

C-S.
338-405

ALLS.
H

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA, AUSTRALIA

PRODUCTION SUMMARY NO. 52 : ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS (a)-NOVEMBER 1970

The figures for 1967-68 are those recorded in the Annual Factory Census. All subsequent figures are derived from the recorded monthly production and are subject to revision.

TABLE 1. - ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS FOR TRANSMISSION AND DISTRIBUTION OF POWER (NUMBER)

Period	Code No.	Over 1 kVA up to and including 50 kVA		Over 50 kVA up to and including 500 kVA	Over 500 kVA up to and including 1,000 kVA	Over 1,000 kVA up to and including 10,000 kVA	Over 10,000 kVA	Total
		Single phase	Three phase					
		683.03	683.04	683.05	683.07	683.09	683.11	
1967-68		8,017	2,782	4,302	455	224	112	15,892
1968-69		7,708	3,026	4,638	506	226	96	16,200
1969-70		7,348	2,986	4,994	555	298	104	16,285
Months : 1969	October	434	392	389	38	12	10	1,275
	November	753	305	389	51	33	10	1,541
	December	549	194	392	41	32	8	1,216
1970	January	308	130	363	16	20	5	842
	February	651	215	448	34	24	6	1,378
	March	565	190	383	49	35	7	1,229
	April	726	144	442	57	20	17	1,406
	May	721	219	362	63	29	13	1,407
	June	865	250	435	56	16	12	1,634
	July	809	207	342	130	21	12	1,521
	August	383	245	436	65	30	13	1,172
	September	775	149	338	58	16	12	1,348
	October	786	247	406	101	18	18	1,576
	November	489	232	474	79	36	16	1,326
5 months ended November 1970		3,242	1,080	1,996	433	121	71	6,943
5 months ended November 1969		2,963	1,644	2,169	239	122	36	7,173

(a) Includes those made for incorporation by manufacturers in own products. Excludes audio, input, R.F., and higher frequencies types and automotive coils. Dual rating transformers are classified according to the maximum capacity at which they can operate as constructed at the time of manufacture.



**TABLE 2. - ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS FOR TRANSMISSION
AND DISTRIBUTION OF POWER - (TOTAL kVA)**

Period	Code No.	Over 1 kVA up to and including 50 kVA		Over 50 kVA up to and including 500 kVA	Over 500 kVA up to and including 1,000 kVA	Over 1,000 kVA up to and including 10,000 kVA	Over 10,000 kVA	Total
		Single phase	Three phase					
		683.53	683.54	683.55	683.57	683.59	683.61	
1967-68 (a)		79,178	88,354	987,425	403,225	773,780	3,393,500	5,725,462
1968-69 (a)		79,185	90,526	1,116,137	453,125	750,395	2,615,000	5,104,368
1969-70 (a)		81,502	97,873	1,221,255	475,760	980,070	3,207,830	6,064,290
Months : 1969 October		5,131	13,247	89,690	32,460	39,000	516,000	695,528
November		7,401	10,163	95,700	40,100	117,500	368,500	639,364
December		5,854	7,215	95,225	36,500	89,950	181,500	416,244
1970 January		2,909	3,469	88,010	12,500	40,000	184,000	330,888
February		6,798	7,317	118,495	25,200	86,000	135,500	379,310
March		6,637	7,171	96,650	40,750	116,900	144,000	412,108
April		9,897	4,628	110,175	47,850	53,500	359,000	585,050
May		7,925	6,911	86,530	61,200	105,100	325,830	593,496
June		9,904	9,643	114,305	51,050	36,570	279,500	500,972
July		9,150	5,697	79,876	91,550	52,260	333,500	572,033
August		4,511	7,923	115,380	51,100	73,250	382,500	634,664
September		7,872	7,502	82,310	48,375	40,300	278,000	464,359
October		8,921	8,102	108,975	75,635	59,300	559,500	820,433
November		4,388	8,377	127,575	67,570	133,950	488,000	829,860
5 months ended November 1970		34,642	37,601	514,116	334,230	359,060	2,041,500	3,321,349
5 months ended November 1969		31,578	51,519	511,865	200,710	452,050	1,598,500	2,846,222

(a) Figures are derived from monthly returns and are not collected on an annual basis.

TABLE 3. - ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS FOR OTHER PURPOSES
(Number)

Period	Code No.	For fluorescent and neon lighting and signs - Hot cathode				For radio receivers, record players, etc.	For television receivers	For electrical welding equipment	For other purposes	
		Under 40 watts	40 watts (a)	Over 40 watts (b)	Total				Up to and including 1 kVA	Over 1 kVA
1967-68	683.13	683.16	683.18		649.51	649.55	683.31	683.41	683.43,45	
1968-69	624,703	1,912,506	194,384	2,731,593	443,693	357,845	16,202	535,777	8,594	
1969-70	493,282	2,098,800	191,015	2,783,097	418,295	384,700	18,854	546,797	7,365	
	605,492	2,530,874	252,404	3,388,770	524,575	411,604	22,802	538,155	7,525	
Months : 1969 October	53,286	244,862	13,618	311,766	42,032	37,632	1,884	58,620	743	
November	45,402	223,958	30,411	299,771	51,029	30,855	1,821	54,596	584	
December	45,204	206,611	21,145	272,960	50,679	29,014	2,167	38,535	504	
1970 January	21,659	112,371	9,388	143,418	22,745	14,404	1,042	17,596	444	
February	65,283	226,725	17,364	309,372	50,326	23,580	1,753	42,367	557	
March	70,023	224,847	20,839	315,709	40,395	34,780	1,840	45,662	618	
April	81,930	262,724	38,997	383,651	49,266	42,460	1,444	48,571	705	
May	47,206	186,400	21,008	254,614	47,759	38,548	2,135	38,061	639	
June	44,431	186,694	17,198	248,323	34,500	34,596	2,644	34,457	797	
July	46,082	235,126	32,303	313,511	43,181	25,573	1,590	45,052	834	
August	61,479	261,241	36,418	359,138	31,275	27,726	1,603	45,325	642	
September	80,585	241,424	41,187	363,196	37,548	34,234	1,590	45,266	706	
October	56,465	230,777	46,452	333,694	37,949	33,240	1,816	55,746	783	
November	46,123	284,651	46,167	376,941	49,854	38,822	1,887	45,159	757	
5 months ended November 1970	290,734	1,253,219	202,527	1,746,480	199,807	159,595	8,486	236,548	3,722	
5 months ended November 1969	229,756	1,124,502	106,465	1,460,723	228,905	194,222	9,777	272,906	3,267	

(a) Figures up to and including June 1969 represent units in the range 40 watts and under 80 watts; (b) Figures up to and including June 1969 represent units in the range 80 watts and over.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, A.C.T. 2600
28 JANUARY 1971

J. P. O'NEILL
ACTING COMMONWEALTH STATISTICIAN

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 322 or, in each State capital, by telephoning the office of the Deputy Commonwealth Statistician.