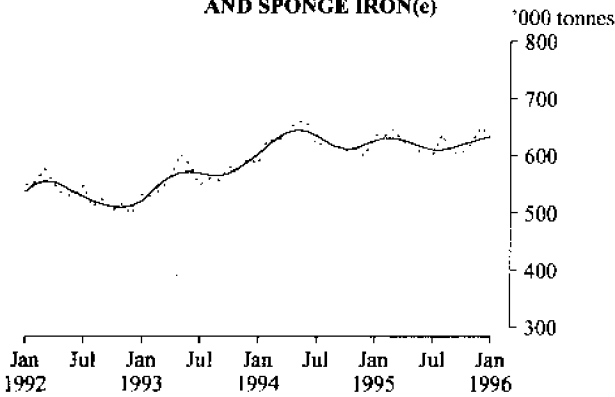
M37. READY MIXED CONCRETE



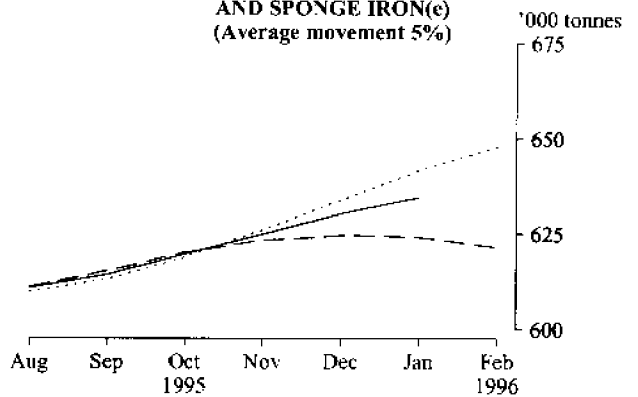
**M37. READY MIXED CONCRETE
(Average movement 4%)**



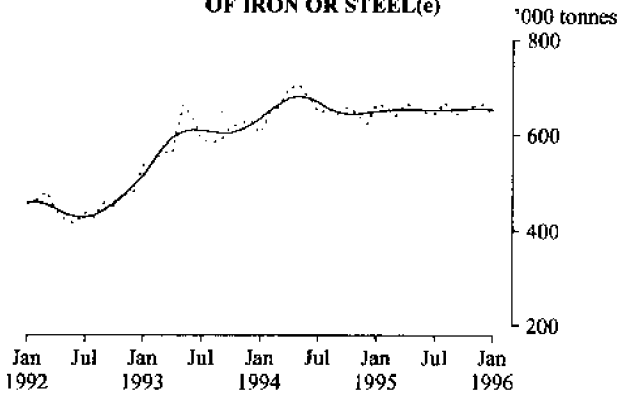
**M38. BASIC IRON, SPIEGELEISEN
AND SPONGE IRON(e)**



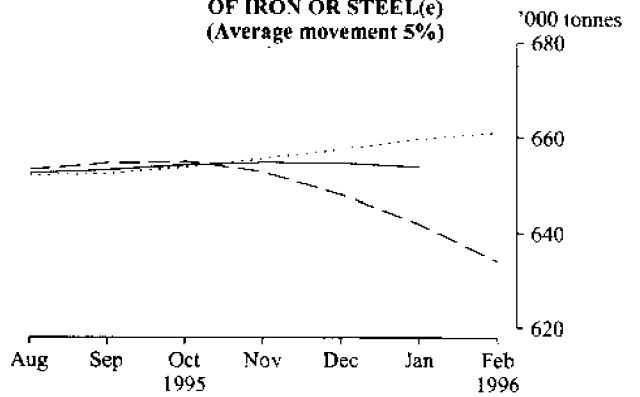
**M38. BASIC IRON, SPIEGELEISEN
AND SPONGE IRON(e)
(Average movement 5%)**



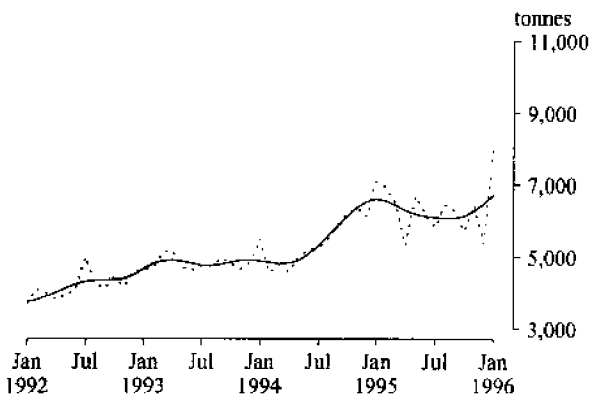
**M39. BLOOMS AND SLABS
OF IRON OR STEEL(e)**



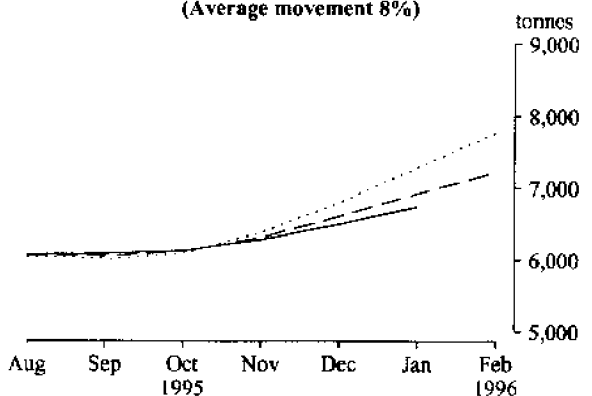
**M39. BLOOMS AND SLABS
OF IRON OR STEEL(e)
(Average movement 5%)**



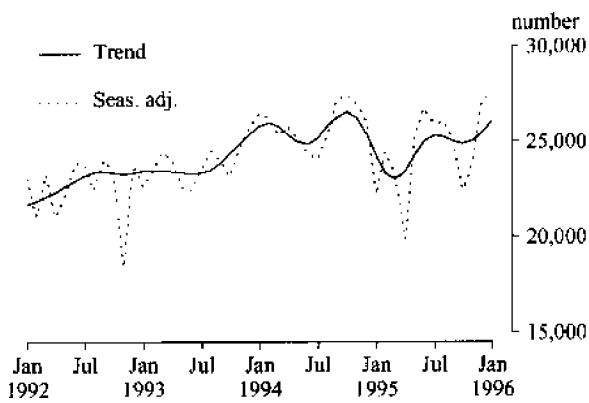
M40. INSULATED WIRE



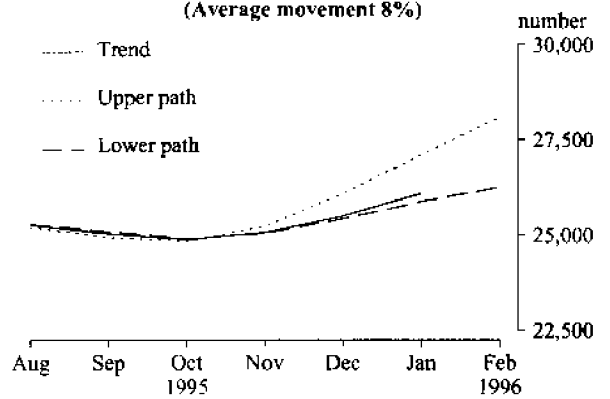
**M40. INSULATED WIRE
(Average movement 8%)**



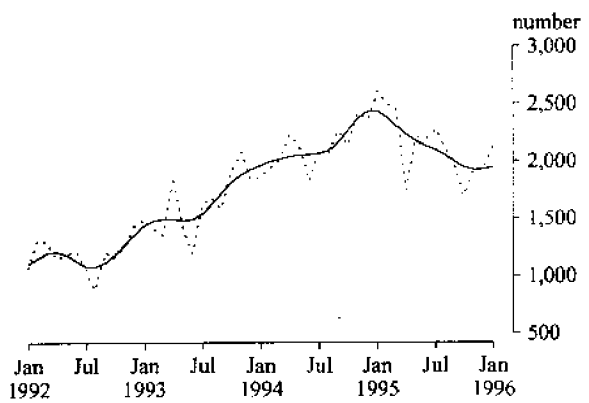
M41. CARS AND STATION WAGONS



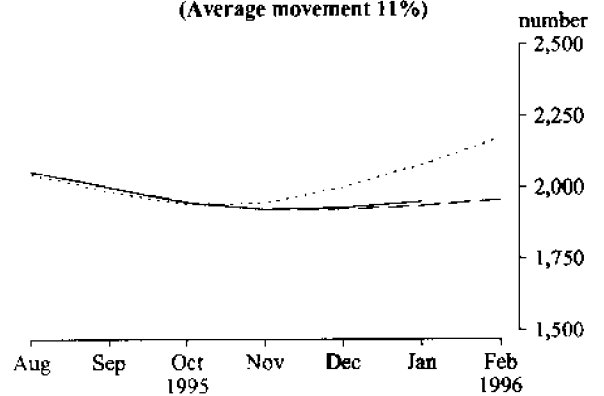
M41. CARS AND STATION WAGONS
(Average movement 8%)



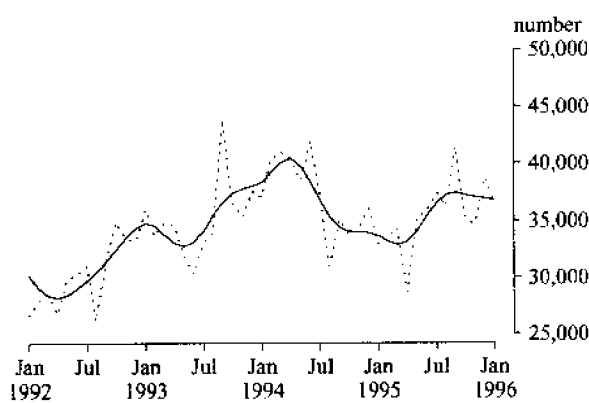
M42. VEHICLES FOR GOODS AND MATERIALS



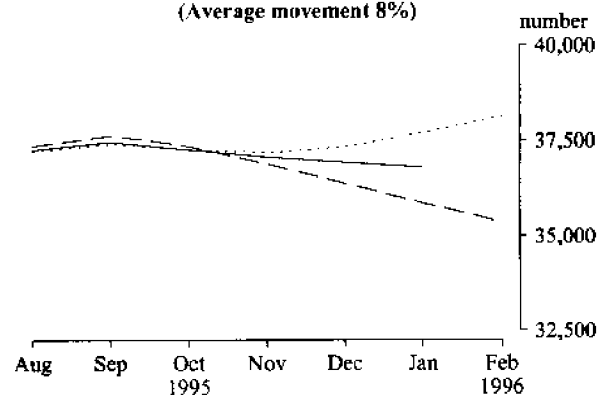
M42. VEHICLES FOR GOODS AND MATERIALS
(Average movement 11%)



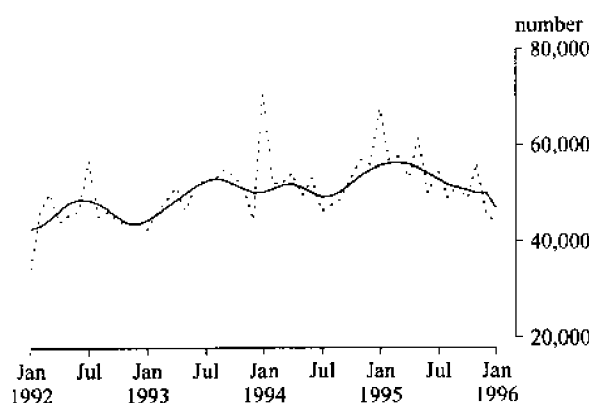
M44. DOMESTIC REFRIGERATORS



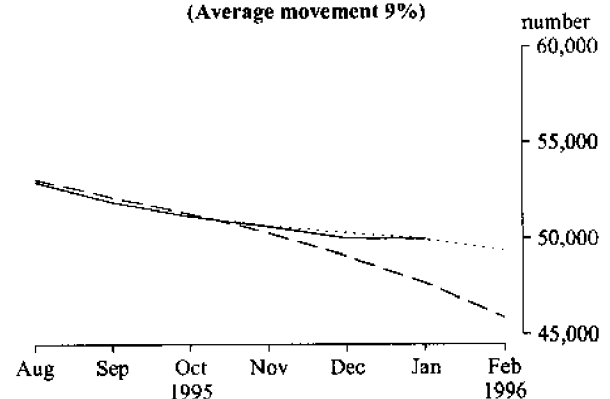
M44. DOMESTIC REFRIGERATORS
(Average movement 8%)



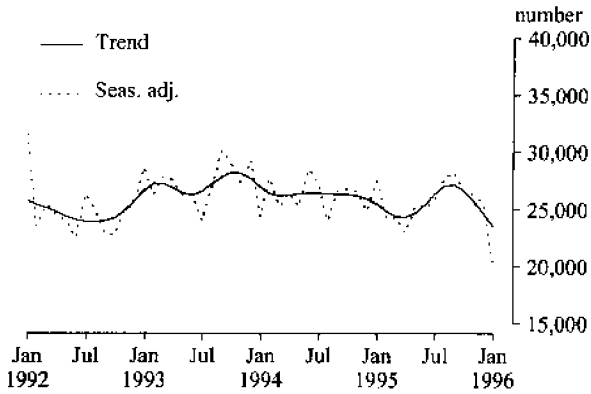
M45. WATER HEATERS



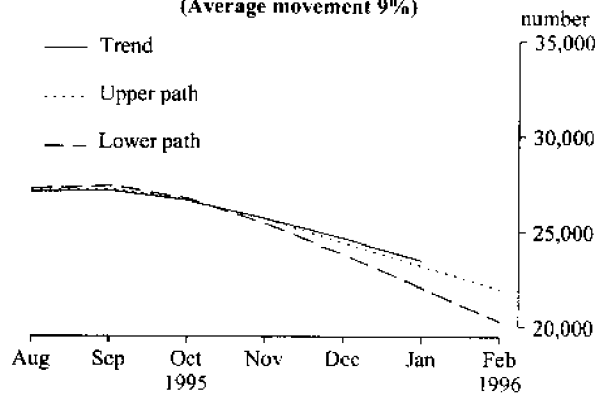
M45. WATER HEATERS
(Average movement 9%)



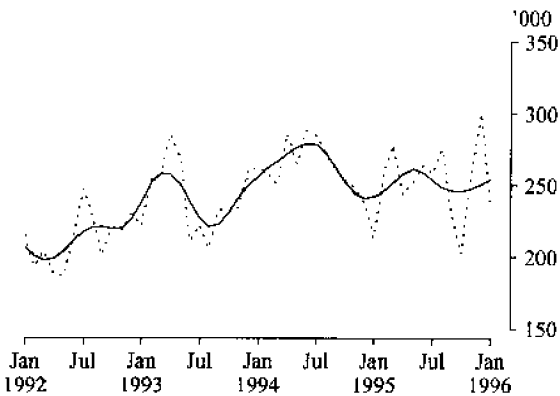
M46. DOMESTIC CLOTHES WASHING MACHINES



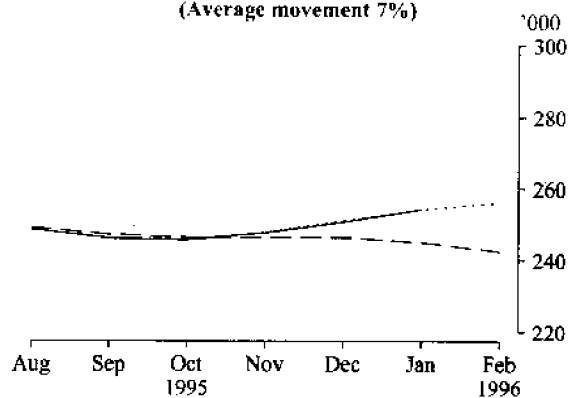
M46. DOMESTIC CLOTHES WASHING MACHINES
(Average movement 9%)



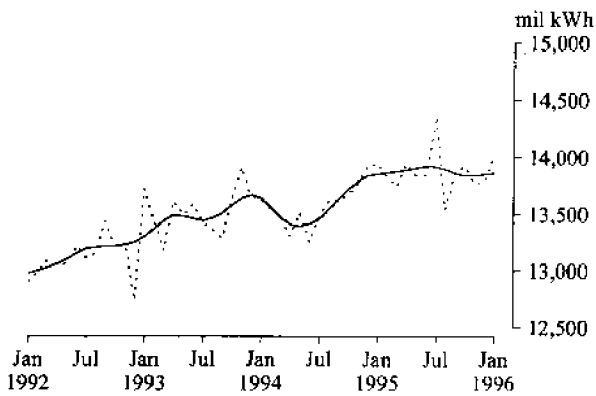
M47. ELECTRIC MOTORS



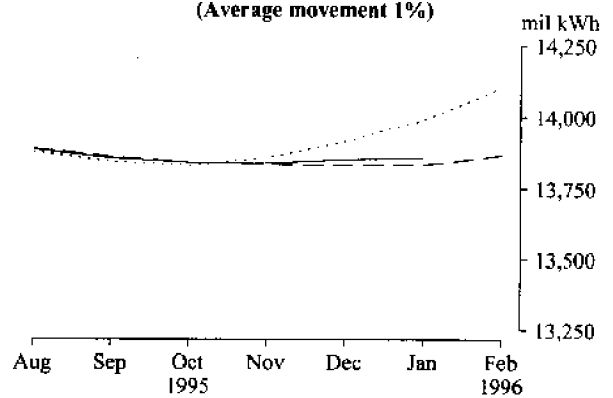
M47. ELECTRIC MOTORS
(Average movement 7%)



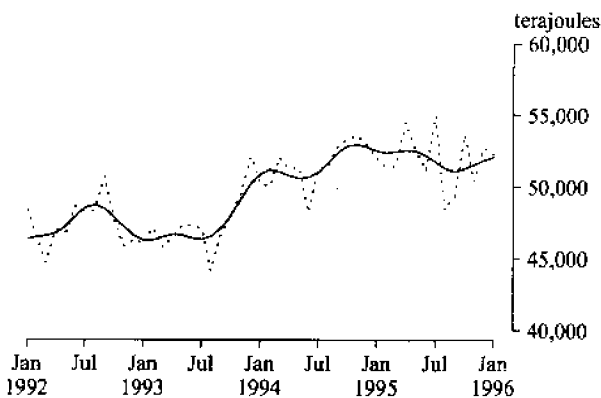
M48. ELECTRICITY



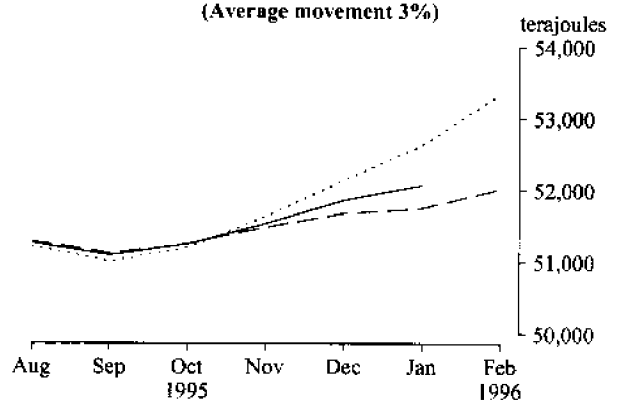
M48. ELECTRICITY
(Average movement 1%)



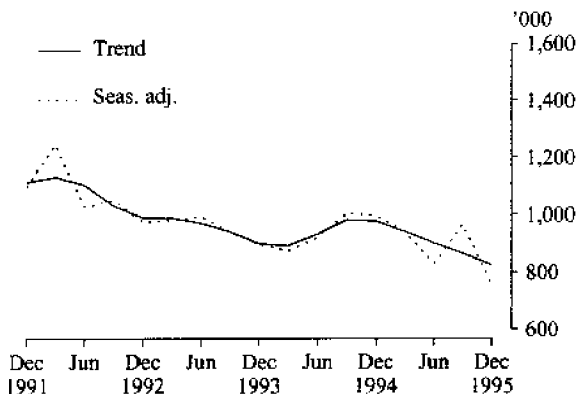
M49. GAS



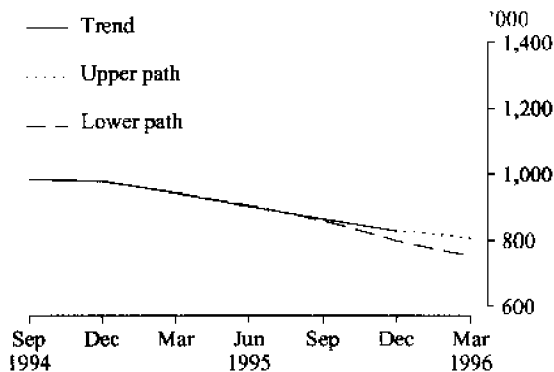
M49. GAS
(Average movement 3%)



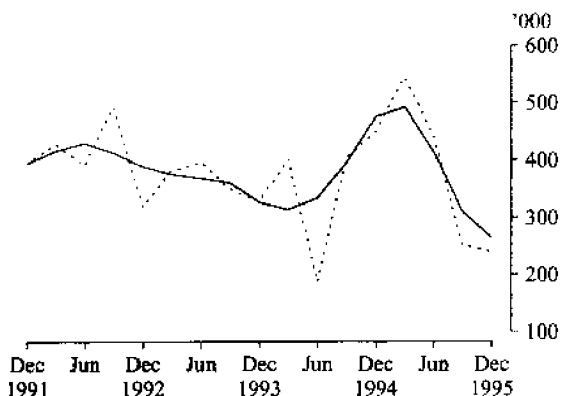
Q1. MEN'S AND BOYS' LONG TROUSERS



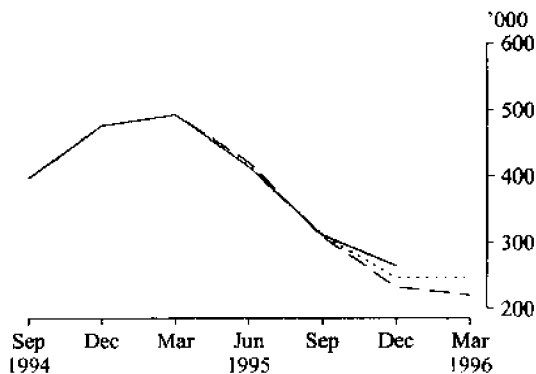
Q1. MEN'S AND BOYS' LONG TROUSERS
 (Average movement 7%)



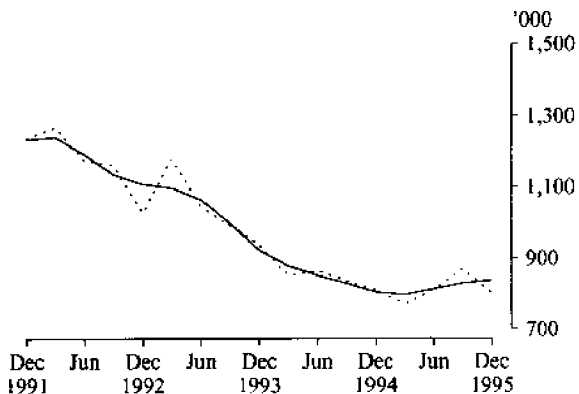
Q2. WOMEN'S AND GIRLS' LONG TROUSERS



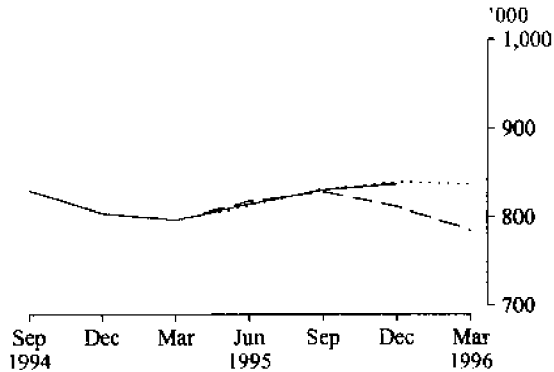
Q2. WOMEN'S AND GIRLS' LONG TROUSERS
 (Average movement 11%)



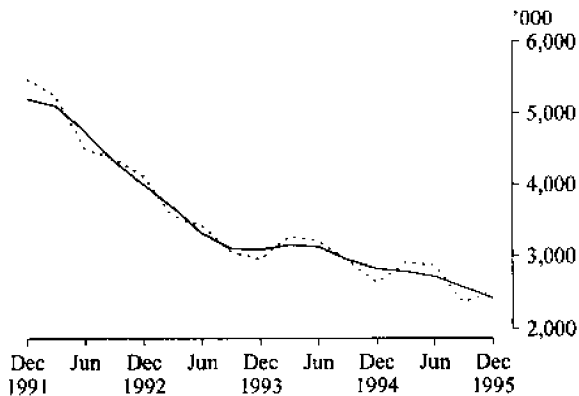
Q3. JEANS



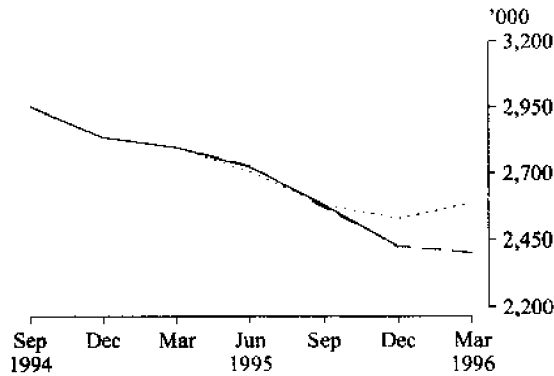
Q3. JEANS
 (Average movement 6%)



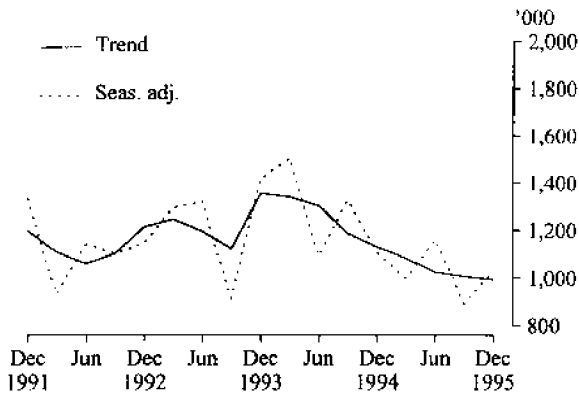
Q4. MEN'S AND BOYS' SHIRTS



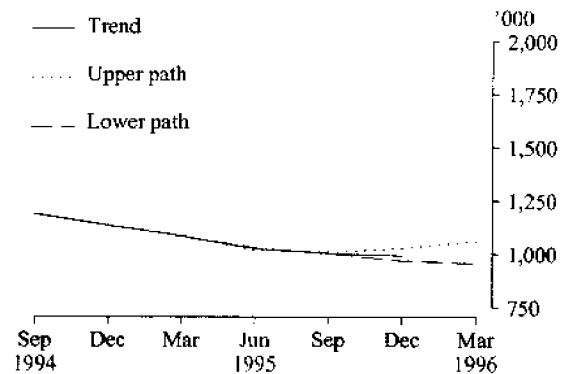
Q4. MEN'S AND BOYS' SHIRTS
 (Average movement 7%)



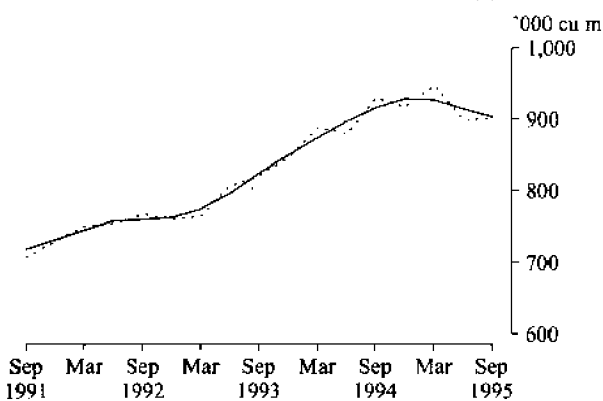
Q5. WOMEN'S SHIRTS AND BLOUSES



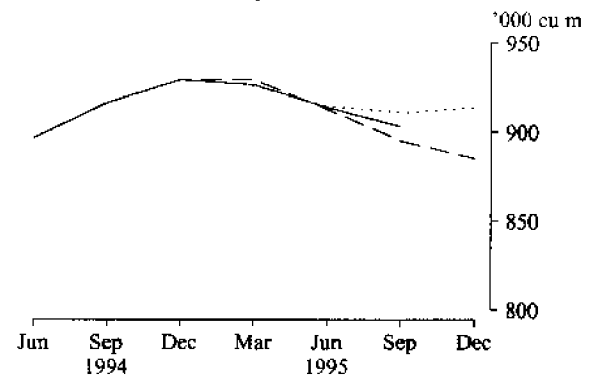
Q5. WOMEN'S SHIRTS AND BLOUSES
(Average movement 11%)



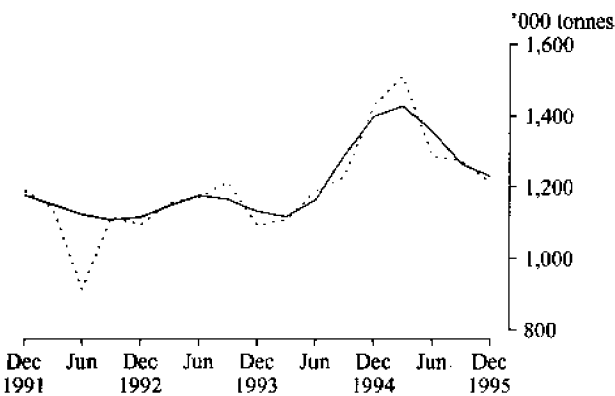
Q6. UNDRESSED SAWN TIMBER(d)



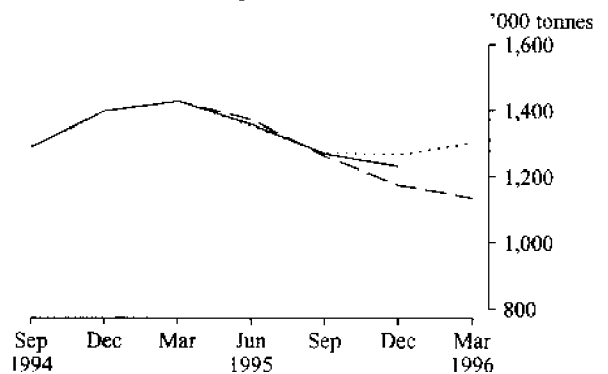
Q6. UNDRESSED SAWN TIMBER(d)
(Average movement 3%)



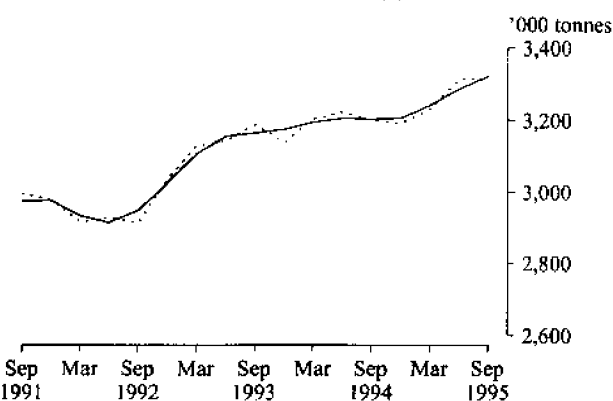
Q7. HARDWOOD WOODCHIPS



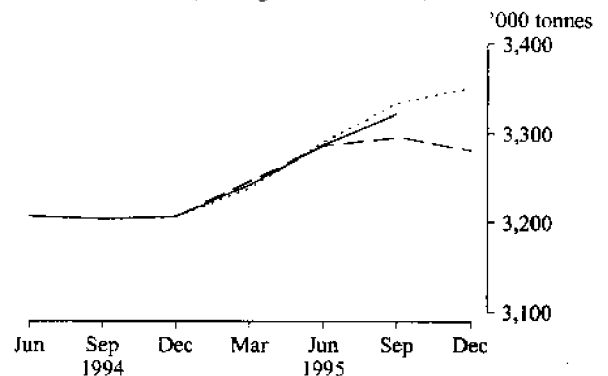
Q7. HARDWOOD WOODCHIPS
(Average movement 7%)



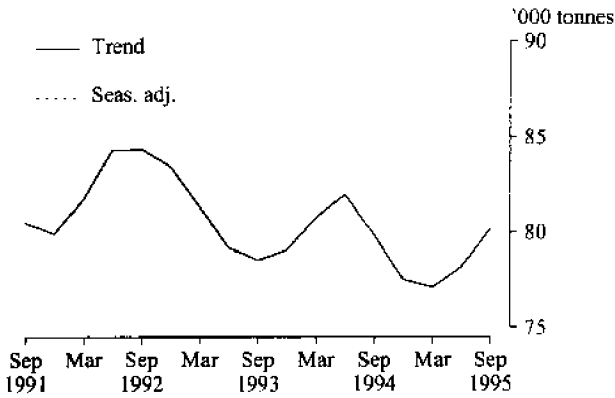
Q8. ALUMINA(d)



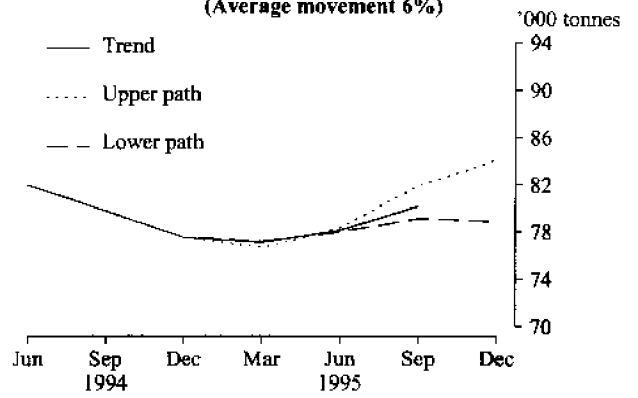
Q8. ALUMINA(d)
(Average movement 2%)



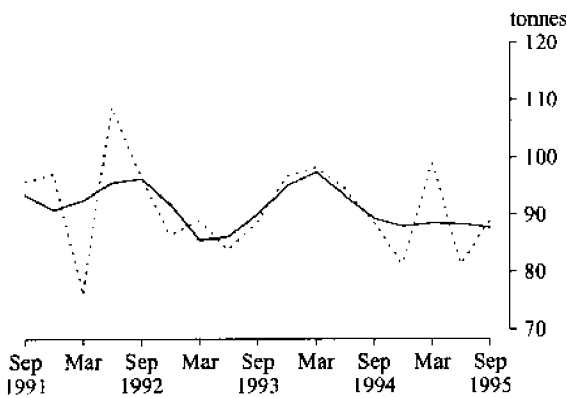
Q9. ZINC(d)



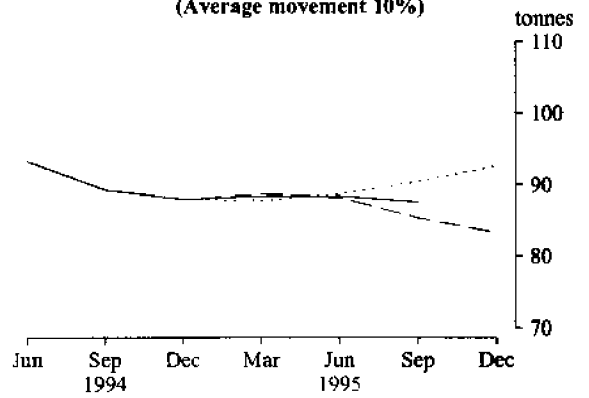
Q9. ZINC(d)
(Average movement 6%)



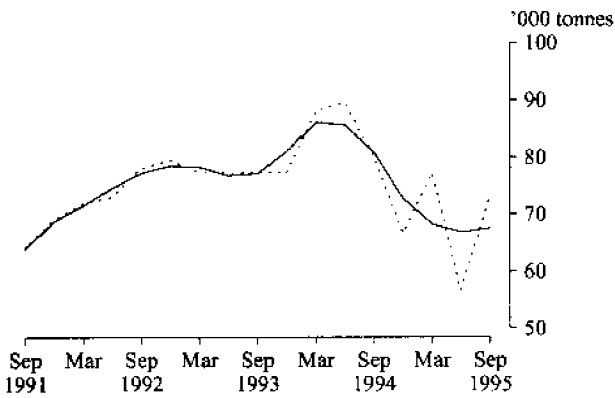
Q10. SILVER(d)



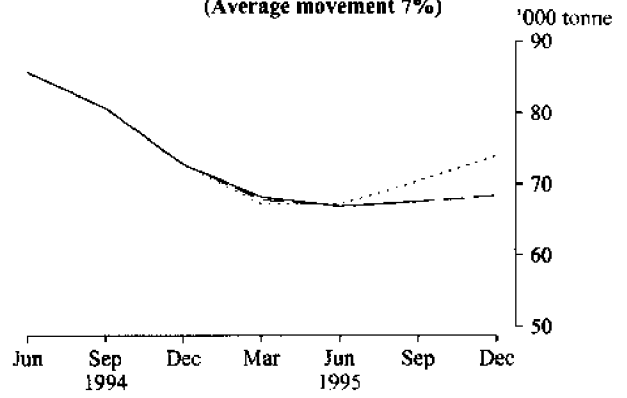
Q10. SILVER(d)
(Average movement 10%)



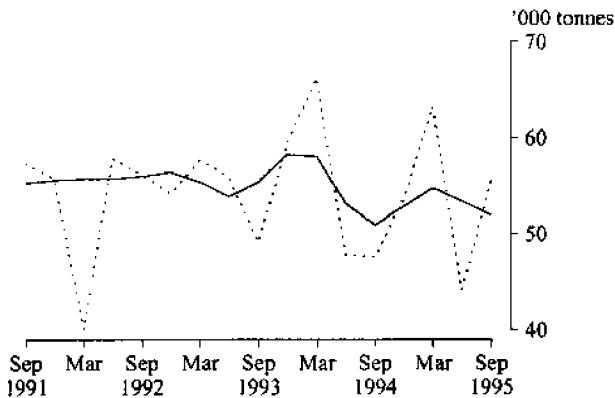
Q11. COPPER(d)



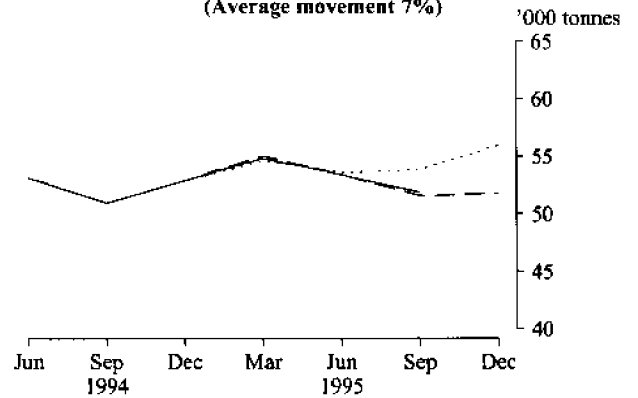
Q11. COPPER(d)
(Average movement 7%)



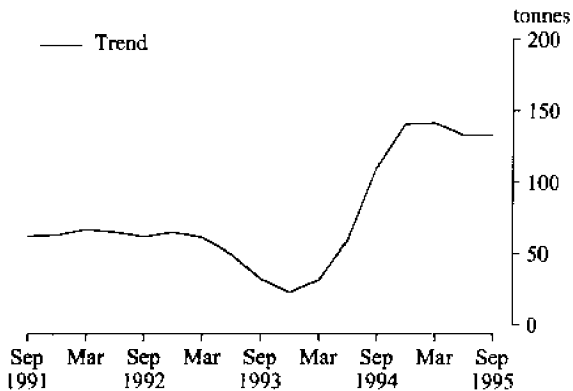
Q12. LEAD(d)



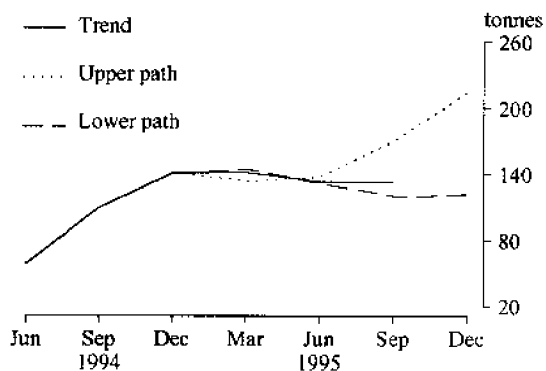
Q12. LEAD(d)
(Average movement 7%)



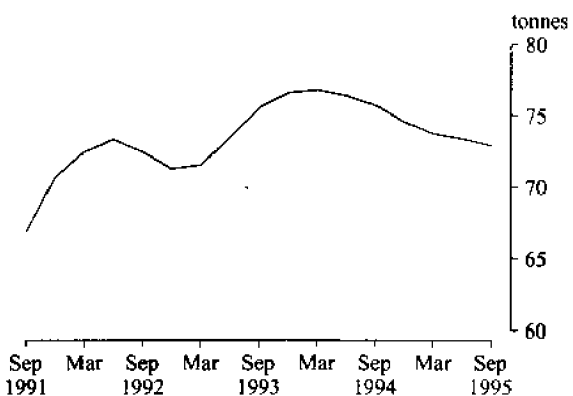
Q13. TIN(d)



Q13. TIN(d)
(Average movement 47%)



Q14. GOLD(d)



Q14. GOLD(d)
(Average movement 7%)

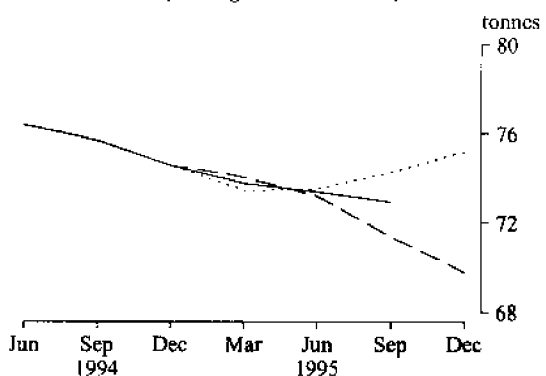


TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, JANUARY 1996

No.	Item	Series (a)	Unit	1995								1996		Percentage changes between latest month shown and-	
				May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	prev. month	same month prev. year	
M1.	Red meat	Orig.	'000 tonnes	244	226	198	r 228	226	r 220	236	198	n.y.a.	-16.1	-8.7	
		S. adj.	"	219	224	214	220	218	212	212	218	n.y.a.	2.8	-6.8	
		Trend	"	219	219	219	217	216	215	214	214	n.y.a.	-0.3	-7.5	
M2.	Chicken meat	Orig.	tonnes	36,615	37,575	39,996	36,781	39,429	37,197	r 38,014	42,190	n.y.a.	11.0	-0.8	
		S. adj.	"	37,011	36,746	38,420	38,156	43,481	36,044	38,513	40,987	n.y.a.	6.4	0.6	
		Trend	"	38,029	37,943	38,184	38,604	39,063	39,354	39,546	39,711	n.y.a.	0.4	1.4	
M3.	Cheese(b)	Orig.	"	r 14,840	r 11,513	9,940	14,679	26,042	31,144	30,080	28,876	n.y.a.	-4.0	12.7	
		S. adj.	"	r 23,487	r 23,200	17,400	18,645	20,459	20,768	21,684	21,947	n.y.a.	1.2	13.5	
		Trend	"	20,755	20,657	20,359	20,117	20,149	20,483	20,925	21,498	n.y.a.	2.7	14.2	
M4.	Butter(b)	Orig.	"	5,312	6,604	6,842	7,610	11,578	18,633	19,838	19,335	n.y.a.	-2.5	4.9	
		S. adj.	"	10,583	13,037	15,438	12,397	9,914	11,936	11,727	12,124	n.y.a.	3.4	4.6	
		Trend	"	11,655	12,243	12,538	12,474	12,172	11,853	11,633	11,400	n.y.a.	-2.0	1.3	
M5.	Flour of wheat or of meslin	Orig.	'000 tonnes	116	122	108	119	120	110	123	119	104	-11.9	8.8	
		S. adj.	"	110	113	113	111	115	112	117	129	114	-12.3	4.7	
		Trend	"	110	111	112	113	114	116	118	119	120	0.9	8.6	
M6.	Prepared foods from cereals	Orig.	tonnes	8,744	9,942	5,928	8,371	9,029	9,024	9,661	6,594	8,371	26.9	8.3	
		S. adj.	"	7,828	9,558	5,578	8,672	8,862	8,831	9,666	6,812	10,065	47.7	3.6	
		Trend	"	8,335	8,160	8,107	8,181	8,351	8,577	8,764	8,894	9,150	2.9	3.1	
M7.	Biscuits	Orig.	"	11,625	11,931	11,231	12,503	13,263	11,856	13,131	10,044	6,384	-36.4	8.2	
		S. adj.	"	11,200	11,075	10,879	10,891	12,400	11,362	11,273	12,289	9,593	-21.9	4.1	
		Trend	"	10,759	10,921	11,176	11,389	11,511	11,511	11,409	11,229	11,007	-2.0	-3.3	
M8.	Chocolate based confectionery	Orig.	"	8,668	9,685	10,109	11,095	9,706	10,763	11,310	9,440	7,987	-15.4	36.5	
		S. adj.	"	8,181	9,332	10,439	9,126	9,300	10,074	10,146	9,931	13,581	36.7	30.0	
		Trend	"	8,710	8,939	9,209	9,463	9,701	10,007	10,450	10,983	11,530	5.0	21.1	
M9.	Other confectionery	Orig.	"	5,932	6,804	5,626	7,076	6,742	7,587	7,436	5,001	3,564	-28.7	8.3	
		S. adj.	"	5,873	6,377	5,478	5,873	5,935	7,061	6,279	5,287	6,233	17.9	5.0	
		Trend	"	5,816	5,877	5,976	6,069	6,131	6,157	6,150	6,111	6,096	-0.2	3.3	
M10.	Malt	Orig.	"	50,270	43,823	44,952	48,402	44,529	44,705	44,705	51,787	45,016	42,853	-4.8	-7.2
		S. adj.	"	46,151	44,540	46,484	48,790	44,705	46,452	48,753	44,705	44,509	-0.4	-6.6	
		Trend	"	45,746	46,042	46,447	46,692	46,675	46,555	46,294	45,929	45,418	-1.1	-3.4	
M11.	Beer	Orig.	mil litres	151	130	119	153	144	166	r 193	r 161	133	-17.0	-3.4	
		S. adj.	"	154	152	137	154	158	148	r 156	r 138	133	-3.1	-7.5	
		Trend	"	148	149	150	151	151	150	147	144	141	-2.1	-4.0	
M12.	Tobacco and cigarettes(c)	Orig.	tonnes	2,084	1,855	2,157	2,070	1,910	1,421	1,671	1,647	667	-59.5	-13.5	
		S. adj.	"	1,752	1,772	1,883	1,824	1,937	1,528	1,506	1,882	1,107	-41.2	-17.7	
		Trend	"	1,772	1,800	1,820	1,813	1,770	1,697	1,609	1,518	1,426	-6.1	-23.5	
M13.	Man-made fibre woven fabric(f)	Orig.	'000 sq m	15,089	15,130	13,874	16,863	13,530	12,795	14,778	r 8,854	7,955	-10.2	-25.7	
		S. adj.	"	14,168	13,691	13,463	15,811	12,987	12,105	13,933	r 10,247	12,742	24.4	-28.0	
		Trend	"	14,292	14,037	13,917	13,775	13,469	13,021	12,555	12,161	11,834	-2.7	-25.4	
M14.	Cotton woven fabric(f)	Orig.	"	4,554	5,242	4,584	5,256	6,875	5,569	6,600	r 4,299	3,325	-22.6	59.2	
		S. adj.	"	4,277	4,386	4,631	4,728	5,968	5,438	6,429	r 4,978	8,334	67.4	54.6	
		Trend	"	4,245	4,394	4,654	4,982	5,330	5,694	6,081	6,481	6,859	5.8	51.0	

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, JANUARY 1996 —continued

No.	Item	Series (a)	Unit	1995								1996		Percentage changes between latest month shown and—	
				May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	prev. month	same month prev. year	
M15.	Cotton yarn	Orig.	tonnes	3,708	3,605	3,094	3,831	3,201	3,077	3,552	2,318	1,925	-17.0	10.4	
		S. adj.	"	3,540	2,936	3,132	3,463	2,885	3,084	3,390	2,726	3,051	12.0	3.7	
		Trend	"	3,244	3,226	3,194	3,164	3,136	3,104	3,069	3,037	2,990	-1.6	-4.4	
M16.	Wool yarn	Orig.	"	1,956	1,917	2,010	2,117	1,957	1,914	1,444	r 1,301	1,212	-6.8	-11.1	
		S. adj.	"	1,749	1,820	1,986	1,778	1,857	1,651	1,306	r 1,637	1,789	9.3	-14.5	
		Trend	"	1,841	1,842	1,829	1,791	1,731	1,667	1,620	1,595	1,585	-0.6	-20.7	
M17.	Wool woven fabric	Orig.	'000 sq m	930	650	521	738	586	639	645	526	364	-30.8	-11.2	
		S. adj.	"	810	710	555	660	604	585	559	653	541	-17.2	-17.8	
		Trend	"	732	701	663	628	605	594	588	583	583	-0.1	-15.7	
M18.	Textile floor coverings	Orig.	"	3,865	3,663	4,037	3,972	3,656	4,057	r 3,192	r 3,046	2,443	-19.8	-6.7	
		S. adj.	"	3,497	3,576	4,144	3,448	3,345	3,732	r 2,724	r 3,536	4,066	15.0	-9.6	
		Trend	"	3,708	3,654	3,601	3,546	3,481	3,431	3,428	3,471	3,532	1.7	-15.6	
M19.	Footwear excluding sports footwear	Orig.	'000 pairs	1,278	1,207	1,206	1,497	1,445	1,446	1,358	r 985	753	-23.6	11.1	
		S. adj.	"	1,157	1,205	1,228	1,366	1,388	1,340	1,258	r 1,156	1,349	16.7	7.0	
		Trend	"	1,166	1,210	1,261	1,302	1,318	1,312	1,297	1,282	1,268	-1.1	1.3	
M20.	Sports footwear	Orig.	"	27	25	25	24	24	17	24	23	7	-67.6	16.6	
		S. adj.	"	24	27	26	19	21	18	20	33	16	-51.5	8.7	
		Trend	"	25	24	23	22	22	22	22	22	22	0.9	-5.5	
M21.	Newsprint	Orig.	tonnes	41,128	36,245	35,192	39,758	33,033	36,142	38,931	36,733	38,631	5.2	2.2	
		S. adj.	"	38,687	39,215	35,408	40,664	34,990	35,720	38,623	37,718	36,617	-2.9	4.6	
		Trend	"	38,108	37,920	37,621	37,407	37,224	37,126	37,131	37,256	37,244	0.0	4.6	
M22.	Wood pulp	Orig.	"	86,014	95,072	77,150	85,922	89,979	75,865	78,435	92,434	80,019	-13.4	-1.2	
		S. adj.	"	89,405	91,848	77,892	85,410	86,705	80,534	75,844	92,730	78,802	-15.0	-2.5	
		Trend	"	89,460	87,714	85,538	83,942	83,101	82,718	82,594	82,545	83,001	0.6	1.4	
M23.	Unlaminated particle board	Orig.	'000 cu m	69	71	62	74	72	69	79	57	36	-36.3	-32.2	
		S. adj.	"	60	72	65	60	69	64	63	75	59	-21.2	-38.2	
		Trend	"	71	69	67	66	65	65	66	66	66	0.4	-10.3	
M24.	Paper(g)	Orig.	'000 tonnes	150	169	144	148	n.p.	n.p.	n.p.	n.p.	n.p.	2.7	2.7	
		S. adj.	"	163	160	133	151	n.p.	n.p.	n.p.	n.p.	n.p.	13.6	6.6	
		Trend	"	155	152	149	147	n.p.	n.p.	n.p.	n.p.	n.p.	-1.6	5.4	
M25.	Paperboard containers	Orig.	tonnes	96,273	87,355	87,375	99,527	93,981	99,183	106,020	82,812	86,684	4.7	11.1	
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Trend	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
M26.	Automotive gasoline(d)	Orig.	megalitres	1,528	1,447	1,671	1,446	1,453	1,528	n.y.a.	n.y.a.	n.y.a.	5.2	6.7	
		S. adj.	"	1,480	1,432	1,587	1,389	1,472	1,560	n.y.a.	n.y.a.	n.y.a.	6.0	6.8	
		Trend	"	1,489	1,487	1,485	1,485	1,490	1,493	n.y.a.	n.y.a.	n.y.a.	0.2	-0.5	
M27.	Fuel oil(d)	Orig.	"	208	204	234	178	232	156	n.y.a.	n.y.a.	n.y.a.	-32.8	-14.0	
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Trend	"	221	215	206	197	188	181	n.y.a.	n.y.a.	n.y.a.	-3.7	-2.8	
M28.	Aviation turbine fuel(d)	Orig.	"	385	355	377	417	403	400	n.y.a.	n.y.a.	n.y.a.	-0.5	6.7	
		S. adj.	"	394	394	388	391	411	355	n.y.a.	n.y.a.	n.y.a.	-13.5	1.1	
		Trend	"	392	394	393	390	387	383	n.y.a.	n.y.a.	n.y.a.	-1.0	7.3	

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, JANUARY 1996 —continued

No.	Item	Series (a)	Unit	1995								1996		Percentage changes between latest month shown and—	
				May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	prev. month	same month prev. year	
M29.	Automotive diesel oil(d)	Orig.	megalitres	979	947	1,047	977	945	955	n.y.a.	n.y.a.	n.y.a.	1.0	0.5	
		S. adj.	"	958	988	1,043	972	966	930	n.y.a.	n.y.a.	n.y.a.	-3.7	0.4	
		Trend	"	985	991	989	982	973	960	n.y.a.	n.y.a.	n.y.a.	-1.3	3.0	
M30.	Plastics in primary forms	Orig.	'000 tonnes	100	104	116	110	104	108	96	85	98	14.2	1.8	
		S. adj.	"	96	112	112	104	101	97	93	95	103	8.5	-3.9	
		Trend	"	106	107	106	104	102	99	97	96	96	-0.1	-7.4	
M31.	Rigid PVC tubes, pipes and hoses	Orig.	tonnes	9,428	9,370	7,521	7,520	6,612	7,058	7,649	5,588	4,479	-19.8	-6.9	
		S. adj.	"	7,980	8,862	6,301	6,868	7,029	7,076	6,774	6,127	7,506	22.5	-12.2	
		Trend	"	7,784	7,580	7,336	7,103	6,916	6,808	6,780	6,792	6,931	2.1	-12.2	
M32.	Polyethylene bottles up to two litres	Orig.	million	107	93	97	112	123	125	121	147	119	-18.9	1.3	
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
		Trend	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
M33.	Paint	Orig.	'000 litres	15,365	17,898	14,768	14,345	16,001	14,385	r 14,914	r 15,103	13,006	-13.9	-11.8	
		S. adj.	"	15,046	17,977	15,197	15,090	14,585	13,459	r 14,002	r 14,753	16,357	10.9	-16.0	
		Trend	"	16,053	15,809	15,471	15,049	14,632	14,417	14,444	14,617	15,028	2.8	-12.5	
M34.	Superphosphates	Orig.	'000 tonnes	101	69	59	66	55	152	179	r 162	195	20.2	40.3	
		S. adj.	"	97	92	103	109	107	222	155	r 135	153	13.6	40.9	
		Trend	"	99	101	109	121	136	149	157	161	162	0.6	40.8	
M35.	Portland cement	Orig.	"	583	582	568	586	578	554	508	483	348	-28.1	-23.7	
		S. adj.	"	548	560	539	537	588	532	441	503	471	-6.2	-24.6	
		Trend	"	568	559	553	545	534	519	503	486	474	-2.6	-21.1	
M36.	Clay bricks	Orig.	million	166	155	140	141	135	138	127	104	70	-32.3	-40.8	
		S. adj.	"	147	147	140	126	132	131	122	117	100	-14.2	-42.9	
		Trend	"	146	142	139	135	131	126	120	115	110	-4.1	-31.4	
M37.	Ready mixed concrete	Orig.	'000 cu m	1,316	1,291	1,274	1,386	1,289	1,285	1,254	r 1,011	961	-5.0	-5.8	
		S. adj.	"	1,185	1,241	1,286	1,265	1,265	1,205	1,143	r 1,155	1,207	4.4	-9.5	
		Trend	"	1,257	1,254	1,252	1,245	1,232	1,213	1,192	1,175	1,163	-1.1	-11.6	
M38.	Basic iron, spiegeleisen and sponge iron(e)	Orig.	'000 tonnes	619	595	625	657	629	640	633	639	630	-1.4	-1.2	
		S. adj.	"	622	600	601	638	606	604	621	652	630	-3.5	-1.2	
		Trend	"	622	615	611	611	614	620	625	630	635	0.7	1.3	
M39.	Blooms and slabs of iron or steel(e)	Orig.	"	635	629	658	693	677	690	669	664	657	-1.1	-3.3	
		S. adj.	"	656	647	644	670	640	652	660	664	643	-3.3	-3.5	
		Trend	"	654	653	652	653	653	654	655	655	654	-0.1	0.7	
M40.	Insulated wire	Orig.	tonnes	7,347	5,871	6,430	6,653	6,832	6,496	6,949	r 4,529	4,612	1.8	15.0	
		S. adj.	"	6,708	6,169	5,832	6,440	6,260	5,701	6,448	r 5,382	8,130	51.0	14.6	
		Trend	"	6,191	6,139	6,098	6,081	6,083	6,135	6,279	6,496	6,745	3.8	1.9	
M41.	Cars and station wagons	Orig.	number	29,585	28,157	27,217	31,101	26,800	24,523	27,826	20,843	13,172	-36.8	26.9	
		S. adj.	"	25,225	26,711	25,947	26,078	25,113	22,429	23,881	27,203	27,464	1.0	23.7	
		Trend	"	24,260	25,002	25,331	25,263	25,029	24,868	25,060	25,500	26,086	2.3	7.6	
M42.	Vehicles for goods and materials	Orig.	"	2,579	2,401	2,291	2,498	2,049	1,999	2,159	1,476	1,003	-32.0	-13.9	
		S. adj.	"	2,202	2,188	2,277	2,116	1,992	1,691	1,930	1,937	2,134	10.2	-18.0	
		Trend	"	2,175	2,136	2,097	2,052	1,998	1,945	1,922	1,928	1,948	1.0	-20.0	

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, JANUARY 1996 —continued

No.	Item	Series (a)	Unit	1995								1996		Percentage changes between latest month shown and—	
				May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	prev. month	same month prev. year	
M43. Telephones	Orig.	'000		126	135	116	109	135	193	144	124	72	-42.1	-30.9	
	S. adj.	"		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
	Trend	"		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
M44. Domestic refrigerators	Orig.	number		37,336	32,064	31,596	36,404	36,317	39,325	42,831	34,485	38,183	10.7	17.5	
	S. adj.	"		35,240	35,835	37,440	36,215	41,454	35,117	34,715	38,792	36,748	-5.3	11.8	
	Trend	"		34,114	35,378	36,550	37,267	37,468	37,270	37,061	36,932	36,803	-0.4	9.3	
M45. Water heaters	Orig.	"		70,875	55,795	54,551	57,447	56,440	54,924	59,653	40,651	21,986	-45.9	-34.1	
	S. adj.	"		61,448	50,039	54,763	49,093	51,712	48,736	56,298	45,587	43,974	-3.5	-35.1	
	Trend	"		55,306	54,184	52,928	51,893	51,183	50,619	50,032	49,971	46,924	-6.1	-16.1	
M46. Domestic clothes washing machines	Orig.	"		26,159	26,023	27,643	36,352	31,625	27,083	29,485	20,873	10,757	-48.5	-23.2	
	S. adj.	"		25,363	25,214	25,811	27,875	28,208	26,524	26,228	25,602	20,204	-21.1	-26.4	
	Trend	"		24,746	25,470	26,395	27,073	27,130	26,606	25,710	24,636	23,472	-4.7	-7.8	
M47. Electric motors	Orig.	'000		275	278	243	284	255	225	280	253	158	-37.8	15.7	
	S. adj.	"		253	264	258	275	229	203	254	301	235	-21.9	10.0	
	Trend	"		261	259	253	248	246	246	248	251	254	1.4	4.9	
M48. Electricity	Orig.	mil k Wh		14,268	14,473	15,493	14,655	13,746	13,717	13,315	13,420	13,699	2.1	1.6	
	S. adj.	"		13,837	13,843	14,356	13,536	13,866	13,920	13,765	13,781	14,022	1.8	0.6	
	Trend	"		13,901	13,915	13,911	13,887	13,856	13,839	13,838	13,850	13,858	0.1	0.1	
M49. Gas	Orig.	terajoules		56,624	60,928	66,602	60,054	54,069	53,882	47,053	43,940	42,024	-4.4	1.0	
	S. adj.	"		52,572	51,124	54,935	48,366	49,331	53,646	50,402	52,709	52,246	-0.9	0.4	
	Trend	"		52,477	52,171	51,691	51,260	51,090	51,240	51,534	51,861	52,071	0.4	-0.7	

For footnotes see end of tables.

TABLE 2. PRODUCTION STATISTICS, AUSTRALIA, DECEMBER QUARTER 1995

No.	Item	Series (a)	Unit	1993			1994			1995			Percentage changes between latest quarter shown and—	
				Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	prev. quarter	same quarter prev. year
Q1.	Men's and boys' long trousers	Orig.	'000	880	753	1,040	1,031	979	811	936	993	744	-25.1	-24.0
		S. adj.	"	897	873	921	1,004	997	942	828	968	757	-21.7	-24.1
		Trend	"	899	891	932	983	978	942	900	864	827	-4.3	-15.4
Q2.	Women's and girls' long trousers	Orig.	"	278	461	188	407	380	628	443	252	202	-19.8	-46.7
		S. adj.	"	328	403	187	405	450	545	442	252	240	-4.7	-46.6
		Trend	"	327	314	334	397	476	493	414	311	264	-15.0	-44.4
Q3.	Jeans	Orig.	"	891	709	945	941	770	641	887	979	764	-21.9	-0.7
		S. adj.	"	938	852	864	837	810	772	811	870	803	-7.6	-0.8
		Trend	"	922	879	852	830	804	797	814	830	837	0.8	4.1
Q4.	Men's and boys' shirts	Orig.	"	3,246	2,623	2,867	3,545	2,900	2,347	2,564	r 2,845	2,770	-2.6	-4.5
		S. adj.	"	2,946	3,280	3,208	2,940	2,642	2,916	2,872	r 2,360	2,528	7.1	-4.3
		Trend	"	3,086	3,157	3,127	2,953	2,836	2,797	2,723	2,580	2,425	-6.0	-14.5
Q5.	Women's shirts and blouses	Orig.	"	1,563	1,218	812	1,787	1,218	806	864	1,202	1,132	-5.8	-7.1
		S. adj.	"	1,419	1,506	1,092	1,326	1,107	998	1,163	891	1,029	15.5	-7.1
		Trend	"	1,357	1,341	1,304	1,189	1,131	1,084	1,025	1,006	992	-1.3	-12.3
Q6.	Undressed sawn timber(d)	Orig.	'000 cu m	847	827	905	967	916	883	925	939	n.y.a.	1.5	-2.9
		S. adj.	"	846	889	880	929	917	948	900	901	n.y.a.	0.2	-3.0
		Trend	"	851	875	896	916	929	926	914	903	n.y.a.	-1.2	-1.4
Q7.	Hardwood woodchips	Orig.	'000 tonnes	1,088	1,026	1,228	1,286	1,417	1,402	1,332	1,334	1,203	-9.8	-15.1
		S. adj.	"	1,094	1,108	1,188	1,228	1,428	1,512	1,288	1,273	1,214	-4.7	-15.0
		Trend	"	1,132	1,118	1,164	1,289	1,400	1,428	1,358	1,267	1,230	-3.0	-12.1
Q8.	Alumina(d)	Orig.	"	3,154	3,172	3,209	3,235	3,203	3,203	3,299	3,348	n.y.a.	1.5	3.5
		S. adj.	"	3,139	3,205	3,225	3,200	3,192	3,231	3,314	3,313	n.y.a.	0.0	3.5
		Trend	"	3,175	3,195	3,207	3,204	3,207	3,242	3,287	3,322	n.y.a.	1.1	3.7
Q9.	Zinc(d)	Orig.	"	79	82	81	82	78	72	81	82	n.y.a.	1.2	0.0
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Trend	"	79	81	82	80	78	77	78	80	n.y.a.	2.6	0.5
Q10.	Silver(d)	Orig.	tonnes	95	91	104	88	79	93	89	89	n.y.a.	0.0	1.1
		S. adj.	"	97	98	95	88	81	99	81	89	n.y.a.	9.7	0.9
		Trend	"	95	97	93	89	88	88	88	88	n.y.a.	-0.9	-1.9
Q11.	Copper(d)	Orig.	'000 tonnes	79	81	87	87	68	71	55	80	n.y.a.	45.5	-8.0
		S. adj.	"	77	88	90	80	67	77	57	73	n.y.a.	29.6	-8.2
		Trend	"	81	86	86	81	73	68	67	68	n.y.a.	1.0	-16.3
Q12.	Lead(d)	Orig.	"	61	55	53	49	55	53	49	57	n.y.a.	16.3	16.3
		S. adj.	"	59	66	48	48	54	63	44	56	n.y.a.	25.8	16.8
		Trend	"	58	58	53	51	53	55	53	52	n.y.a.	-2.8	2.0
Q13.	Tin(d)	Orig.	tonnes	63	18	90	75	135	180	65	165	n.y.a.	153.8	120.0
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Trend	"	22	31	59	110	141	141	133	133	n.y.a.	0.3	21.7
Q14.	Gold(d)	Orig.	"	74	75	79	78	71	74	74	75	n.y.a.	2.0	-3.5
		S. adj.	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Trend	"	77	77	76	76	75	74	73	73	n.y.a.	-0.6	-3.7

(a) Trend estimates shown may have been revised. See Explanatory Note 13. (b) Source: Australian Dairy Corporation. (c) Source: Australian Tobacco Marketing Committee, until April 1995. (d) Source: Australian Bureau of Agricultural and Resource Economics (ABARE). (e) This data item comprises production of BHP Steel only. (f) Recent movements in this series have caused some uncertainty in its trend estimates from September 1995. Although these changes are expected to be sustained, a larger span of data is required before the final trend for this series can be determined. (g) Data in this series has not been published since August 1995.

GLOSSARY

M1	RED MEAT	includes veal, pork and buffalo
M2	CHICKEN MEAT	expressed in the dressed weight of whole birds, pieces and giblets
M3	CHEESE	includes fresh cheeses such as ricotta, cottage, cream and quark
M4	BUTTER	includes direct butter oil
M5	FLOUR OF WHEAT OR OF MESLIN	excludes self raising flour
M6	PREPARED FOODS FROM CEREALS	prepared foods obtained by the swelling or roasting of cereals or cereal products
M7	BISCUITS	sweet biscuits and other biscuits, waffles, wafers and ginger bread; excludes dog biscuits
M8	CHOCOLATE BASED CONFECTIONERY	includes confectionery containing chocolate; excludes chocolate biscuits and chocolate intended for further manufacturing
M9	OTHER CONFECTIONERY	excludes chocolate based confectionery
M10	MALT	includes malt flour
M11	BEER	includes ale and stout; excludes low alcohol beer containing less than 1.15 per cent but more than 0.5 per cent, by volume of alcohol
M12	TOBACCO AND CIGARETTES	includes those containing tobacco substitutes
M13	MAN-MADE FIBRE WOVEN FABRIC	broadwoven fabric of, or predominantly of, synthetic staple fibres and/or filament
M14	COTTON WOVEN FABRIC	broadwoven fabric of, or predominantly of, cotton; excludes gauze
M15	COTTON YARN	of, or predominantly of cotton, reported on a single yarn basis; excludes sewing thread
M16	WOOL YARN	of, or predominantly of, wool or fine animal hair
M17	WOOL WOVEN FABRIC	broadwoven woollen and worsted fabrics of, or predominantly of, wool or fine animal hair
M18	TEXTILE FLOOR COVERINGS	consisting of carpets, carpeting (excluding underfelt), floor rugs, mats and matting of, or predominantly of, textile materials
M19	FOOTWEAR	other than sports footwear; excludes thongs
M20	SPORTS FOOTWEAR	includes ski-boots
M21	NEWSPRINT	excludes directory paper, mechanical and printing paper
M22	WOOD PULP	expressed as air-dried weight
M23	UNLAMINATED PARTICLE BOARD	particle or similar boards of wood or other ligneous materials whether or not for subsequent conversions to other purposes; excludes fibreboard and fibre paperboard
M24	PAPER	other than newsprint; includes paperboard, tissue and sanitary
M25	PAPERBOARD CONTAINERS	includes corrugated paperboard and solid paperboard containers
M26	AUTOMOTIVE GASOLINE	produced by Australian refineries from imported and indigenous petroleum

M27	FUEL OIL	oils derived from the distillation of petroleum which are generally used for domestic heating or fuelling furnaces; produced by Australian refineries from imported and indigenous petroleum
M28	AVIATION TURBINE FUEL	produced by Australian refineries from imported and indigenous petroleum
M29	AUTOMOTIVE DIESEL OIL	produced by Australian refineries from imported and indigenous petroleum
M30	PLASTICS IN PRIMARY FORMS	includes liquid, paste, powder, granules, flakes, blocks, irregular shapes, lumps and similar forms
M31	RIGID PVC TUBES, PIPES AND HOSES	plastic tubes, pipes and hose of rigid polyvinyl chloride
M32	POLYETHYLENE BOTTLES UP TO TWO LITRES	plastic bottles of polyethylene, up to and including two litres
M33	PAINT	includes architectural, decorative and industrial enamels and clears, heavy duty coatings and wood stains; marine coatings are included from January 1995
M34	SUPERPHOSPHATES	expressed in terms of single super phosphate (9% P equivalent)
M35	PORTLAND CEMENT	excludes portland cement clinker and portland cement used to make blended portland cement in-house
M36	CLAY BRICKS	saleable bricks removed from kiln; excludes firebricks and bricks for other than structural purposes
M37	READY MIXED CONCRETE	excludes production used or for use within the same business
M38	BASIC IRON, SPIEGELEISEN AND SPONGE IRON	in pigs, blocks and other primary forms; includes pig iron
M39	BLOOMS AND SLABS OF IRON OR STEEL	continuous cast; includes steel in the molten state
M40	INSULATED WIRE	includes cables and other insulated electrical conductors; excludes coaxial cables and automotive low voltage wire and ignition wiring sets
M41	CARS AND STATION WAGONS	cars and station wagons for less than 10 persons; excludes mini-buses, passenger mini-vans
M42	VEHICLES FOR GOODS AND MATERIALS	excludes off-highway trucks, fork lift trucks and semi-trailers
M43	TELEPHONES	excludes keyphones
M44	DOMESTIC REFRIGERATORS	one and two door models, includes combination refrigerator freezers
M45	HOT WATER HEATERS	includes solar
M46	DOMESTIC CLOTHES WASHING MACHINES	of a dry linen capacity not exceeding 10 kg
M47	ELECTRIC MOTORS	includes direct current generators; excludes motors and generators for motor vehicles and aircraft
M48	ELECTRICITY	excludes purchases or transfers in of electricity
M49	GAS	gas available for issue through mains, including natural gas

Q1	MEN'S AND BOYS' LONG TROUSERS	excludes jeans and waterproof trousers and trousers made as part of a complete suit
Q2	WOMEN'S AND GIRLS' LONG TROUSERS	excluding jeans and waterproof trousers
Q3	JEANS	men's, women's, boys' and girls' jeans; excludes shorts
Q4	MEN'S AND BOYS' SHIRTS	excludes sweatshirts and nightshirts
Q5	WOMEN'S SHIRTS AND BLOUSES	excludes sweatshirts and nightshirts
Q6	UNDRESSED SAWN TIMBER	expressed in terms of green off saw volumes
Q7	HARDWOOD WOODCHIPS	expressed as greenweight; excludes chips which are not sold or are used in own works
Q8	ALUMINA	aluminium oxide
Q9	ZINC	primary origin only
Q10	SILVER	refined
Q11	COPPER	primary origin only
Q12	LEAD	includes lead content of lead from primary sources
Q13	TIN	primary origin only
Q14	GOLD	from primary and secondary sources

SENSITIVITY ANALYSIS

Where seasonally adjusted series are known to be highly erratic, an analysis of how sensitive the current trend estimates are to additional data can be useful. Such analysis is referred to as 'sensitivity analysis'.

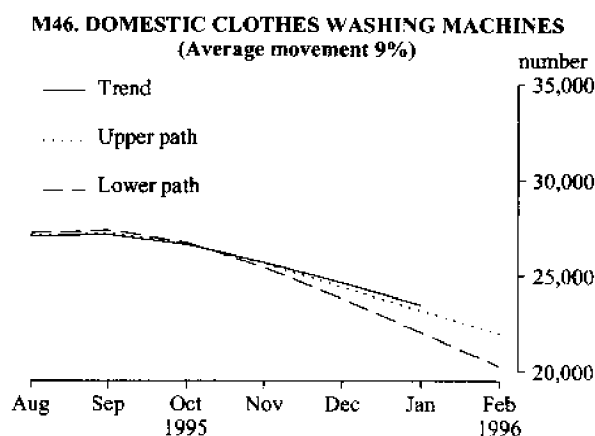
Readers should exercise care when interpreting the latest month's trend estimates because they will be revised when the next month's seasonally adjusted estimates become available. For further information, see Explanatory Notes 12 and 13.

The graph below presents the effect of two possible scenarios on the current and previous trend estimates;

Upper path The February 1996 seasonally adjusted estimate of the production of domestic clothes washing machines is higher than the January 1996 seasonally adjusted estimate by 9%.

Lower path The February 1996 seasonally adjusted estimate of the production of domestic clothes washing machines is lower than the January 1996 seasonally adjusted estimate by 9%.

The percentage change of 9% was chosen because the average monthly absolute percentage change for this series since January 1965 has been 9%.



EXPLANATORY NOTES

Introduction

1. This publication presents monthly and quarterly estimates of production of selected major manufacturing indicators for Australia.

Scope and coverage

2. Data presented in this publication are collected from a number of different sources. The prime source is the ABS surveys of manufacturing production. Data are also obtained from surveys undertaken by the Australian Bureau of Agricultural and Resource Economics (ABARE), the Australian Dairy Corporation (ADC), the Australian Tobacco Marketing Committee (until April 1995) and from ABS agriculture collections. Scope and coverage varies slightly depending on the source of the information.

3. Where production statistics are collected by the ABS manufacturing production surveys, they are not collected from single establishment manufacturing businesses with less than four persons employed nor from establishments predominantly engaged in non-manufacturing activities but which may carry out in a minor way some manufacturing. However, in general, the contribution of these small producers to statistical aggregates is only marginal and data contained in this publication provide reliable information for the evaluation of movements in commodity production.

4. The statistics on meat production include data collected from abattoirs and other major slaughtering establishments and include estimates of animals slaughtered on farms and by country butchers and other small slaughtering establishments for human consumption.

5. The statistics on chicken meat have been collected from commercial poultry slaughtering establishments. Producers in Tasmania, the Northern Territory and the Australian Capital Territory and the very small producers are excluded from the collection.

6. Data on the production of fuels, sawn timber and quarterly estimates of base metal production are obtained from the Australian Bureau of Agricultural and Resource Economics publications *Mineral Statistics* and *Forest Products Statistics*.

7. Data on the production of cheese and butter are obtained from the Australian Dairy Corporation publication *Dairystats*. Data on tobacco and cigarettes produced were obtained from the Australian Tobacco Marketing Committee until April 1995.

Comparability with other estimates

8. The ABS publishes quarterly estimates of constant price manufacturing production in the publication *Quarterly Indexes of Industrial Production, Australia* (8125.0). These estimates are shown as index numbers and are derived mainly from estimates of manufacturers' sales and stocks.

9. The production statistics collected monthly and quarterly referred to in paragraph 1 account, in total, for less than half of the output of the manufacturing sector. For information on general trends in the manufacturing sector, refer to the publication referred to in paragraph 8.

Seasonally adjusted and trend estimates

10. Seasonally adjusted statistics are shown for most of the data items contained in this publication. In the seasonal adjustment, account has been taken not only of normal seasonal factors, but also where appropriate, of 'working day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting these series are available on request.

11. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of strikes, holiday shutdowns or other factors which vary with the prevailing demand for products. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after seasonal adjustment.

12. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

13. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally, subsequent revisions become smaller and after 3 months have little impact on the series. There will also be revisions as a result of revisions to the original estimates and annual reviews of seasonal and 'working day' factors.

14. Users may wish to refer to the ABS Information Paper *A Guide to Interpreting Time Series - Monitoring Trends, an overview* (1348.0) for more detailed information on smoothing of seasonally adjusted time series data.

Related publications and services

15. Other ABS publications and services which may be of interest are:

International Trade, Australia: FASTTRACCS Service - Hardcopy Reports (5461.0)

Stocks, Selected Industry Sales and Expected Sales, Australia (5629.0) issued quarterly

Livestock Products, Australia (7215.0) issued monthly

Quarterly Indexes of Industrial Production, Australia (8125.0)

Manufacturing Industry, Australia, Preliminary (8201.0) issued annually

Manufacturing Industry, Australia (8221.0) issued annually

Manufacturing Production, Australia: Principal Commodities Produced, 1989-90 (8365.0)

Mining Industry, Australia (8402.0) issued annually

Additional manufacturing production data are collected by the ABS through user funded surveys and are available to users as a special data service. These series are:

- domestic refrigerators
- domestic deep-freezers
- water heaters
- clothes drying machines
- domestic cooking stoves, ovens and ranges
- colour television receivers
- space heaters
- mowers
- air conditioners
- audio cassette tapes
- audio compact discs
- liquid supply or production meters
- brass bars, rods and sections
- strip for retreading rubber tyres
- electricity
- gas
- semi-trailers
- mineral waters and aerated waters
- starches, wheat gluten and glucose
- beer
- ham and bacon and canned meat
- selected foods
- ready mixed concrete
- concrete blocks, bricks and pavers
- roof tiles
- clay bricks
- Portland cement
- mattresses and mattress supports
- knitted underwear
- foundation garments

A more detailed breakdown of most published series is also available as a special data service.

For further information, please call Jeffrey Middleton on (02) 268 4541.

16. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The *Catalogue* and *Publications Advice* are available from any ABS office.

Symbols and other usages

n.a.	not available
n.p.	not publishable
n.y.a.	not yet available
r	figure or series revised since previous issue

For more information . . .

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available from all ABS Offices.

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