

**MANUFACTURING PRODUCTION, AUSTRALIA
OCTOBER 1995**

NOTES

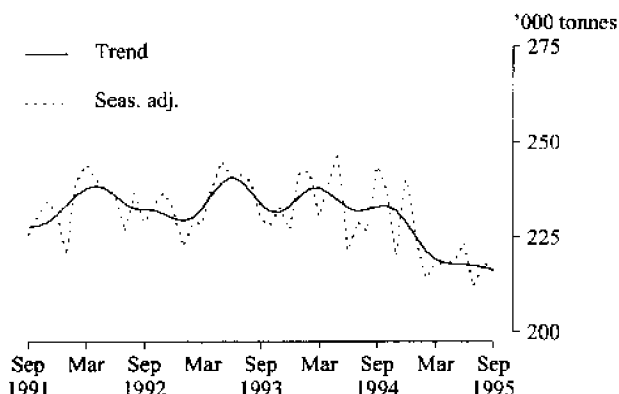
This publication presents monthly and quarterly estimates of selected major indicators of manufacturing production for Australia. There are two graphs shown below for each manufactured commodity. The left hand graph shows seasonally adjusted (where available) and trend estimates over the last four years. 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.

In this issue, the monthly seasonally adjusted estimates for the series *M1 Red meat* have been revised due to the annual re-analysis of seasonal factors. Please refer to the Explanatory Notes at the back of this publication.

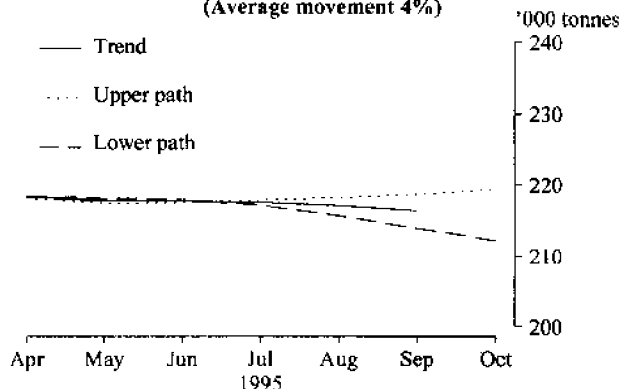
W. McLennan
Australian Statistician

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

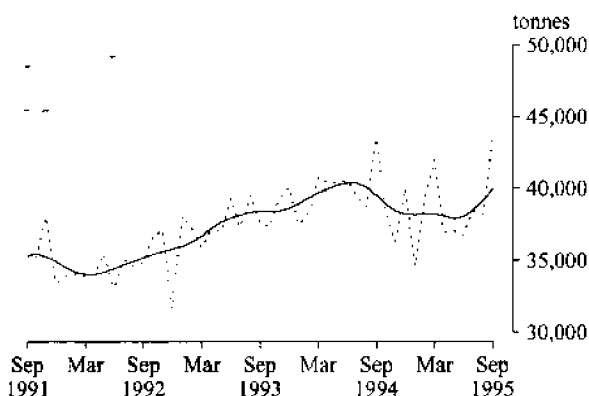
M1. RED MEAT



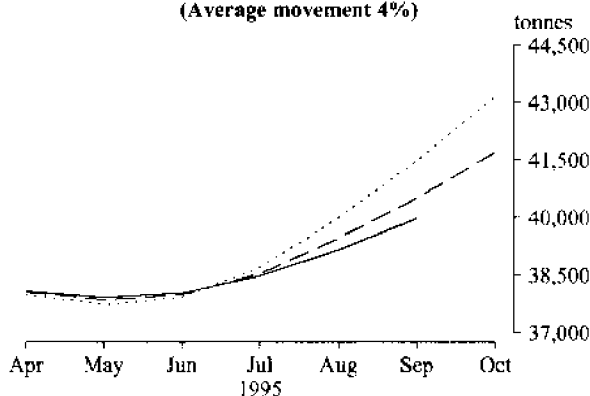
**M1. RED MEAT
(Average movement 4%)**



M2. CHICKEN MEAT



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

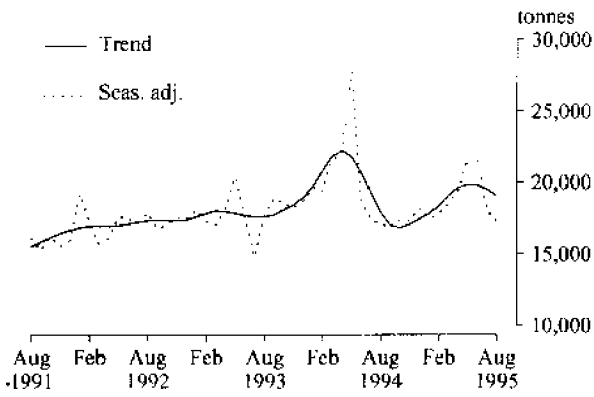


For footnotes see end of tables.

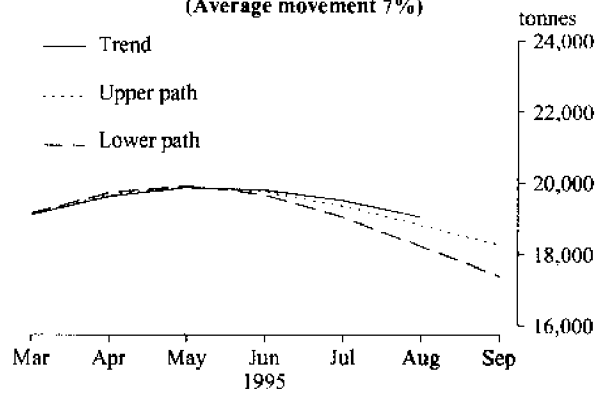
INQUIRIES

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

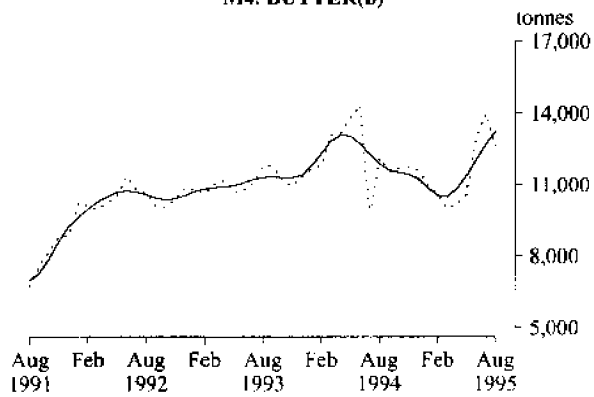
M3. CHEESE(b)



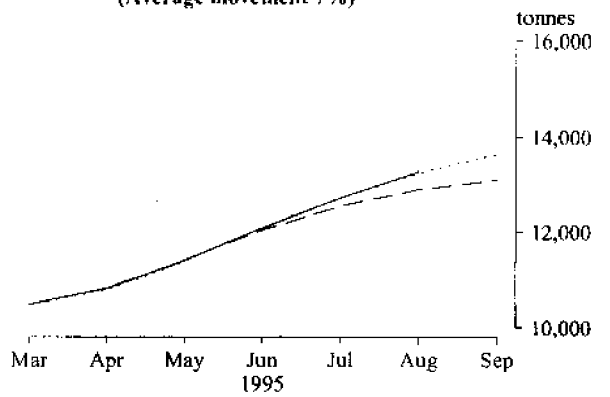
M3. CHEESE(b)
(Average movement 7%)



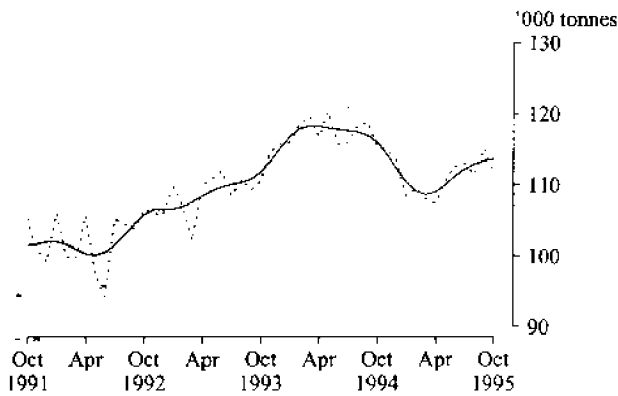
M4. BUTTER(b)



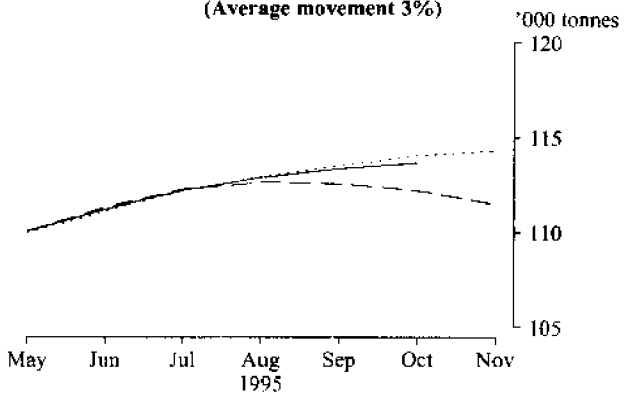
M4. BUTTER(b)
(Average movement 7%)



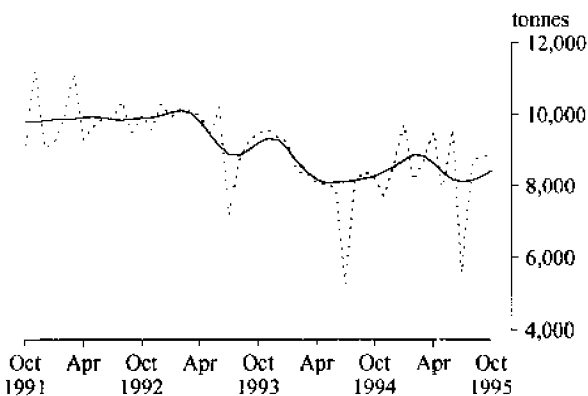
M5. FLOUR OF WHEAT OR OF MESLIN



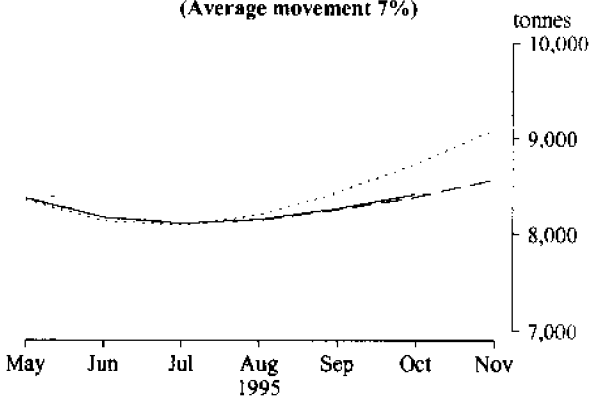
M5. FLOUR OF WHEAT OR OF MESLIN
(Average movement 3%)



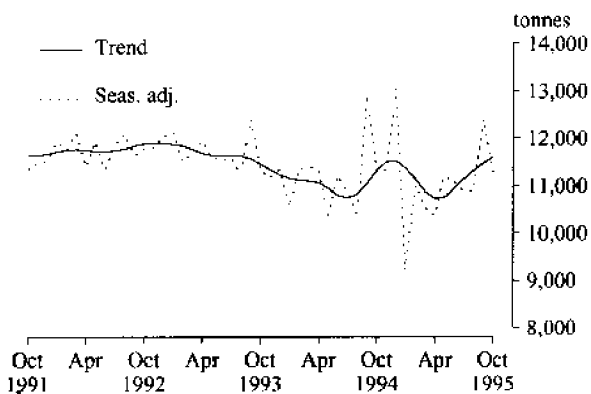
M6. PREPARED FOODS FROM CEREALS



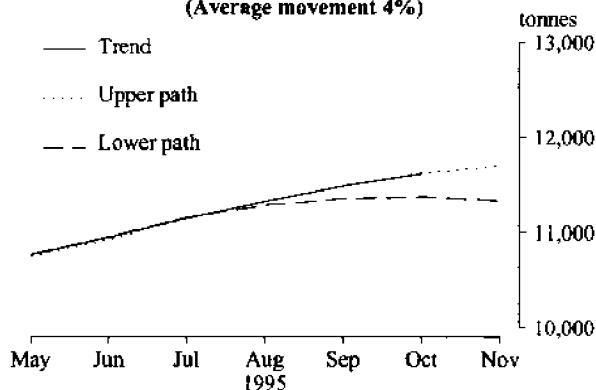
M6. PREPARED FOODS FROM CEREALS
(Average movement 7%)



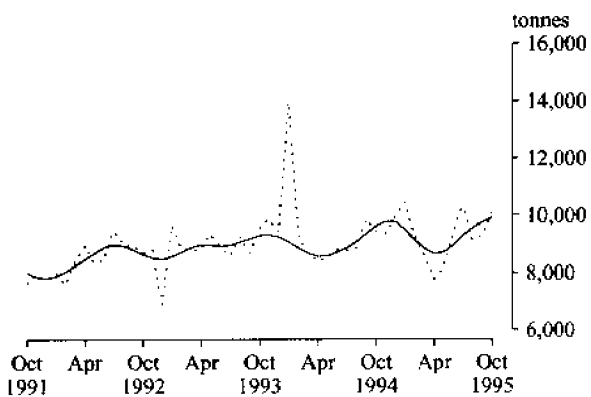
M7. BISCUITS



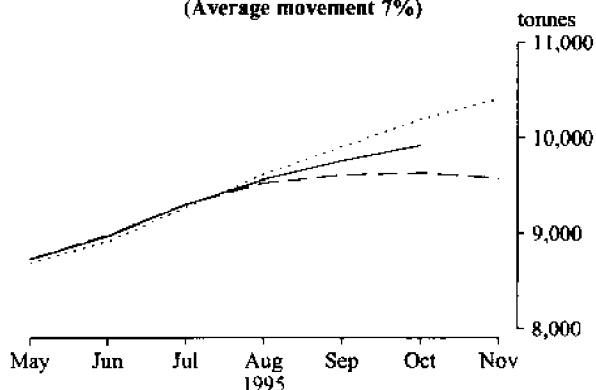
M7. BISCUITS
(Average movement 4%)



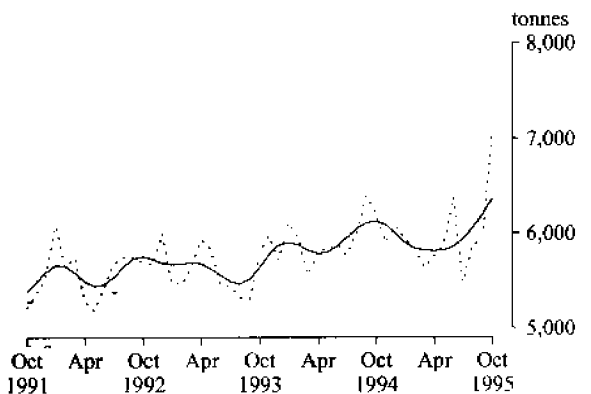
M8. CHOCOLATE BASED CONFECTIONERY



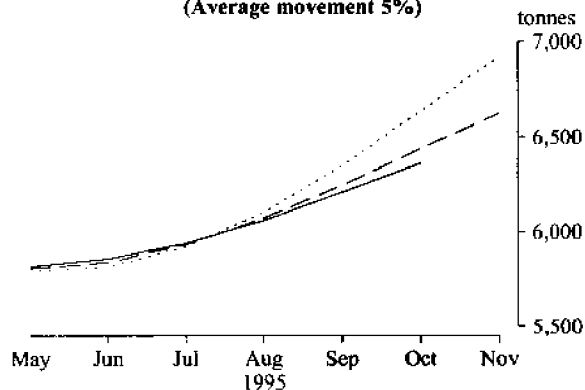
M8. CHOCOLATE BASED CONFECTIONERY
(Average movement 7%)



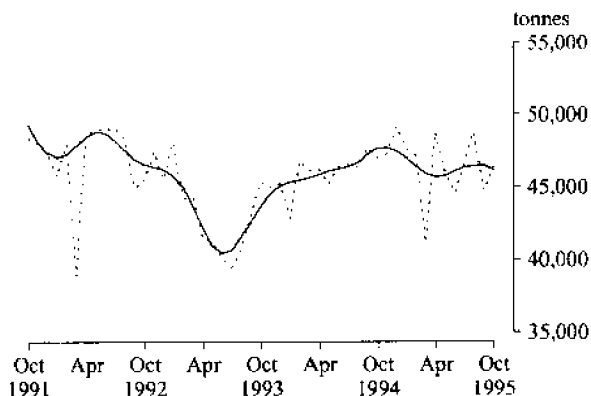
M9. OTHER CONFECTIONERY



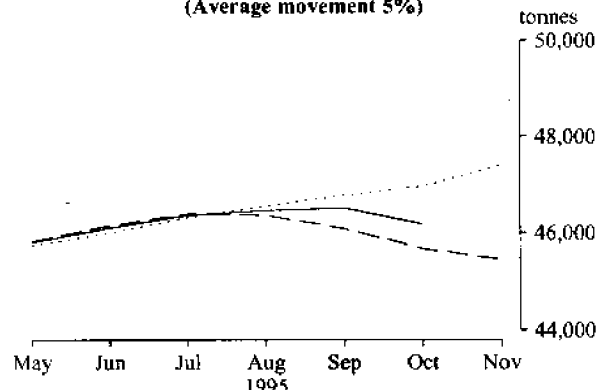
M9. OTHER CONFECTIONERY
(Average movement 5%)

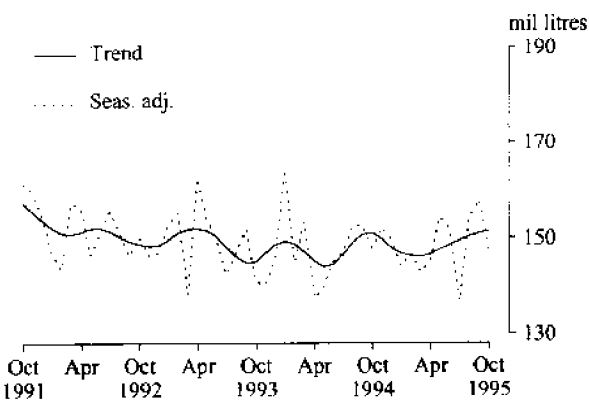
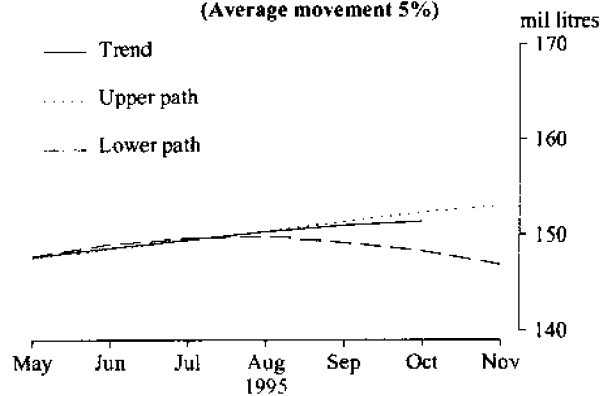
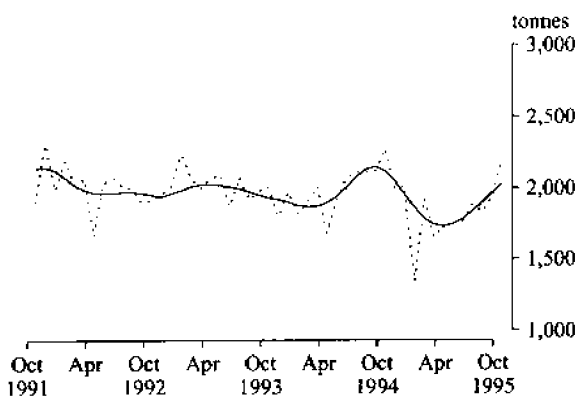
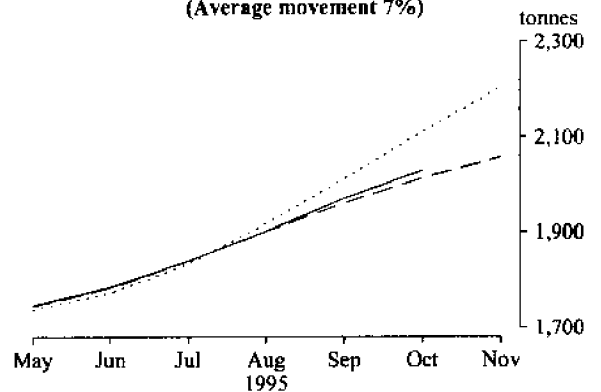
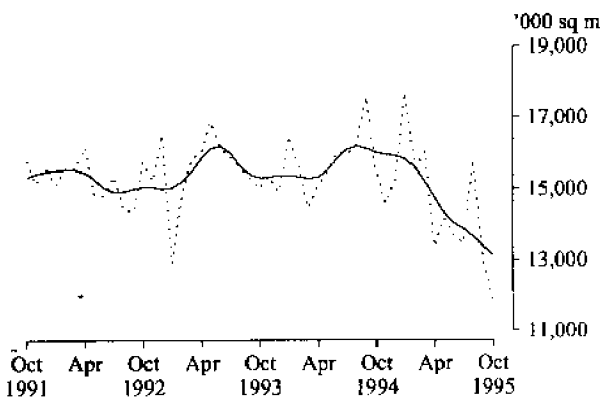
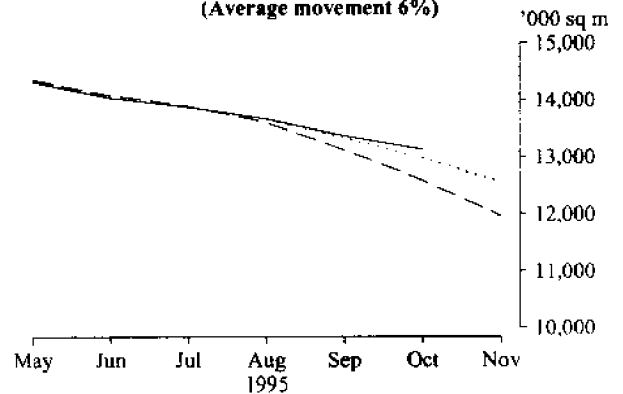
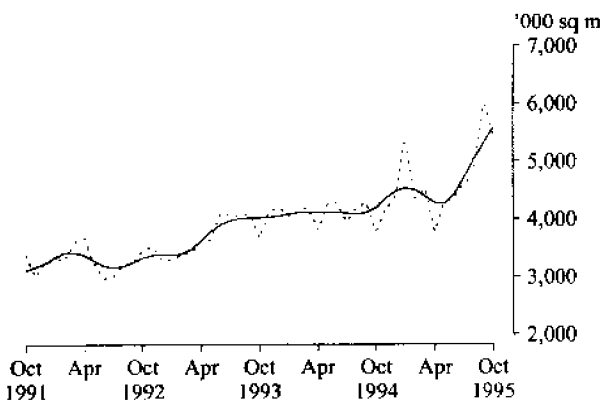
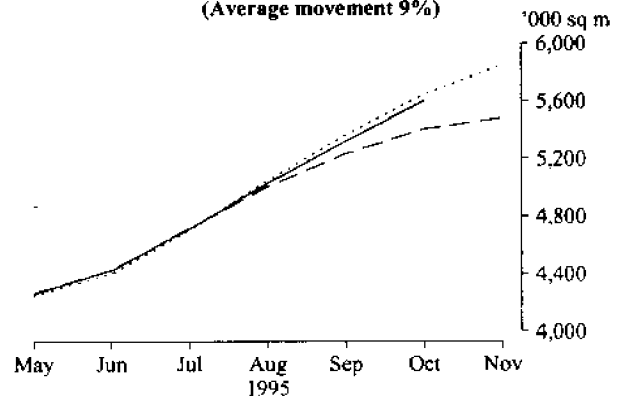


M10. MALT

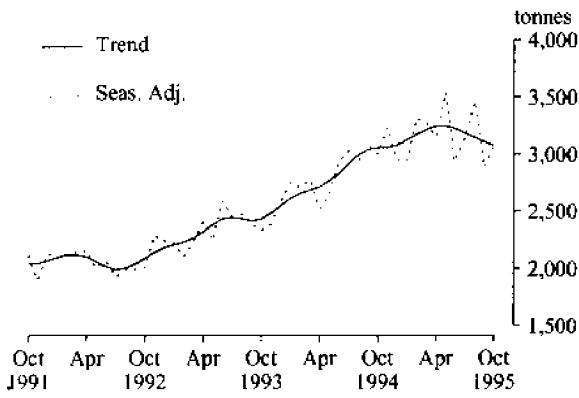


M10. MALT
(Average movement 5%)

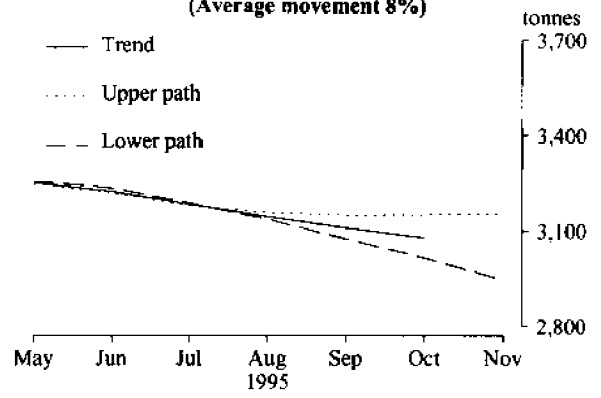


M11. BEER**M11. BEER**
(Average movement 5%)**M12. TOBACCO AND CIGARETTES(c)****M12. TOBACCO AND CIGARETTES(c)**
(Average movement 7%)**M13. MAN-MADE FIBRE WOVEN FABRIC(f)****M13. MAN-MADE FIBRE WOVEN FABRIC(f)**
(Average movement 6%)**M14. COTTON WOVEN FABRIC(f)****M14. COTTON WOVEN FABRIC(f)**
(Average movement 9%)

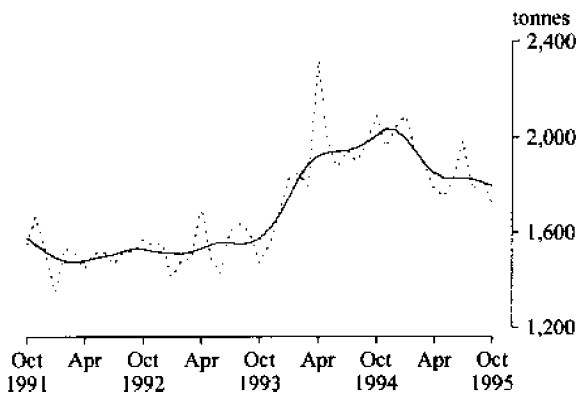
M15. COTTON YARN



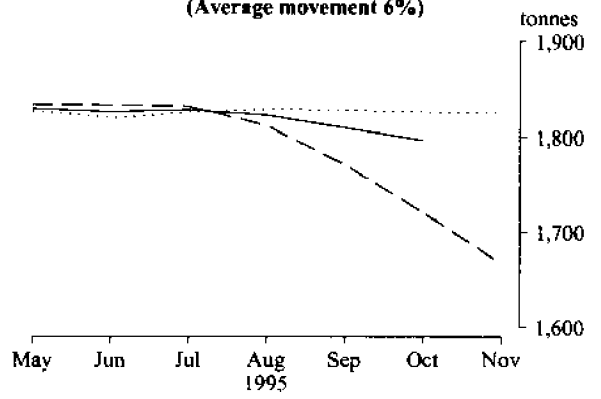
**M15. COTTON YARN
(Average movement 8%)**



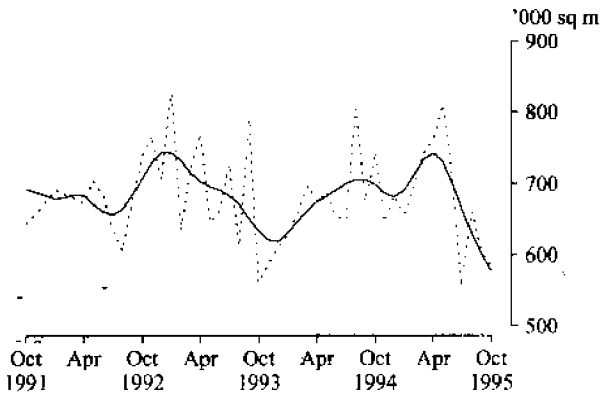
M16. WOOL YARN



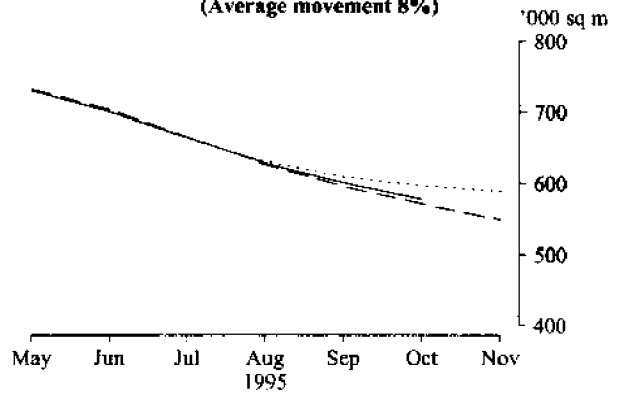
**M16. WOOL YARN
(Average movement 6%)**



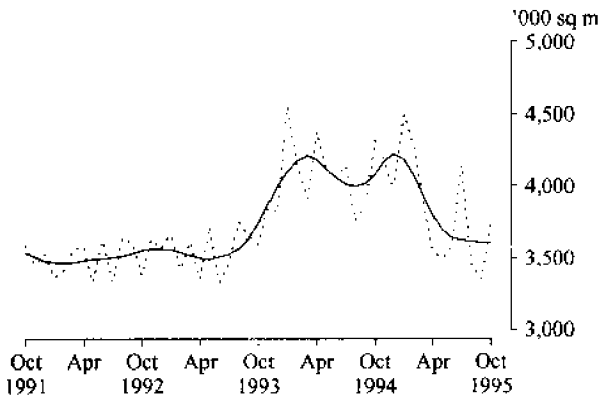
M17. WOOL WOVEN FABRIC



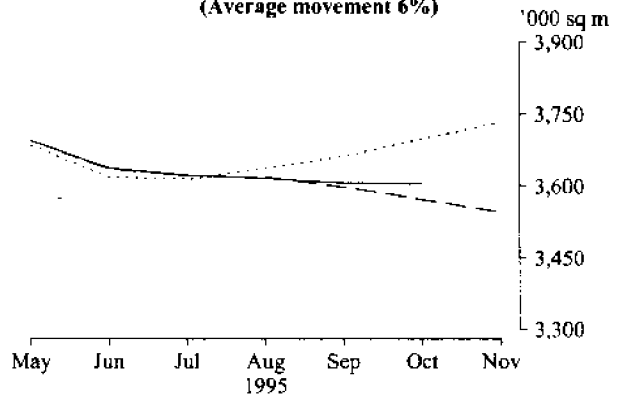
**M17. WOOL WOVEN FABRIC
(Average movement 8%)**



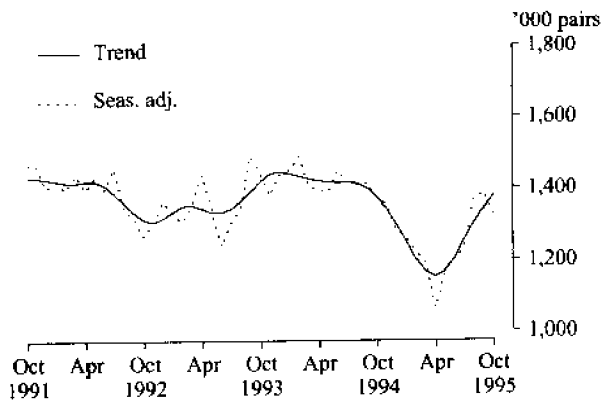
M18. TEXTILE FLOOR COVERINGS



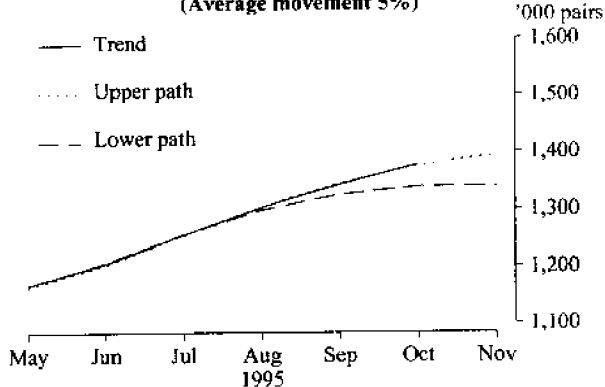
**M18. TEXTILE FLOOR COVERINGS
(Average movement 6%)**



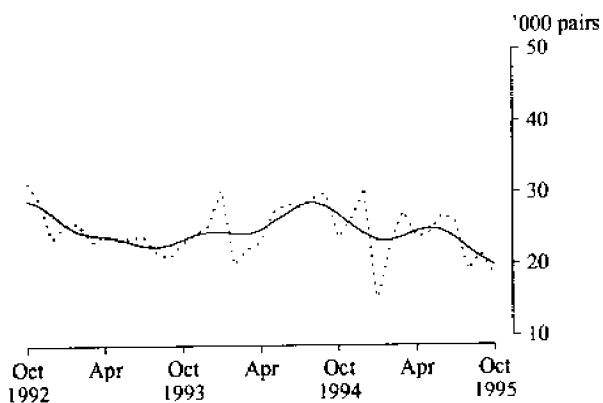
M19. FOOTWEAR (EXCLUDING SPORTS FOOTWEAR)



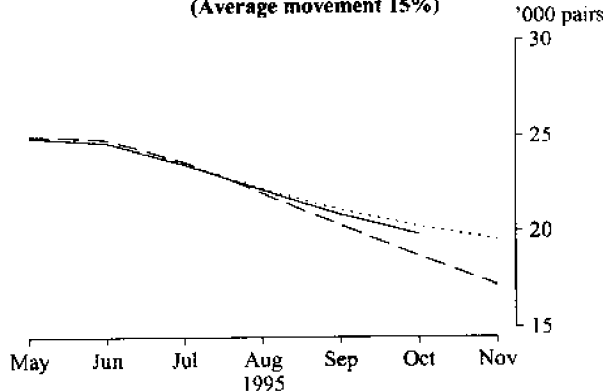
M19. FOOTWEAR (EXCLUDING SPORTS FOOTWEAR)
(Average movement 5%)



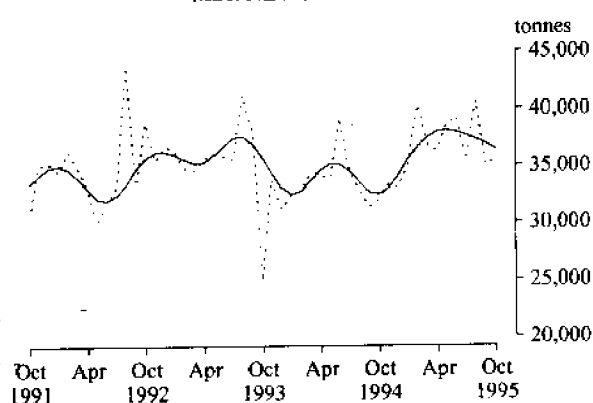
M20. SPORTS FOOTWEAR



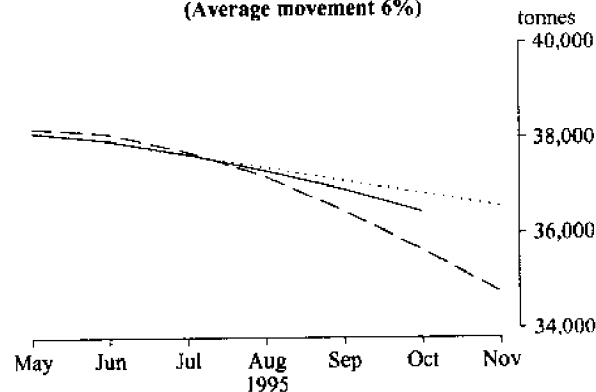
M20. SPORTS FOOTWEAR
(Average movement 15%)



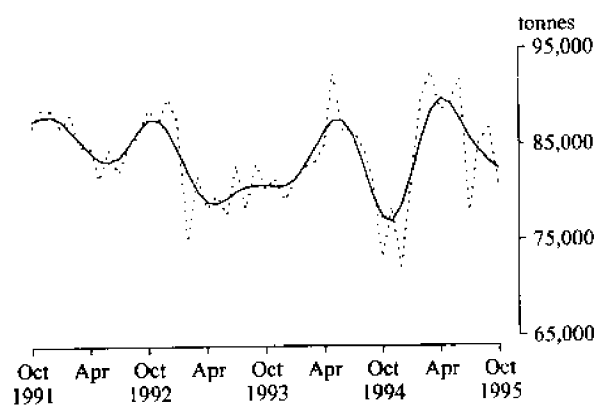
M21. NEWSPRINT



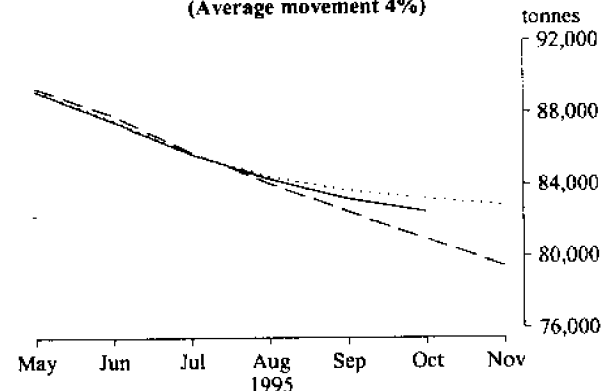
M21. NEWSPRINT
(Average movement 6%)



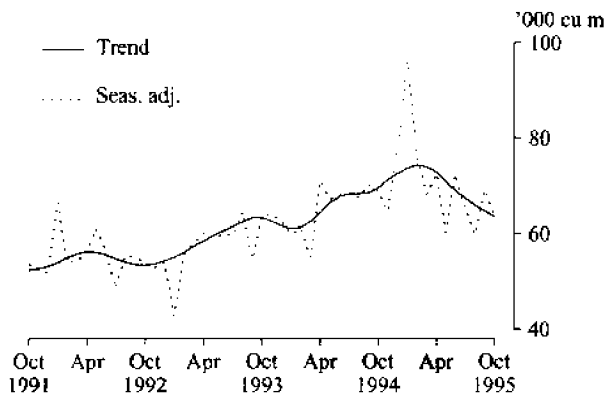
M22. WOOD PULP



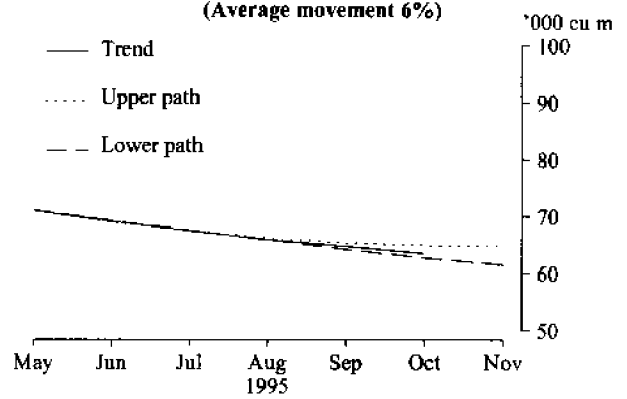
M22. WOOD PULP
(Average movement 4%)



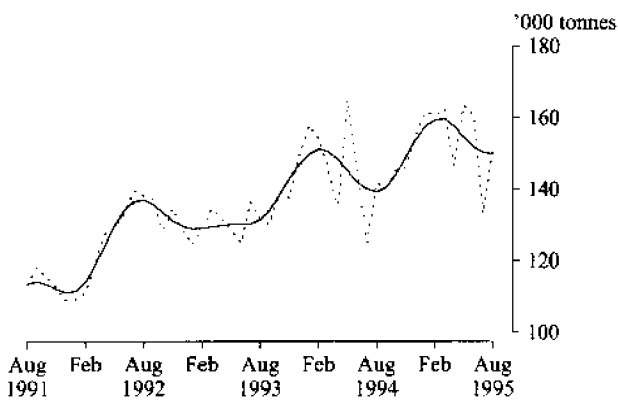
M23. UNLAMINATED PARTICLE BOARD



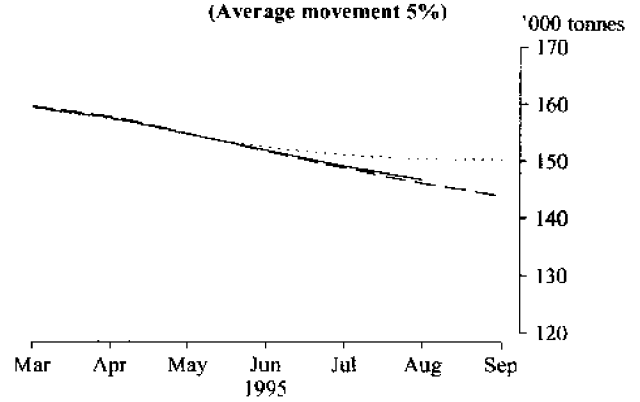
**M23. UNLAMINATED PARTICLE BOARD
(Average movement 6%)**



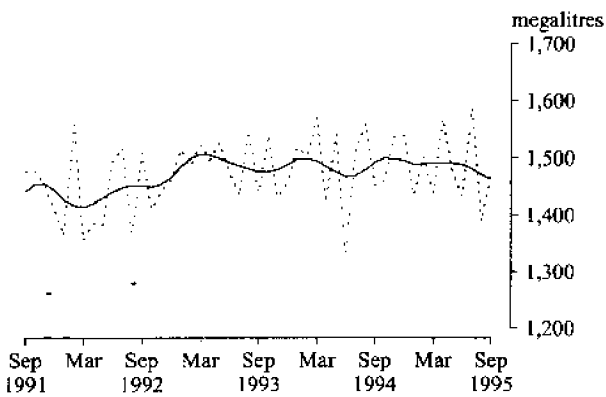
M24. PAPER



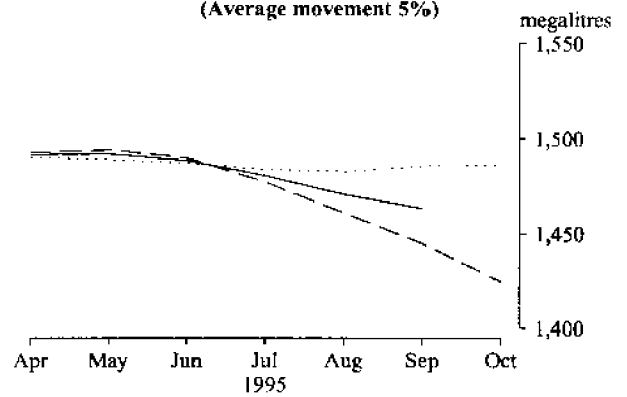
**M24. PAPER
(Average movement 5%)**



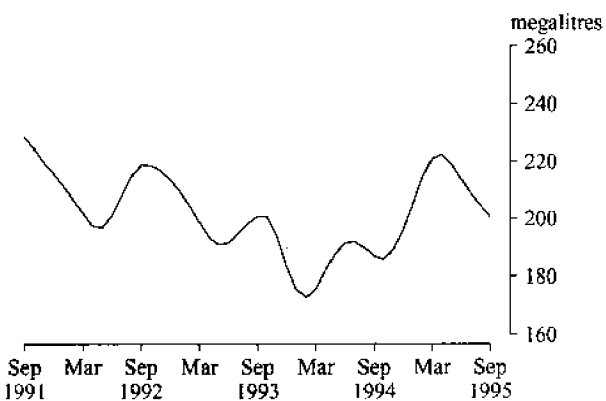
M26. AUTOMOTIVE GASOLINE(d)



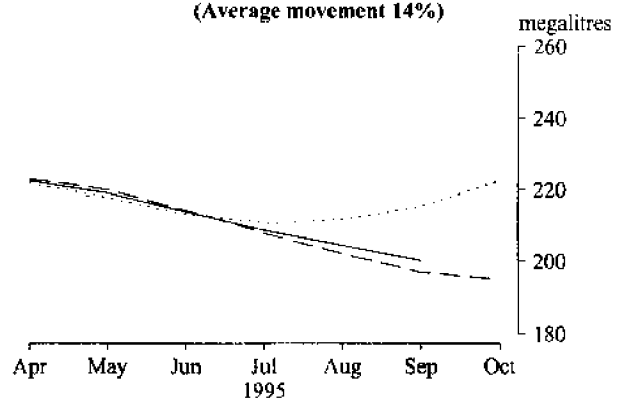
**M26. AUTOMOTIVE GASOLINE(d)
(Average movement 5%)**



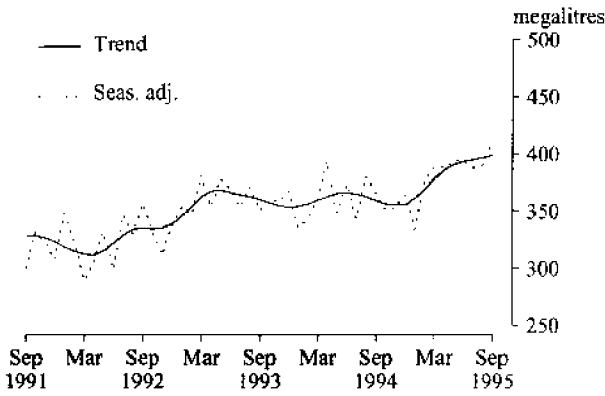
M27. FUEL OIL(d)



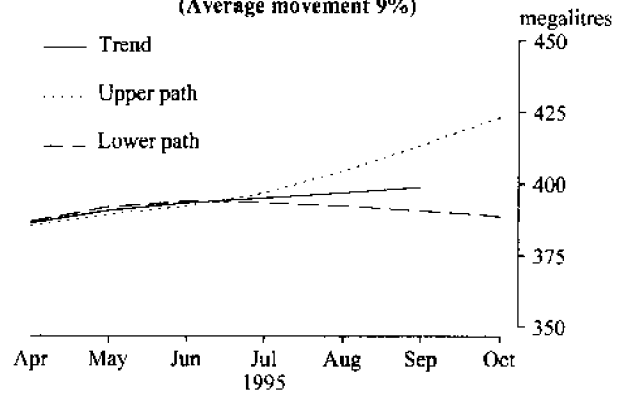
**M27. FUEL OIL(d)
(Average movement 14%)**



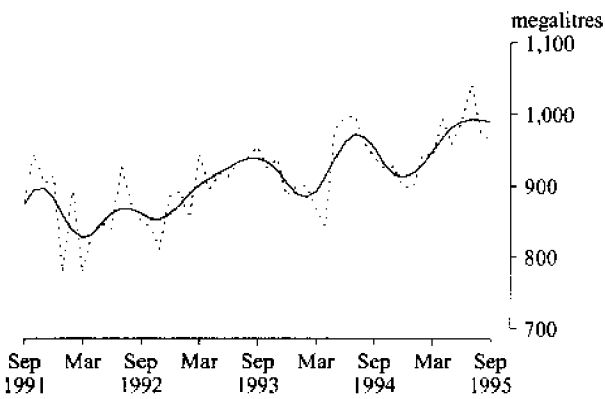
M28. AVIATION TURBINE FUEL(d)



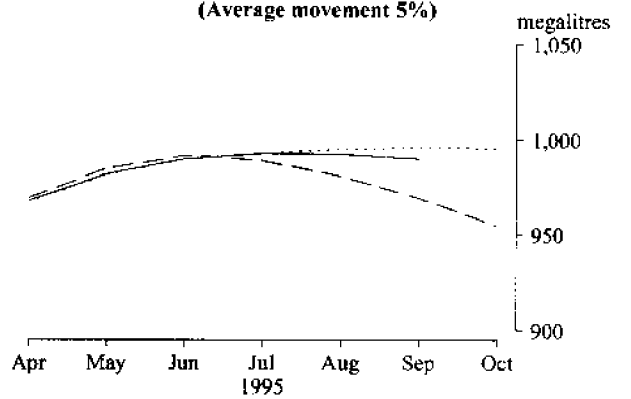
M28. AVIATION TURBINE FUEL(d)
(Average movement 9%)



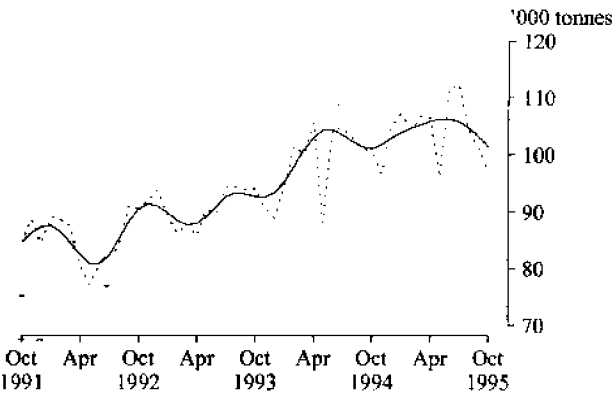
M29. AUTOMOTIVE DIESEL OIL(d)



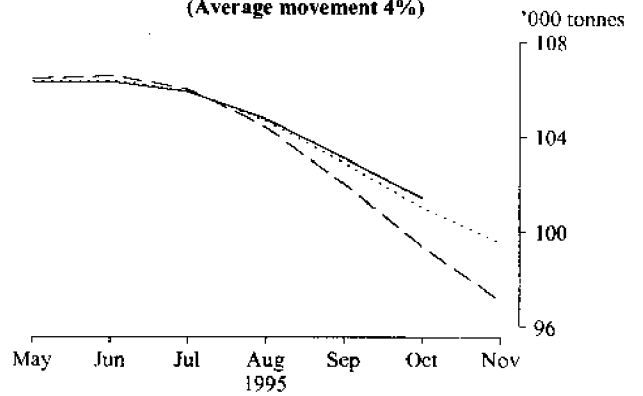
M29. AUTOMOTIVE DIESEL OIL(d)
(Average movement 5%)



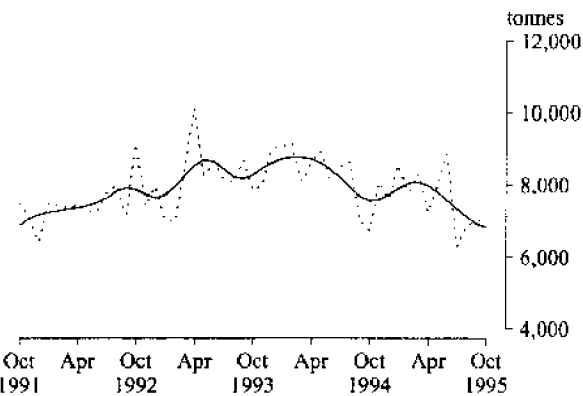
M30. PLASTICS IN PRIMARY FORMS



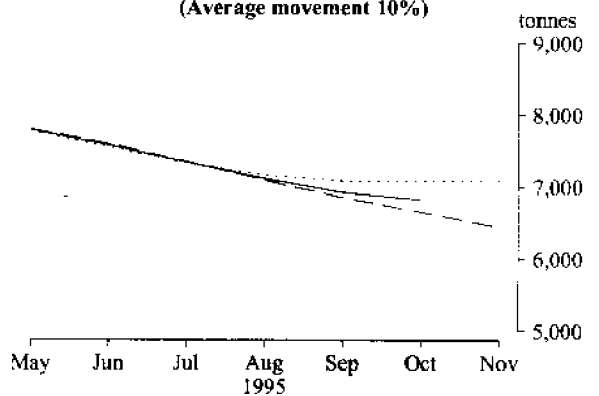
M30. PLASTICS IN PRIMARY FORMS
(Average movement 4%)



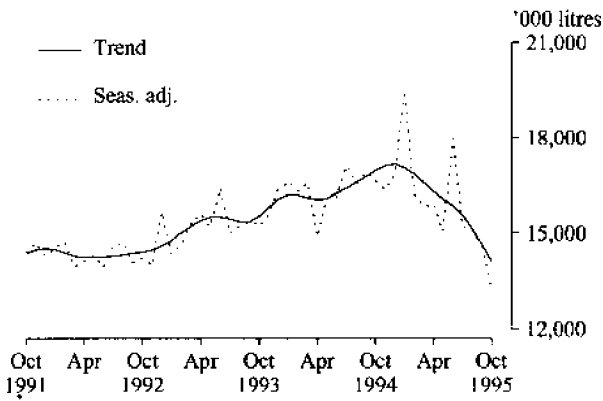
M31. RIGID PVC TUBES, PIPES AND HOSES



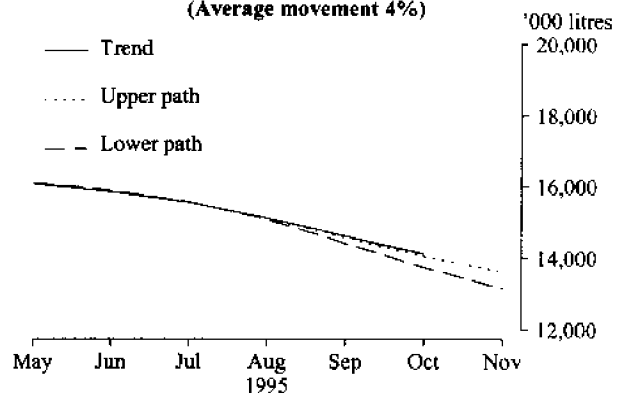
M31. RIGID PVC TUBES, PIPES AND HOSES
(Average movement 10%)



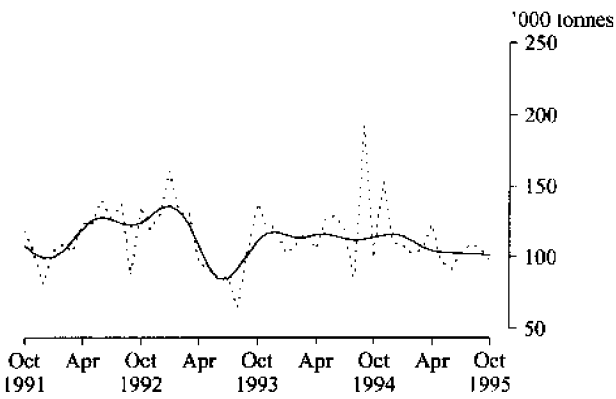
M33. PAINT



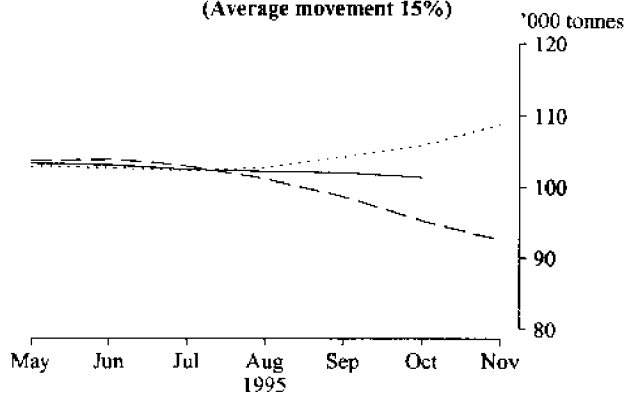
M33. PAINT
(Average movement 4%)



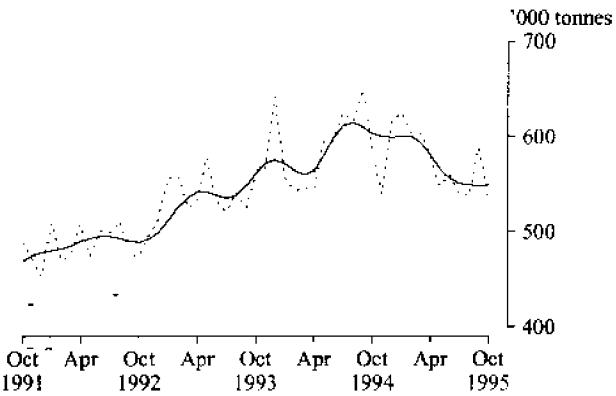
M34. SUPERPHOSPHATES



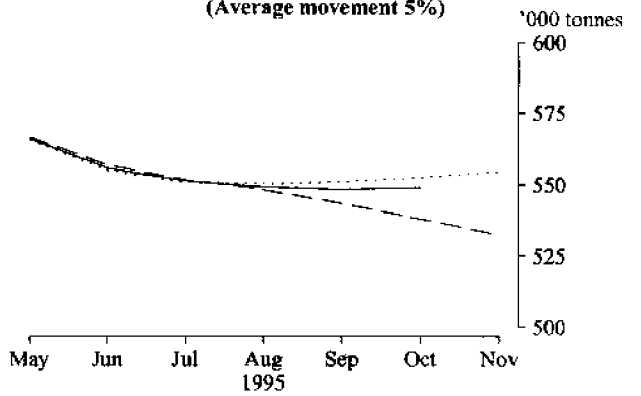
M34. SUPERPHOSPHATES
(Average movement 15%)



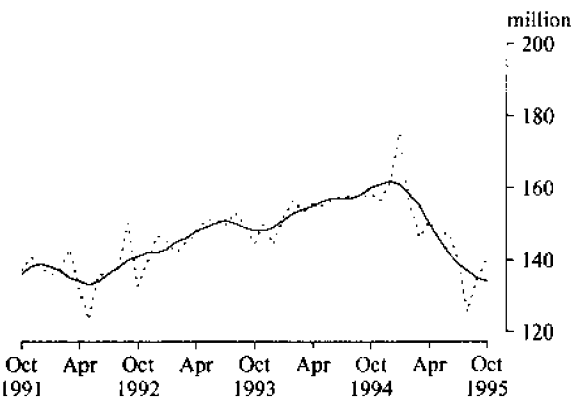
M35. PORTLAND CEMENT



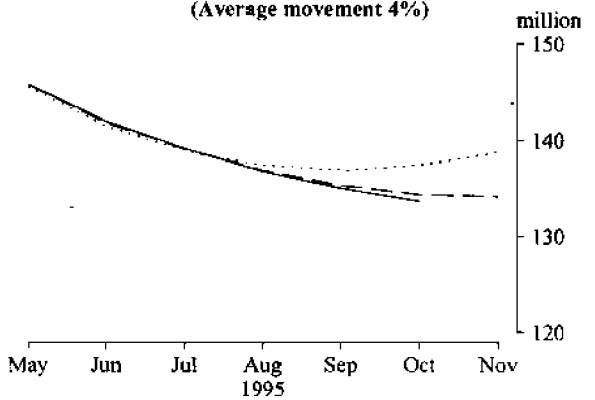
M35. PORTLAND CEMENT
(Average movement 5%)



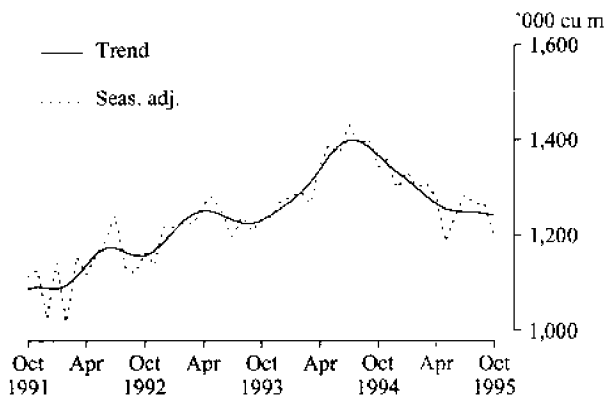
M36. CLAY BRICKS



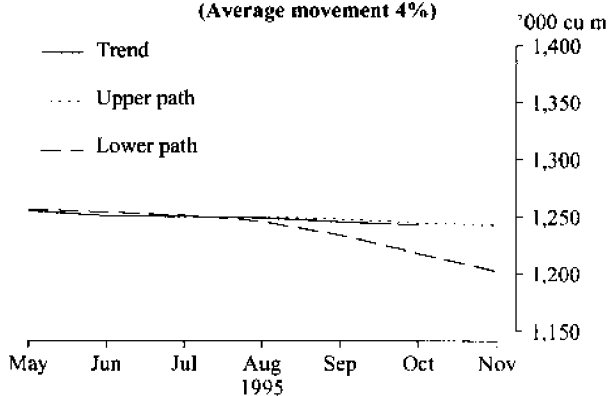
M36. CLAY BRICKS
(Average movement 4%)



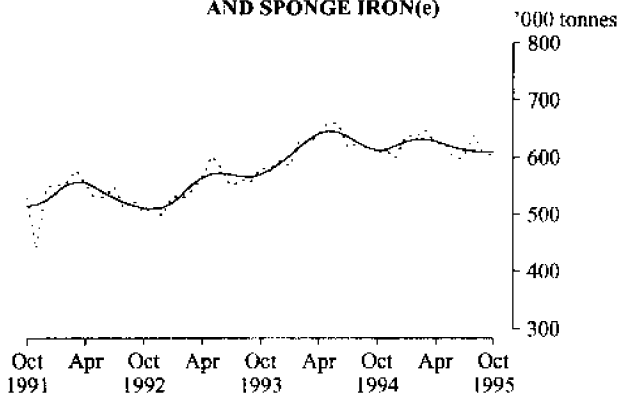
M37. READY MIXED CONCRETE



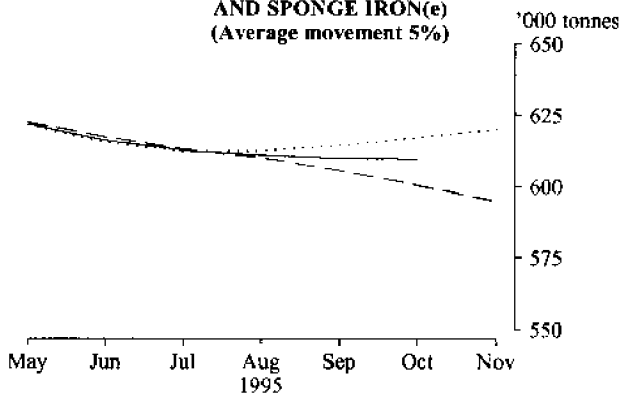
**M37. READY MIXED CONCRETE
(Average movement 4%)**



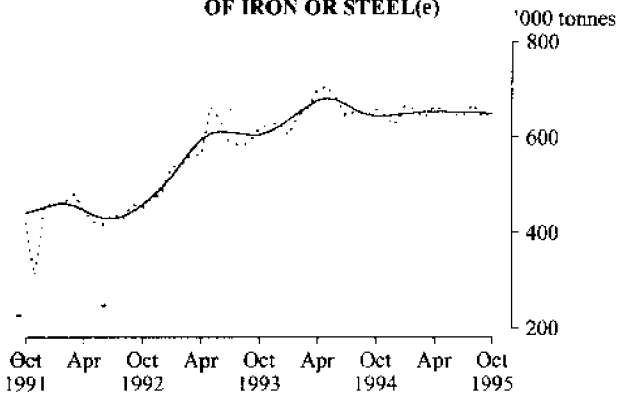
**M38. BASIC IRON, SPIEGELEISEN
AND SPONGE IRON(e)**



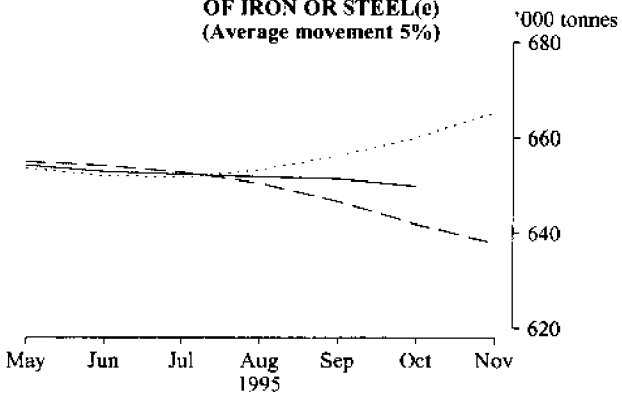
**M38. BASIC IRON, SPIEGELEISEN
AND SPONGE IRON(e)
(Average movement 5%)**



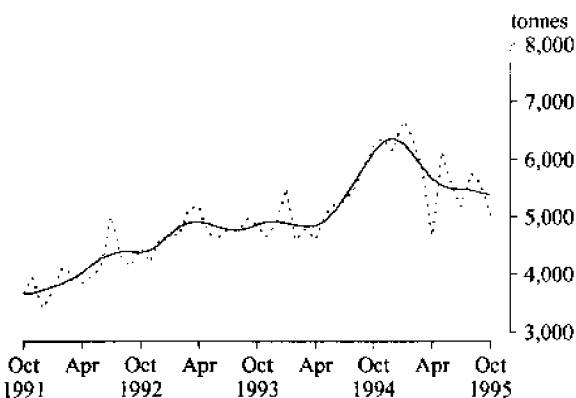
**M39. BLOOMS AND SLABS
OF IRON OR STEEL(e)**



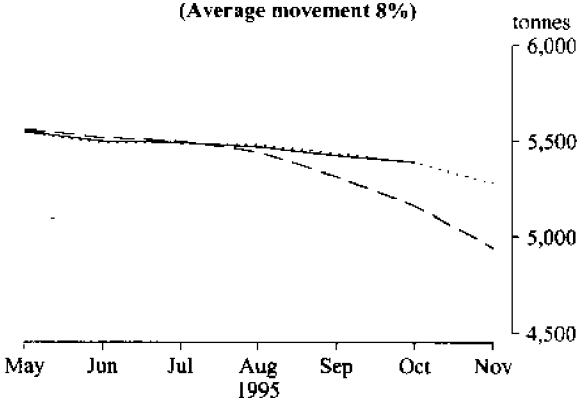
**M39. BLOOMS AND SLABS
OF IRON OR STEEL(e)
(Average movement 5%)**



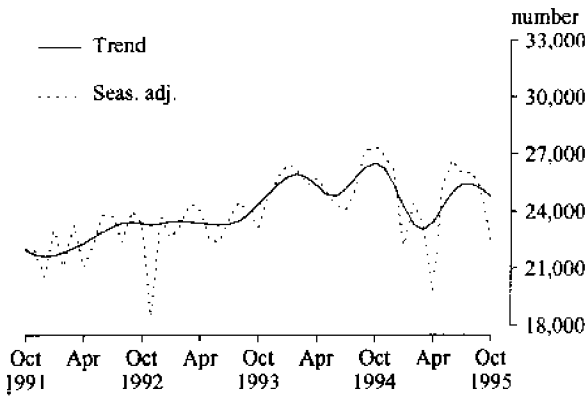
M40. INSULATED WIRE



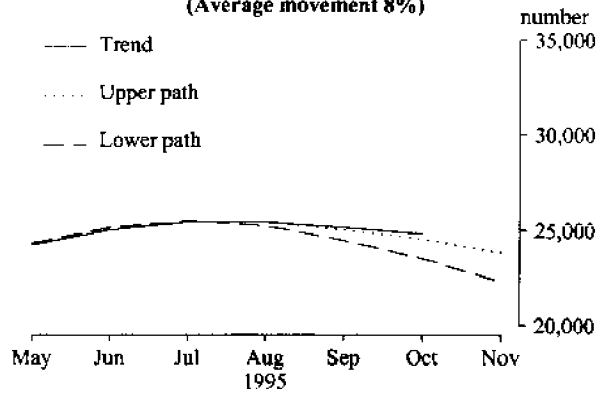
**M40. INSULATED WIRE
(Average movement 8%)**



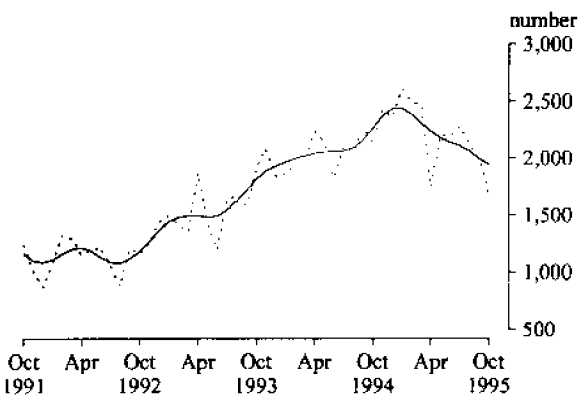
M41. CARS AND STATION WAGONS



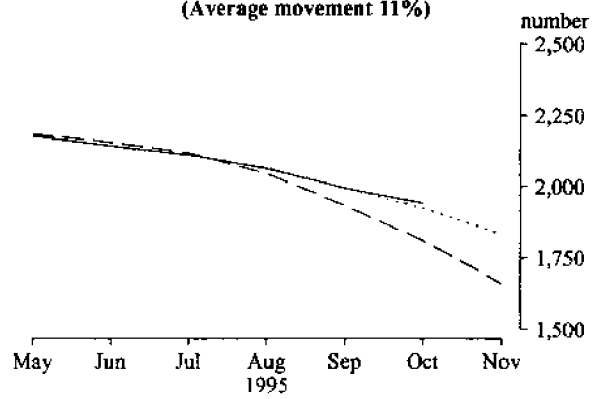
M41. CARS AND STATION WAGONS
 (Average movement 8%)



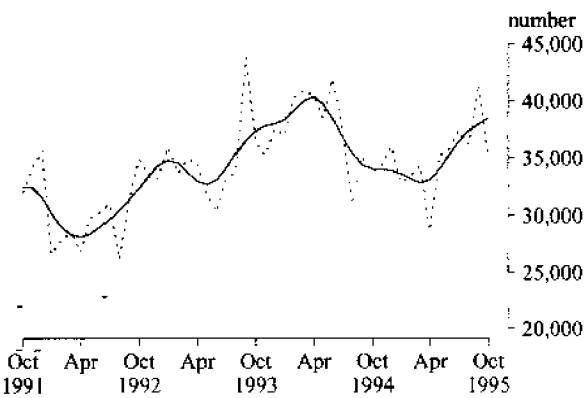
M42. VEHICLES FOR GOODS AND MATERIALS



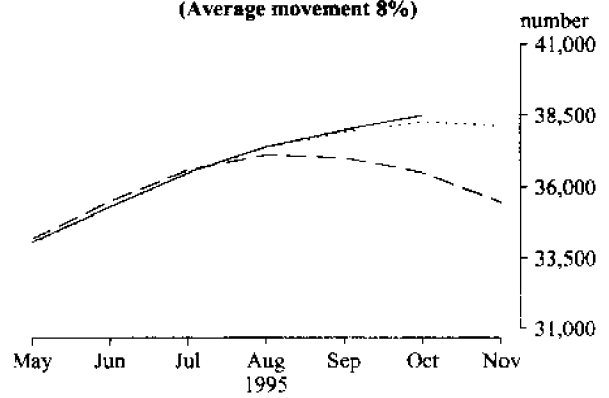
M42. VEHICLES FOR GOODS AND MATERIALS
 (Average movement 11%)



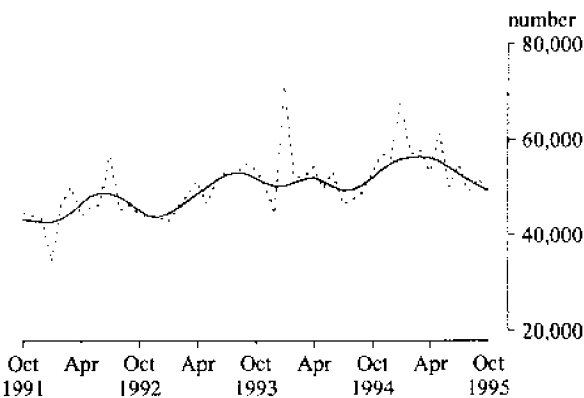
M44. DOMESTIC REFRIGERATORS



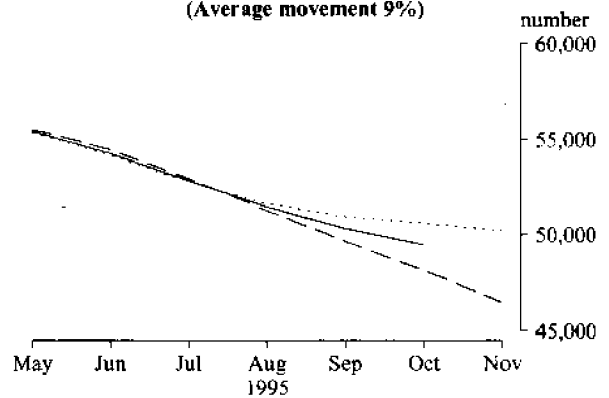
M44. DOMESTIC REFRIGERATORS
 (Average movement 8%)



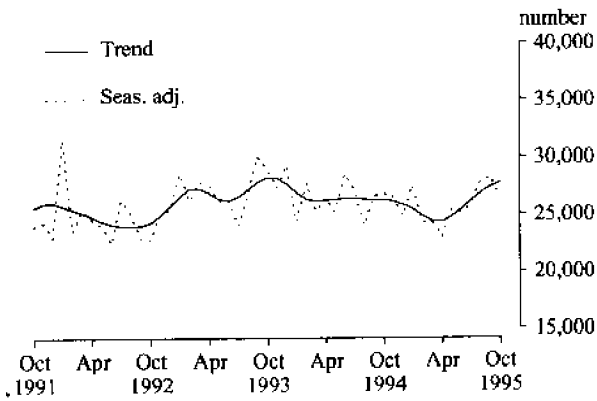
M45. WATER HEATERS



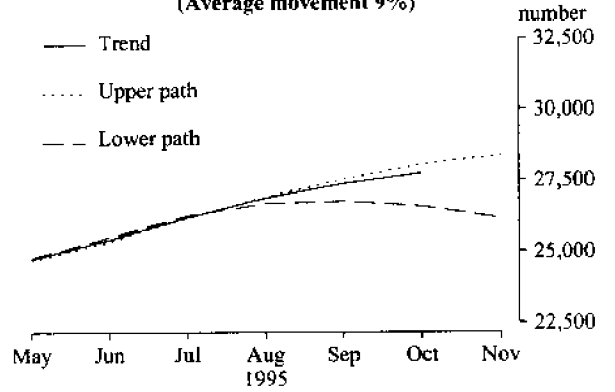
M45. WATER HEATERS
 (Average movement 9%)



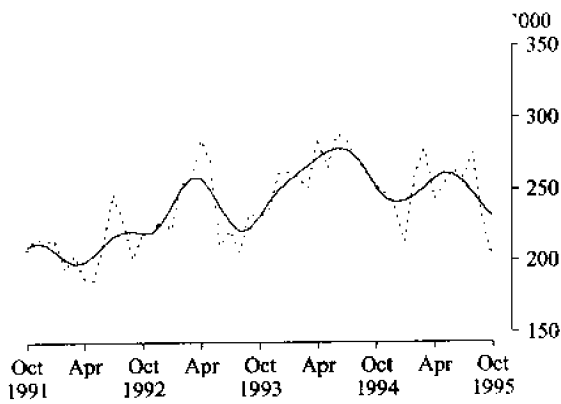
M46. DOMESTIC CLOTHES WASHING MACHINES



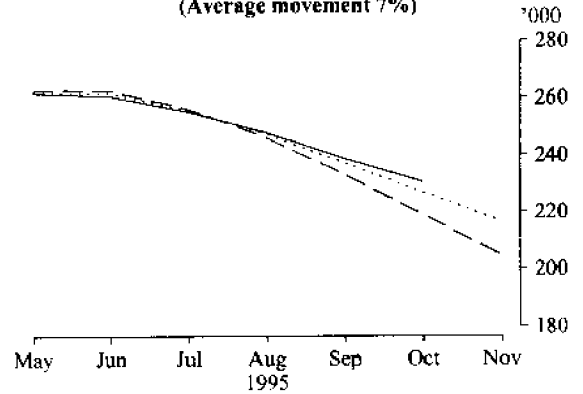
M46. DOMESTIC CLOTHES WASHING MACHINES
(Average movement 9%)



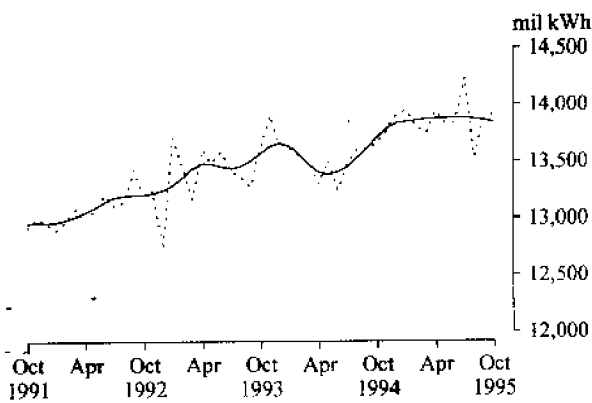
M47. ELECTRIC MOTORS



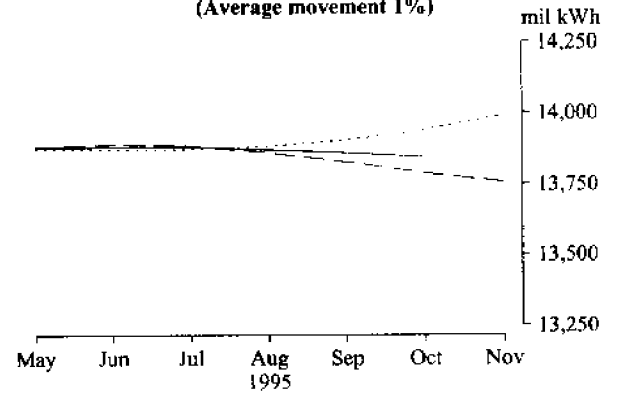
M47. ELECTRIC MOTORS
(Average movement 7%)



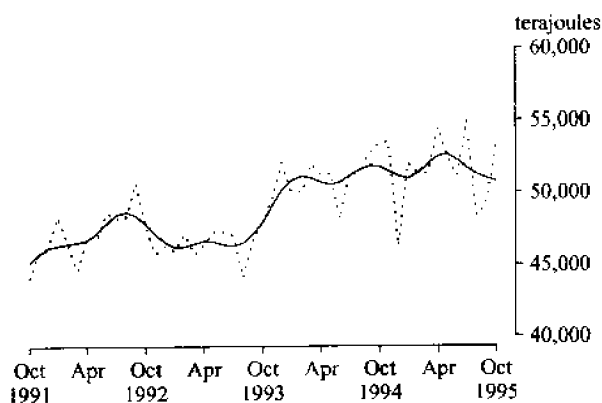
M48. ELECTRICITY



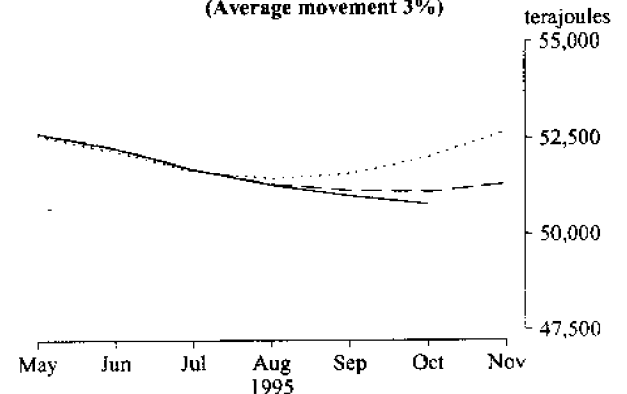
M48. ELECTRICITY
(Average movement 1%)



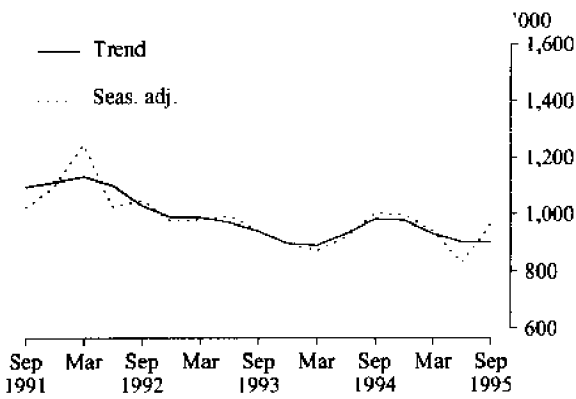
M49. GAS



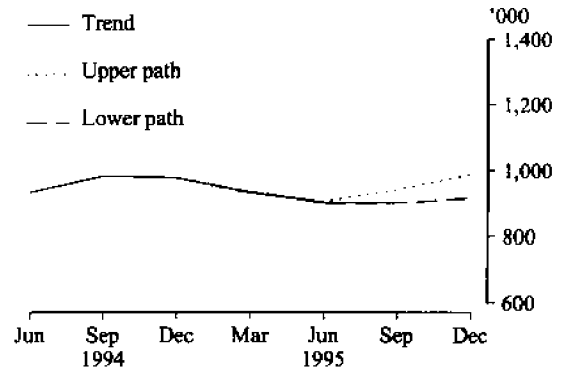
M49. GAS
(Average movement 3%)



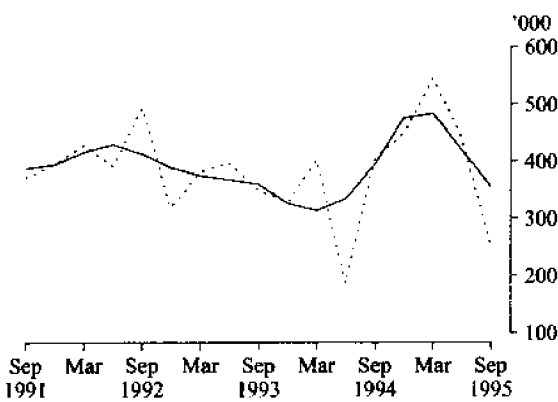
Q1. MEN'S AND BOYS' LONG TROUSERS



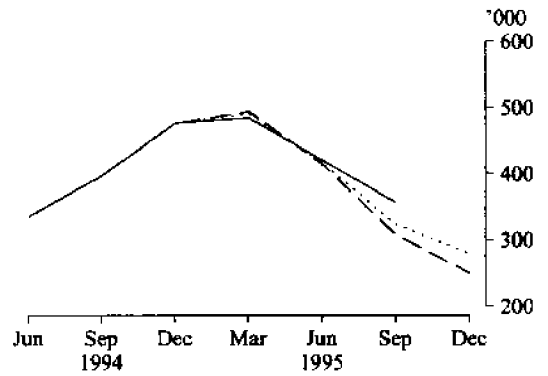
Q1. MEN'S AND BOYS' LONG TROUSERS
(Average movement 7%)



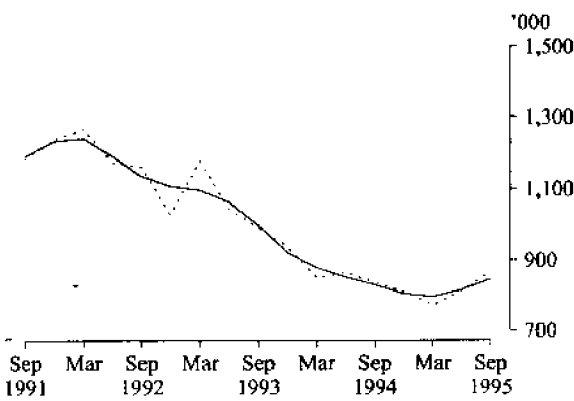
Q2. WOMEN'S AND GIRLS' LONG TROUSERS



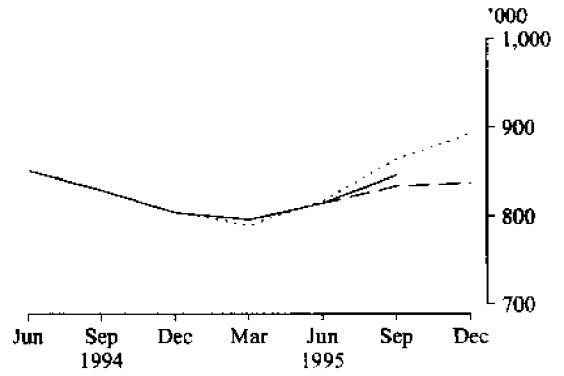
Q2. WOMEN'S AND GIRLS' LONG TROUSERS
(Average movement 11%)



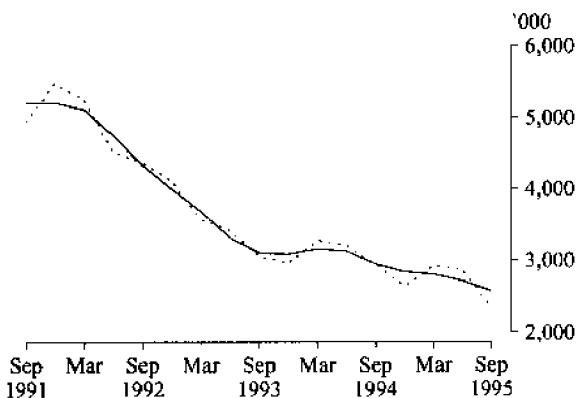
Q3. JEANS



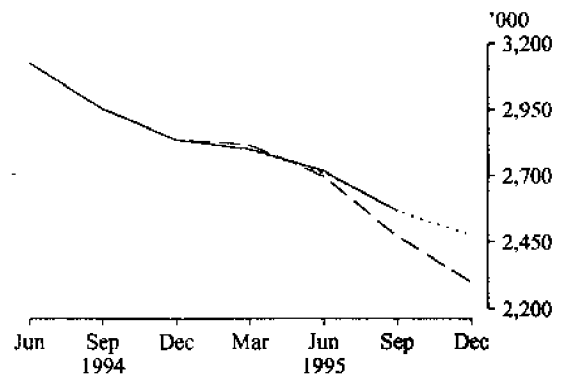
Q3. JEANS
(Average movement 6%)



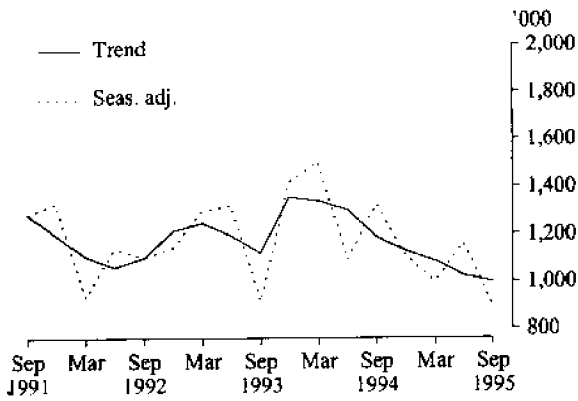
Q4. MEN'S AND BOYS' SHIRTS



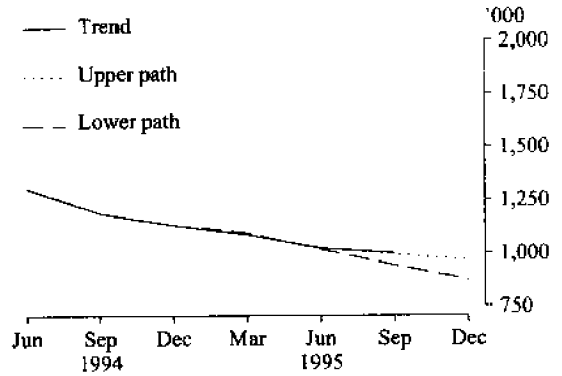
Q4. MEN'S AND BOYS' SHIRTS
(Average movement 7%)



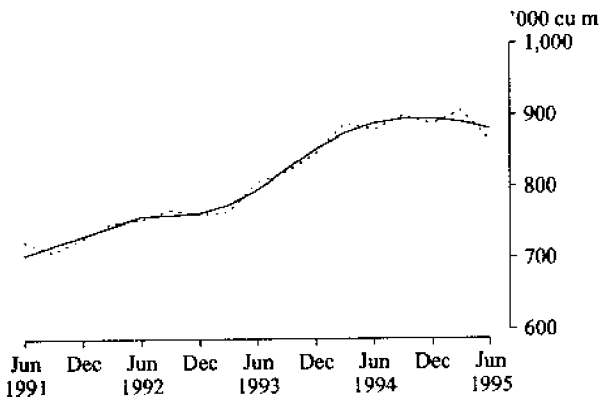
Q5. WOMEN'S SHIRTS AND BLOUSES



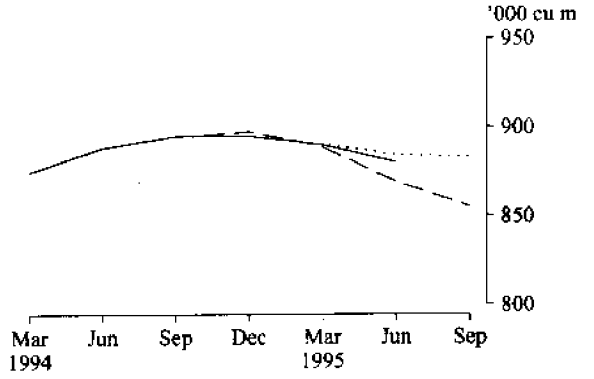
Q5. WOMEN'S SHIRTS AND BLOUSES
(Average movement 11%)



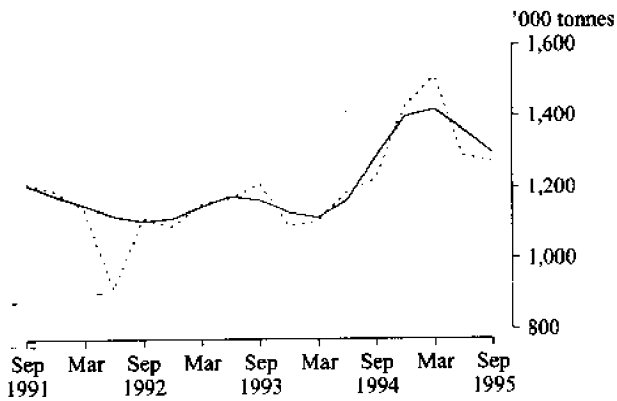
Q6. UNDRESSED SAWN TIMBER(d)



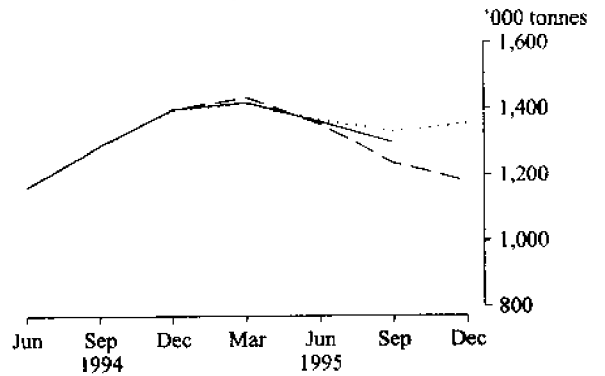
Q6. UNDRESSED SAWN TIMBER(d)
(Average movement 3%)



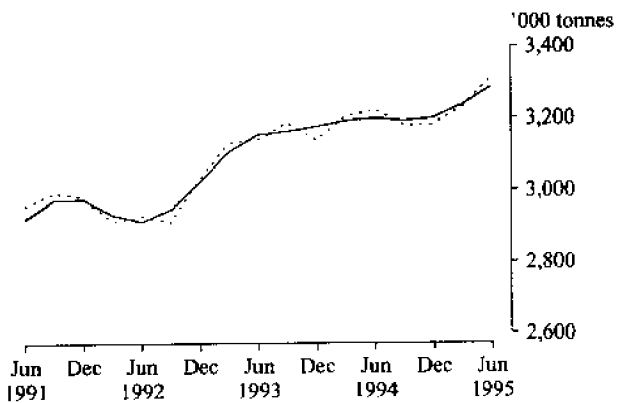
Q7. HARDWOOD WOODCHIPS



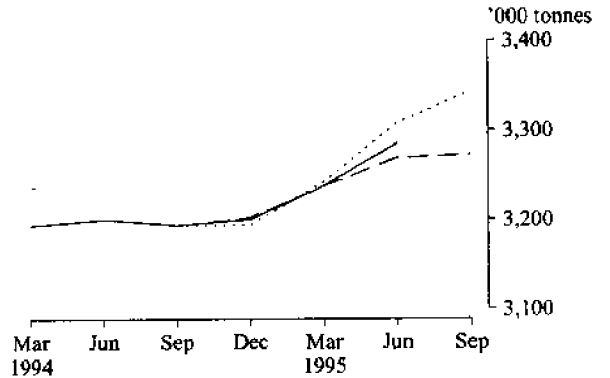
Q7. HARDWOOD WOODCHIPS
(Average movement 7%)



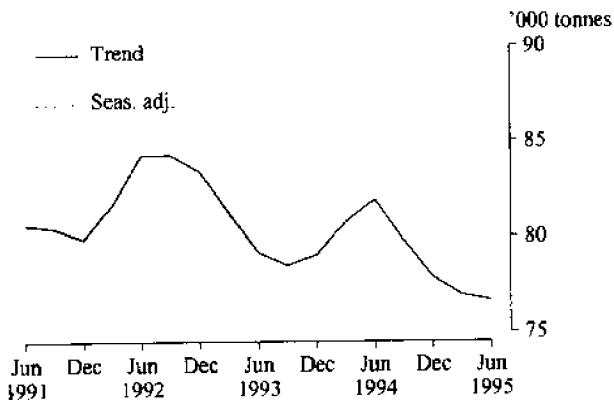
Q8. ALUMINA(d)



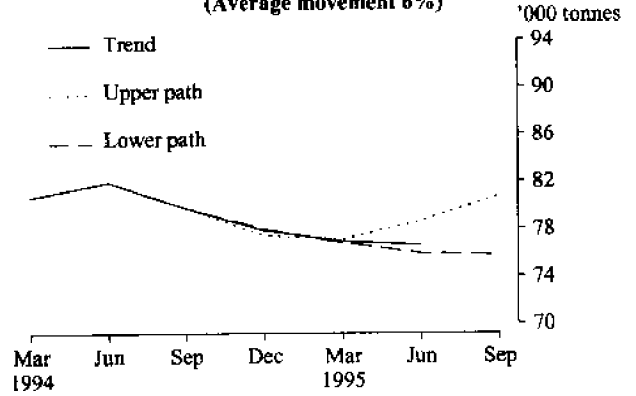
Q8. ALUMINA(d)
(Average movement 2%)



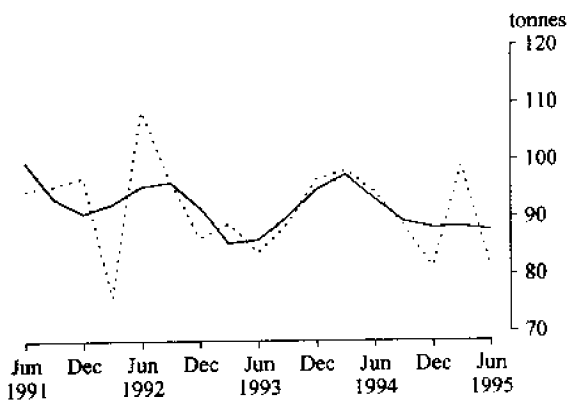
Q9. ZINC(d)



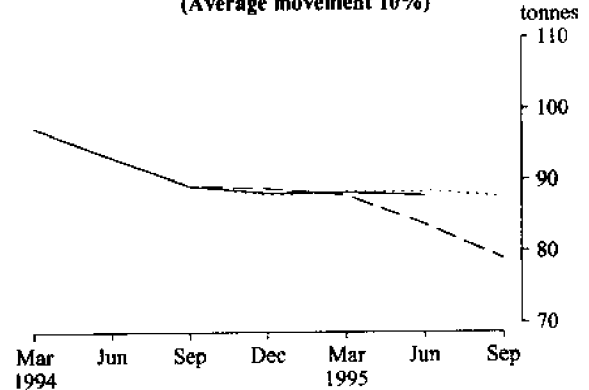
Q9. ZINC(d)
(Average movement 6%)



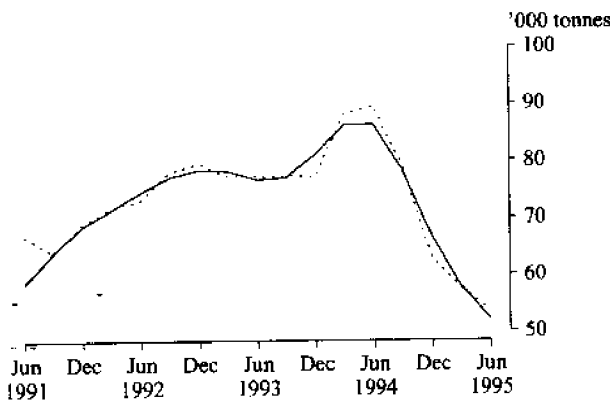
Q10. SILVER(d)



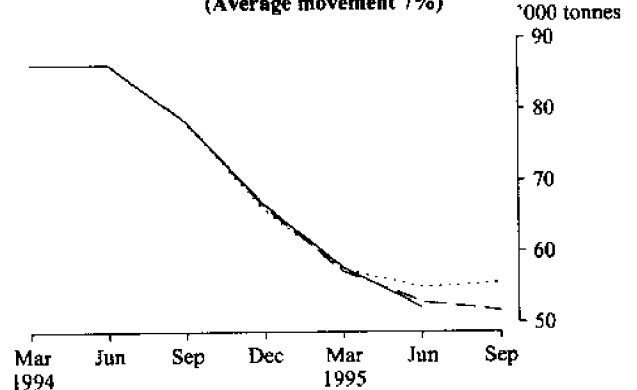
Q10. SILVER(d)
(Average movement 10%)



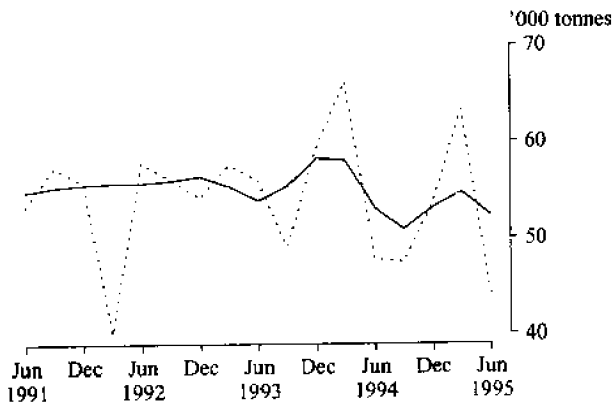
Q11. COPPER(d)



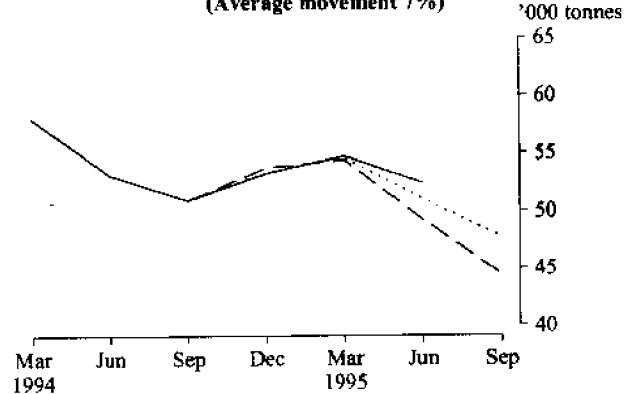
Q11. COPPER(d)
(Average movement 7%)



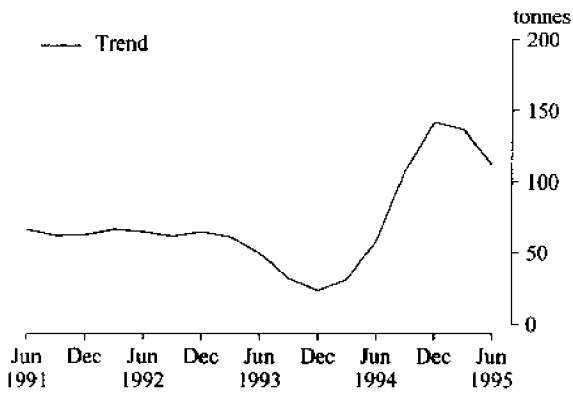
Q12. LEAD(d)



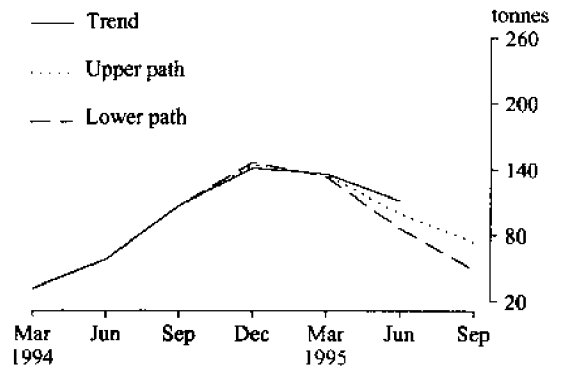
Q12. LEAD(d)
(Average movement 7%)



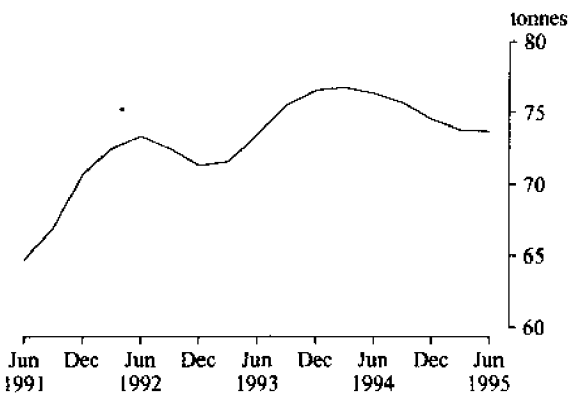
Q13. TIN(d)



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



Q14. GOLD(d)



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

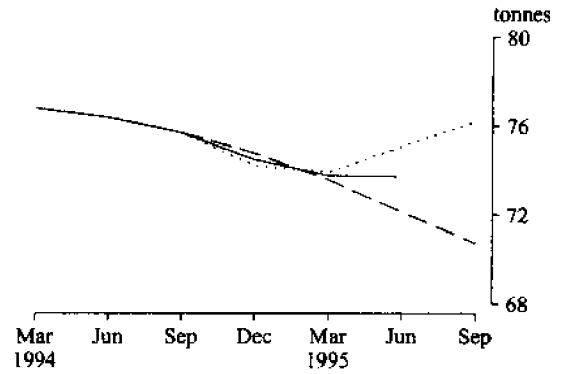


TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, OCTOBER 1995

No. Item	Series (a)	Unit	1995									Percentage changes between latest month shown and-	
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	prev. month	same month prev. year
M1. Red meat	Orig.	'000 tonnes	203	240	199	243	226	195	r 226	224	n.y.a.	-1.2	-12.4
	S. adj. r	"	214	218	218	219	224	212	218	216	n.y.a.	-1.1	-11.4
	Trend r	"	221	219	218	218	218	218	217	216	n.y.a.	-0.3	-7.2
M2. Chicken meat	Orig.	tonnes	37,796	42,383	37,823	36,615	37,575	r 39,996	r 36,781	39,391	n.y.a.	7.1	-3.2
	S. adj.	"	39,481	41,961	36,975	37,011	36,746	r 38,420	r 38,155	43,439	n.y.a.	13.8	0.1
	Trend	"	38,251	38,224	38,085	37,909	38,028	38,481	39,154	39,981	n.y.a.	2.1	1.2
M3. Cheese(b)	Orig. r	"	17,490	18,481	15,575	13,617	10,779	10,257	13,630	n.y.a.	n.y.a.	32.9	-0.8
	S. adj. r	"	17,878	18,472	19,300	21,552	21,720	17,955	17,313	n.y.a.	n.y.a.	-3.6	1.5
	Trend r	"	18,403	19,076	19,608	19,857	19,793	19,495	19,027	n.y.a.	n.y.a.	-2.4	6.5
M4. Butter(b)	Orig.	"	10,499	9,296	7,031	5,312	6,604	6,200	7,749	n.y.a.	n.y.a.	25.0	4.1
	S. adj.	"	10,589	9,964	10,175	10,583	13,037	13,989	12,623	n.y.a.	n.y.a.	-9.8	4.3
	Trend	"	10,512	10,497	10,824	11,409	12,082	12,719	13,274	n.y.a.	n.y.a.	4.4	11.9
M5. Flour of wheat or of meslin	Orig.	'000 tonnes	105	116	98	116	122	108	119	r 120	110	-8.1	-3.6
	S. adj.	"	109	108	107	110	113	113	111	r 115	112	-2.7	-2.8
	Trend	"	109	109	109	110	111	112	113	113	114	0.3	-2.0
M6. Prepared foods from cereals	Orig.	tonnes	7,876	9,736	8,576	8,744	9,942	5,928	8,371	9,029	9,024	-0.1	5.8
	S. adj.	"	8,135	8,739	9,504	7,828	9,558	5,578	8,672	8,862	8,831	-0.3	7.7
	Trend	"	8,882	8,850	8,650	8,378	8,175	8,112	8,152	8,267	8,419	1.8	1.7
M7. Biscuits	Orig.	"	10,690	12,102	8,787	11,625	11,931	11,231	12,503	13,263	11,766	-11.3	1.2
	S. adj.	"	11,008	10,533	r 10,377	11,200	11,075	10,879	10,891	12,400	11,275	-9.1	-0.1
	Trend	"	11,132	10,870	10,727	10,763	10,946	11,147	11,324	11,487	11,616	1.1	2.4
M8. Chocolate based confectionery	Orig.	"	9,334	9,785	6,495	8,668	9,685	10,109	11,095	9,706	10,763	10.9	9.5
	S. adj.	"	9,262	8,608	7,794	8,181	9,332	10,439	9,126	9,300	10,074	8.3	6.6
	Trend	"	9,157	8,842	8,680	8,726	8,971	9,296	9,561	9,759	9,924	1.7	3.1
M9. Other confectionery	Orig.	"	5,475	5,946	4,538	5,932	6,804	5,626	7,076	6,742	7,585	12.5	15.0
	S. adj.	"	5,832	5,640	5,768	5,873	6,377	5,478	5,873	5,935	7,059	18.9	13.7
	Trend	"	5,837	5,821	5,813	5,817	5,858	5,941	6,058	6,208	6,363	2.5	3.8
M10. Malt	Orig.	"	47,882	41,548	45,213	50,270	r 43,823	r 44,952	r 48,402	r 44,529	44,705	0.4	-3.0
	S. adj.	"	47,130	41,057	48,803	46,151	r 44,540	r 46,484	r 48,790	r 44,705	46,452	3.9	-1.2
	Trend	"	46,416	45,922	45,711	45,804	46,107	46,370	46,471	46,527	46,188	-0.7	-3.1
M11. Beer	Orig.	mil litres	136	152	127	151	130	119	153	144	166	15.4	4.0
	S. adj.	"	147	143	146	154	152	137	154	158	148	-6.5	-0.1
	Trend	"	146	146	147	148	149	150	150	151	151	0.2	0.3
M12. Tobacco and cigarettes(c)	Orig.	tonnes	2,088	1,855	1,345	2,084	1,855	2,157	2,070	r 1,910	2,021	5.8	-1.4
	S. adj.	"	1,920	1,652	1,735	1,752	1,772	1,883	1,824	r 1,937	2,173	12.2	-4.7
	Trend	"	1,786	1,741	1,728	1,746	1,786	1,839	1,903	1,971	2,030	3.0	-4.3
M13. Man-made fibre woven fabric(f)	Orig.	'000 sq m	15,943	18,309	12,092	15,089	15,130	13,874	16,863	13,530	12,471	-7.8	-22.8
	S. adj.	"	15,564	16,045	13,379	14,168	13,691	13,463	15,811	12,987	11,799	-9.2	-23.8
	Trend	"	15,586	15,183	14,743	14,322	14,039	13,875	13,665	13,368	13,136	-1.7	-18.1
M14. Cotton woven fabric(f)	Orig.	"	4,383	5,478	3,640	4,554	5,242	4,584	5,256	r 7,000	5,571	-20.4	38.8
	S. adj.	"	4,355	4,528	3,790	4,277	4,386	4,631	4,728	r 6,076	5,440	-10.5	43.4
	Trend	"	4,509	4,394	4,277	4,268	4,429	4,716	5,030	5,321	5,601	5.3	32.9

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, OCTOBER 1995 —continued

No. Item	Series (a)	Unit	1995									Percentage changes between latest month shown and-	
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	prev. month	same month prev. year
M15. Cotton yarn	Orig.	tonnes	3,143	3,864	2,774	3,708	3,605	3,094	3,831	3,201	3,077	-3.9	3.4
	S. adj.	"	3,309	3,276	3,143	3,540	2,936	3,132	3,463	2,885	3,084	6.9	2.7
	Trend	"	3,171	3,214	3,245	3,249	3,223	3,182	3,144	3,109	3,079	-1.0	0.7
M16. Wool yarn	Orig.	"	1,930	1,910	1,493	1,956	1,917	2,010	2,117	r 1,925	1,992	3.4	-12.0
	S. adj.	"	1,944	1,887	1,785	1,749	1,820	1,986	1,778	r 1,828	1,718	-6.0	-17.8
	Trend	"	1,944	1,889	1,850	1,830	1,827	1,829	1,824	1,810	1,797	-0.8	-10.6
M17. Wool woven fabric	Orig.	'000 sq m	764	875	700	930	650	521	738	586	638	8.9	-16.9
	S. adj.	"	696	742	763	810	710	555	660	604	584	-3.3	-21.6
	Trend	"	713	734	742	730	700	664	629	601	578	-3.8	-17.3
M18. Textile floor coverings	Orig.	"	4,286	4,105	3,040	3,865	3,663	4,037	r 3,972	r 3,656	4,057	11.0	-11.7
	S. adj.	"	4,284	3,899	3,539	3,497	3,576	4,144	r 3,448	r 3,345	3,732	11.6	-13.5
	Trend	"	4,073	3,929	3,794	3,694	3,638	3,623	3,616	3,606	3,605	0.0	-11.7
M19. Footwear excluding sports footwear	Orig. r	'000 pairs	1,261	1,416	1,040	1,278	1,207	1,206	1,497	1,445	1,430	-1.0	-1.8
	S. adj. r	"	1,225	1,192	1,063	1,157	1,205	1,228	1,366	1,388	1,326	-4.5	-3.3
	Trend r	"	1,203	1,165	1,151	1,166	1,205	1,255	1,302	1,343	1,378	2.6	0.2
M20. Sports footwear	Orig.	"	26	34	24	27	25	25	24	24	17	-30.0	-20.5
	S. adj.	"	23	27	24	24	27	26	19	21	18	-13.8	-21.9
	Trend	"	23	24	25	25	25	24	22	21	20	-5.0	-26.3
M21. Newsprint	Orig.	tonnes	39,472	37,384	37,217	41,128	36,245	35,192	39,758	33,033	36,142	9.4	16.8
	S. adj.	"	40,313	36,727	36,363	38,687	39,215	35,408	40,664	34,990	35,720	2.1	11.5
	Trend	"	36,728	37,538	38,008	38,119	37,947	37,660	37,316	36,924	36,441	-1.3	12.1
M22. Wood pulp	Orig.	"	84,932	96,090	85,549	86,014	95,072	77,150	85,922	89,979	75,865	-15.7	6.0
	S. adj.	"	89,795	92,527	88,503	89,405	91,848	77,892	85,410	86,705	80,534	-7.1	10.1
	Trend	"	85,666	88,588	89,824	89,241	87,540	85,728	84,336	83,215	82,475	-0.9	6.4
M23. Unlaminated particle board	Orig.	'000 cu m	71	81	66	69	71	62	74	72	69	-3.7	-4.4
	S. adj.	"	76	68	73	60	72	65	60	69	64	-7.8	-7.4
	Trend	"	74	74	73	71	69	67	66	65	64	-1.8	-8.8
M24. Paper	Orig.	'000 tonnes	145	174	146	150	169	144	148	n.p.	n.p.	2.7	2.7
	S. adj.	"	161	162	147	163	160	133	151	n.p.	n.p.	13.6	6.6
	Trend	"	159	159	158	155	152	149	147	n.p.	n.p.	-1.6	5.4
M25. Paperboard containers	Orig.	tonnes	82,945	91,964	70,919	96,273	87,355	87,375	99,527	93,981	99,183	5.5	4.7
	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.
M26. Automotive gasoline(d)	Orig.	megalitres	1,428	1,442	1,496	1,528	1,447	1,671	1,446	1,453	n.y.a.	0.5	1.3
	S. adj.	"	1,502	1,438	1,569	1,480	1,432	1,587	1,389	1,472	n.y.a.	5.9	1.4
	Trend	"	1,490	1,491	1,492	1,492	1,489	1,481	1,471	1,464	n.y.a.	-0.5	-2.0
M27. Fuel oil(d)	Orig.	"	183	274	209	208	204	234	178	232	n.y.a.	30.3	7.3
	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	"	214	221	222	219	214	209	204	200	n.y.a.	-2.0	7.2
M28. Aviation turbine fuel(d)	Orig.	"	359	368	366	385	355	377	417	403	n.y.a.	-3.4	7.9
	S. adj.	"	378	390	388	394	394	388	391	411	n.y.a.	5.1	12.6
	Trend	"	370	379	386	391	393	395	397	399	n.y.a.	0.5	11.1

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, OCTOBER 1995 —continued

No. Item	Series (a)	Unit	1995										Percentage changes between latest month shown and-	
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	prev. month	same month prev. year	
M29. Automotive diesel oil(d)	Orig.	megalitres	894	924	966	979	947	1,047	977	945	n.y.a.	-3.3	2.9	
	S. adj.	"	945	942	995	958	988	1,043	972	966	n.y.a.	-0.6	2.8	
	Trend	"	931	949	968	982	990	993	992	990	n.y.a.	-0.2	3.9	
M30. Plastics in primary forms	Orig.	'000 tonnes	99	113	99	100	104	116	110	104	108	3.7	-1.4	
	S. adj.	"	104	107	106	96	112	112	104	101	97	-4.0	-3.4	
	Trend	"	105	105	106	106	106	106	105	103	101	-1.6	0.3	
M31. Rigid PVC tubes, pipes and hoses	Orig.	tonnes	8,233	8,949	5,563	9,428	9,370	7,521	7,520	6,612	6,940	5.0	3.0	
	S. adj.	"	7,774	8,305	7,248	7,980	8,862	6,301	6,868	7,029	6,958	-1.0	3.5	
	Trend	"	8,042	8,075	7,969	7,785	7,566	7,337	7,118	6,927	6,819	-1.5	-9.9	
M32. Polyethylene bottles up to two litres	Orig.	million	108	110	96	107	93	97	112	123	125	1.6	n.a.	
	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	15,771	17,954	14,319	15,365	17,898	14,768	14,345	r 16,001	14,163	-11.5	-20.6	
	S. adj.	"	16,175	15,852	15,917	15,046	17,977	15,197	15,090	r 14,585	13,252	-9.1	-20.4	
	Trend	"	16,839	16,560	16,306	16,069	15,839	15,560	15,126	14,614	14,111	-3.4	-16.9	
M34. Superphosphates	Orig.	'000 tonnes	140	160	147	101	69	59	66	r 55	66	20.3	-1.1	
	S. adj.	"	102	106	123	97	92	103	109	r 107	96	-9.6	-3.1	
	Trend	"	111	107	104	103	103	102	102	102	101	-0.6	-10.9	
M35. Portland cement	Orig.	"	552	619	538	583	582	568	586	578	554	-4.2	-9.8	
	S. adj.	"	604	603	579	548	560	539	537	588	532	-9.4	-9.2	
	Trend	"	600	593	580	566	556	551	549	548	549	0.1	-9.0	
M36. Clay bricks	Orig.	million	150	161	136	166	155	140	141	r 138	149	7.7	-7.1	
	S. adj.	"	156	146	151	147	147	140	r 126	r 135	141	4.5	-11.1	
	Trend	"	158	155	150	146	142	139	137	135	134	-1.0	-16.3	
M37. Ready mixed concrete	Orig.	'000 cu m	1,218	1,425	1,132	1,316	1,291	r 1,274	r 1,386	r 1,289	1,278	-0.9	-9.1	
	S. adj.	"	1,301	1,310	1,277	1,185	1,241	r 1,286	r 1,265	r 1,265	1,198	-5.3	-10.9	
	Trend	"	1,299	1,280	1,265	1,255	1,251	1,250	1,249	1,246	1,243	-0.2	-9.0	
M38. Basic iron, spiegeleisen and sponge iron(e)	Orig.	'000 tonnes	563	634	605	619	595	625	657	629	640	1.7	-0.6	
	S. adj.	"	636	647	624	622	600	601	638	606	604	-0.2	-0.9	
	Trend	"	631	631	628	622	616	613	611	610	610	0.0	-0.3	
M39. Blooms and slabs of iron or steel(e)	Orig.	"	601	626	638	635	629	658	693	677	690	1.9	-1.1	
	S. adj.	"	658	640	666	656	647	644	670	640	652	1.9	-1.1	
	Trend	"	651	653	654	654	653	652	652	651	650	-0.2	0.8	
M40. Insulated wire	Orig.	tonnes	6,359	6,506	4,595	6,720	5,293	5,707	5,957	r 6,084	5,716	-6.0	-19.3	
	S. adj.	"	6,379	5,810	4,664	6,136	5,562	5,176	5,766	r 5,575	5,017	-10.0	-19.7	
	Trend	"	6,089	5,857	5,664	5,546	5,499	5,490	5,467	5,423	5,390	-0.6	-12.2	
M41. Cars and station wagons	Orig.	number	24,203	26,690	16,308	29,585	28,157	27,217	31,101	26,800	24,523	-8.5	-15.6	
	S. adj.	"	24,414	23,293	19,847	25,225	26,711	25,947	26,078	25,113	22,429	-10.7	-18.2	
	Trend	"	23,331	23,025	23,435	24,251	25,020	25,409	25,418	25,164	24,815	-1.4	-6.5	
M42. Vehicles for goods and materials	Orig.	"	2,386	2,899	1,503	2,579	2,401	2,291	2,498	2,049	1,999	-2.4	-18.4	
	S. adj.	"	2,497	2,461	1,744	2,202	2,188	2,277	2,116	1,992	1,691	-15.1	-20.5	
	Trend	"	2,384	2,305	2,231	2,176	2,141	2,110	2,062	1,994	1,942	-2.6	-14.4	

For footnotes see end of tables.

TABLE 1. PRODUCTION STATISTICS, AUSTRALIA, OCTOBER 1995 —continued

No. Item	Series (a)	Unit	1995										Percentage changes between latest month shown and—	
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	prev. month	same month prev. year	
M43. Telephones	Orig.	'000	170	155	81	126	135	116	109	135	193	42.9	81.2	
	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	34,436	42,025	23,471	37,336	32,064	31,596	36,404	36,317	39,325	8.3	7.6	
	S. adj.	"	33,471	34,344	28,691	35,240	35,835	37,440	36,215	41,454	35,117	-15.3	4.1	
	Trend	"	33,215	32,884	33,178	34,061	35,306	36,488	37,393	37,992	38,493	1.3	13.0	
M45. Water heaters	Orig.	"	56,041	66,448	39,302	70,875	55,795	54,551	57,447	r 56,440	54,924	-2.7	-0.1	
	S. adj.	"	56,973	57,761	53,242	61,448	50,039	54,763	49,093	r 51,712	48,736	-5.8	-8.2	
	Trend	"	56,320	56,374	56,102	55,421	54,273	52,830	51,478	50,315	49,459	-1.7	-5.0	
M46. Domestic clothes washing machines	Orig.	"	23,091	27,426	20,149	26,159	26,023	27,643	36,352	31,625	27,083	-14.4	3.1	
	S. adj.	"	24,266	24,262	22,918	25,363	25,214	25,811	27,875	28,208	26,524	-6.0	-1.1	
	Trend	"	24,885	24,417	24,362	24,736	25,413	26,201	26,867	27,364	27,746	1.4	5.7	
M47. Electric motors	Orig.	'000	264	329	206	275	278	243	284	255	225	-11.9	-17.0	
	S. adj.	"	259	278	243	253	264	258	275	229	203	-11.7	-19.8	
	Trend	"	246	252	258	262	261	255	248	239	231	-3.4	-8.6	
M48. Electricity	Orig.	mil k Wh	12,776	13,812	13,032	14,268	14,473	15,359	14,655	r 13,746	13,714	-0.2	1.8	
	S. adj.	"	13,816	13,743	13,942	13,837	13,843	14,232	13,536	r 13,866	13,916	0.4	1.8	
	Trend	"	13,863	13,871	13,876	13,880	13,884	13,882	13,871	13,860	13,845	-0.1	0.9	
M49. Gas	Orig.	terajoules	41,471	46,287	49,013	56,624	60,928	r 66,602	r 60,054	53,876	53,668	-0.4	0.8	
	S. adj.	"	51,373	51,412	54,478	52,572	51,124	r 54,935	r 48,366	49,154	53,433	8.7	0.1	
	Trend	"	51,367	52,013	52,545	52,640	52,238	51,713	51,295	51,018	50,792	-0.4	-2.0	

TABLE 2. PRODUCTION STATISTICS, AUSTRALIA, SEPTEMBER QUARTER 1995

No.	Item	Series (a)	Unit	1993			1994			1995			Percentage changes between latest quarter shown and-	
				Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	prev. quarter	same quarter prev. year
Q1.	Men's and boys' long trousers	Orig.	'000	968	880	753	1,040	1,031	979	811	r 936	993	6.1	-3.7
		S. adj.	"	941	897	873	921	1,004	997	942	r 828	968	16.8	-3.6
		Trend	"	941	899	891	932	983	978	933	903	904	0.0	-8.1
Q2.	Women's and girls' long trousers	Orig.	"	352	278	461	188	407	380	628	443	252	-43.1	-38.0
		S. adj.	"	349	328	403	187	405	450	545	442	252	-43.1	-37.8
		Trend	"	361	327	314	334	397	476	484	420	356	-15.1	-10.1
Q3.	Jeans	Orig.	"	1,113	891	709	945	941	770	641	887	979	10.3	3.9
		S. adj.	"	991	938	852	864	837	810	772	811	870	7.2	3.9
		Trend	"	999	922	879	852	830	804	796	815	846	3.9	2.0
Q4.	Men's and boys' shirts	Orig.	"	3,696	3,246	2,623	2,867	3,545	2,900	2,347	r 2,564	2,827	10.2	-20.3
		S. adj.	"	3,064	2,946	3,280	3,208	2,940	2,642	2,916	r 2,872	2,345	-18.4	-20.2
		Trend	"	3,107	3,086	3,157	3,127	2,953	2,837	2,802	2,718	2,567	-5.5	-13.1
Q5.	Women's shirts and blouses	Orig.	"	1,230	1,563	1,218	812	1,787	1,218	806	r 864	1,202	39.1	-32.8
		S. adj.	"	915	1,419	1,506	1,092	1,326	1,107	998	r 1,163	891	-23.4	-32.8
		Trend	"	1,122	1,357	1,341	1,304	1,189	1,131	1,086	1,024	999	-2.4	-16.0
Q6.	Undressed sawn timber(d)	Orig.	'000 cu m	853	847	827	905	936	887	845	889	n.y.a.	5.2	-1.8
		S. adj.	"	821	846	889	880	899	888	907	865	n.y.a.	-4.7	-1.7
		Trend	"	825	853	875	888	895	895	890	880	n.y.a.	-1.1	-0.9
Q7.	Hardwood woodchips	Orig.	'000 tonnes	1,270	1,088	1,026	1,228	1,286	1,417	1,402	1,332	1,334	0.1	3.7
		S. adj.	"	1,214	1,094	1,108	1,188	1,228	1,428	1,512	1,288	1,273	-1.2	3.7
		Trend	"	1,166	1,132	1,118	1,164	1,289	1,400	1,419	1,362	1,297	-4.7	0.7
Q8.	Alumina(d)	Orig.	"	3,225	3,154	3,172	3,209	3,215	3,196	3,203	3,299	n.y.a.	3.0	2.8
		S. adj.	"	3,189	3,139	3,205	3,225	3,181	3,185	3,231	3,314	n.y.a.	2.6	2.8
		Trend	"	3,165	3,176	3,194	3,200	3,194	3,201	3,238	3,286	n.y.a.	1.5	2.7
Q9.	Zinc(d)	Orig.	"	73	79	82	81	82	78	72	81	n.y.a.	12.5	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	79	81	82	80	78	77	77	n.y.a.	-0.4	-6.5
Q10.	Silver(d)	Orig.	tonnes	88	95	91	104	88	79	93	89	n.y.a.	-4.3	-14.4
		S. adj.	"	89	97	98	95	88	81	99	81	n.y.a.	-18.0	-14.0
		Trend	"	90	95	97	93	89	88	88	88	n.y.a.	-0.6	-5.8
Q11.	Copper(d)	Orig.	'000 tonnes	84	79	81	87	86	64	53	52	n.y.a.	-1.9	-40.2
		S. adj.	"	77	77	88	90	79	63	58	54	n.y.a.	-7.1	-40.2
		Trend	"	77	81	86	86	78	67	58	52	n.y.a.	-9.8	-39.6
Q12.	Lead(d)	Orig.	"	51	61	55	53	49	55	53	49	n.y.a.	-7.5	-7.5
		S. adj.	"	49	59	66	48	48	54	63	44	n.y.a.	-30.1	-7.6
		Trend	"	55	58	58	53	51	53	55	52	n.y.a.	-4.2	-1.4
Q13.	Tin(d)	Orig.	tonnes	13	63	18	92	70	135	175	65	n.y.a.	-62.9	-29.3
		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	"	32	23	31	58	107	142	136	112	n.y.a.	-18.2	92.5
Q14.	Gold(d)	Orig.	"	80	74	75	79	78	71	74	74	n.y.a.	-0.5	-6.5
		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	"	76	77	77	76	76	75	74	74	n.y.a.	-0.1	-3.5

(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.

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

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'.

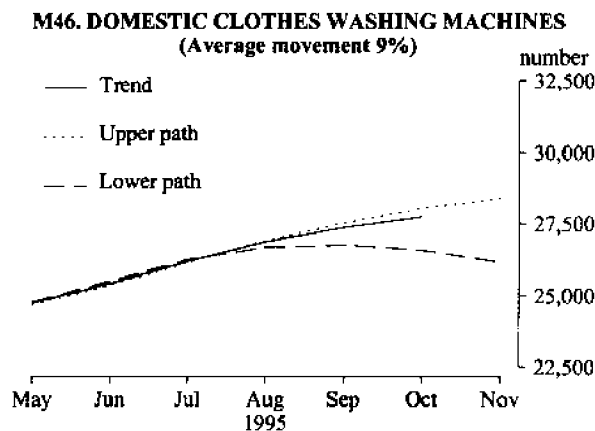
Readers should exercise care when interpreting the latest month's trend estimates because they will be revised when the next month's seasonally adjusted estimates become available. For further information, see Explanatory Notes 12 and 13.

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

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

Lower path The November seasonally adjusted estimate of the production of domestic clothes washing machines is lower than the October 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:

Livestock Products, Australia (7215.0) issued monthly

Mining Industry, Australia (8402.0) issued annually

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

Manufacturing Industry, Australia (8221.0) issued annually

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

Quarterly Indexes of Industrial Production, Australia (8125.0)

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

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:

- refrigerators
- freezers
- water heaters
- clothes dryers
- cooking stoves, ovens and ranges
- colour television sets
- space heaters
- lawn mowers
- domestic air conditioners
- audio cassettes
- audio compact discs
- water meters
- brass bars, rods and sections
- polyethylene
- rubber strip
- paint
- electricity
- semi-trailers
- mineral and aerated waters
- wheat starch and glucose
- beer
- ham and bacon and canned meat
- ready mixed concrete
- concrete blocks and bricks
- 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 John Ridley 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.y.a. not yet available
- r figure or series revised since previous issue
- n.a. not available
- n.p. not publishable



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 at all ABS Offices (see below for contact details).

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Electronic Services

A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about these electronic data services contact any ABS Office (see below) or e-mail us at:

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