Australian Government
Department of Infrastructure and Regional Development
Bureau of Infrastructure, Transport and Regional Economics

Drivers Licences in Australia

At a Glance

This Information Sheet presents an estimate of the number of drivers licences in Australia from 1922 to 2016. Also included are estimates of drivers licences in each Australian State and Territory from 1922 to 2016.

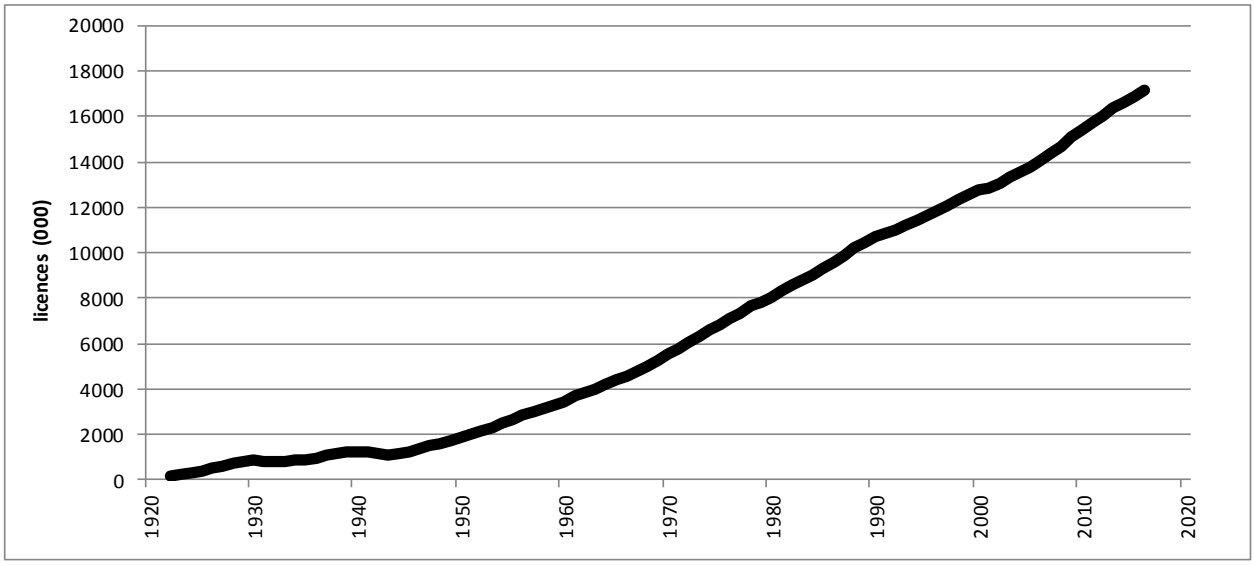
Long-term trends in licences per person, both Australia-wide and in each State/Territory, are shown to be in the form of saturating logistic curves. These are modelled, first for Australia in aggregate, and then for each State/Territory. The models allow forecasts, which are shown to be almost identical for the Australia-wide model and for the aggregation of the eight State/Territory models. The saturating curves, although very regular, hide divergent trends in licence-holding by different age groups, as Victorian licence data shows, with declines in the younger age group being balanced by increases in the older age groups.

The resulting stability of the logistic models means that State and Territory Governments, along with the Federal Government, have a good basis for projecting the number of drivers licenced to use the road systems (lacking any unforeseen disruptions to the per person licence-holding or population trends).

Australian Drivers Licences

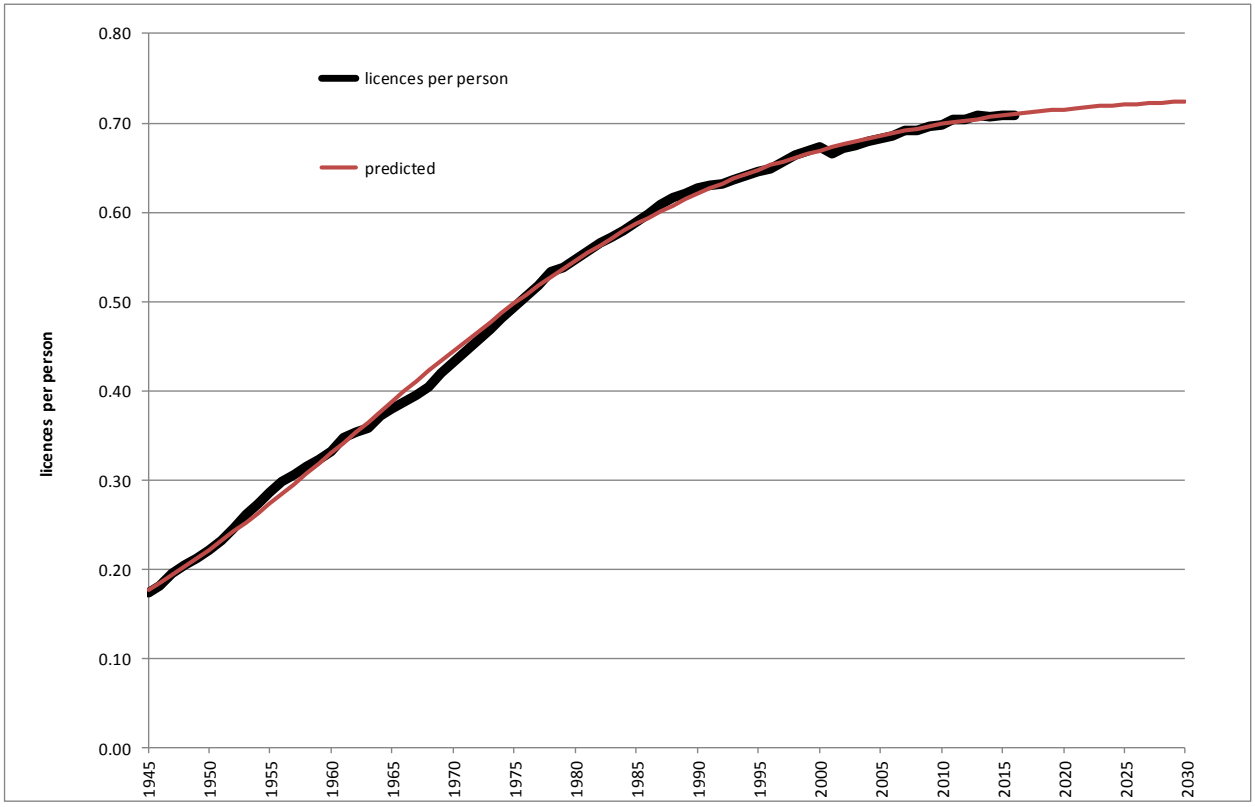
The growth in licenced drivers in Australia, after breaks due to the depression and war, has been substantial, as a result of an increase in population and a (saturating) increase in licences per head of population.

Figure 1 Australian drivers licences



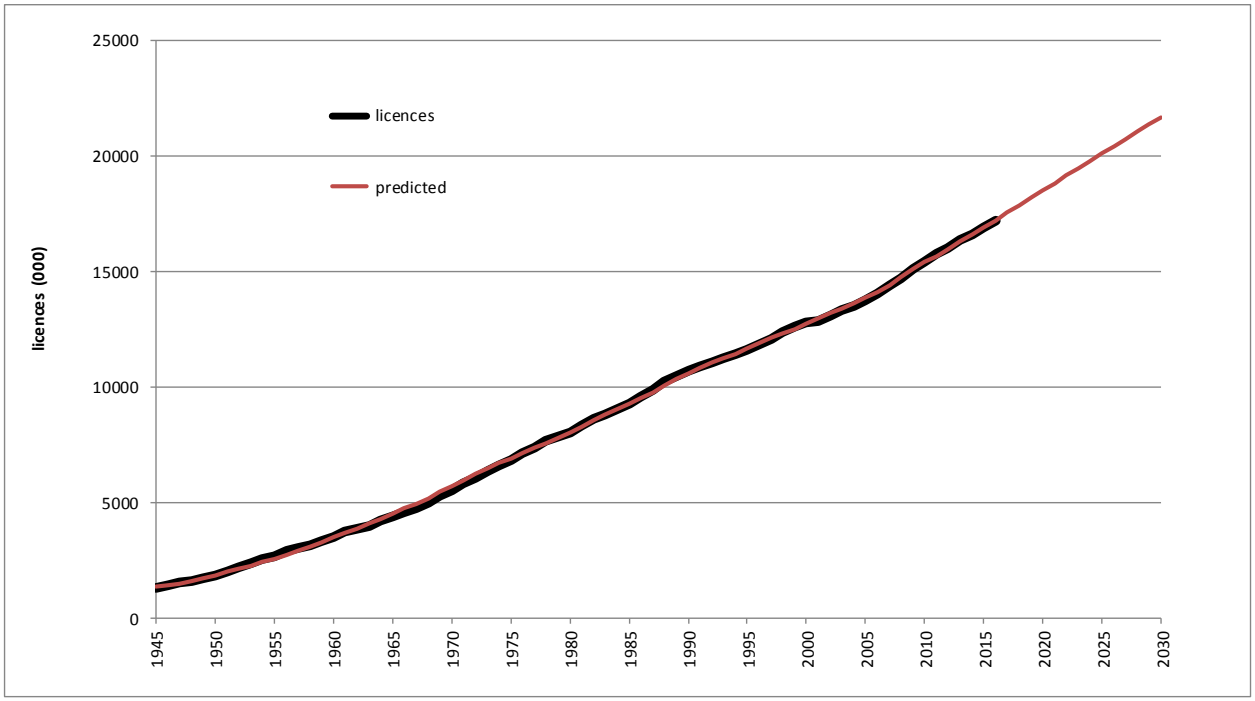
From the end of the Second World War to 2016, the growth in licences per person in Australia has followed a logistic curve, as shown in Figure 2, where a simple logistic curve, based solely on time with an estimated saturation at 0.735 licences per person, is shown overlaying the actual estimates of Australian drivers licences per person. The forecast is a direct extension of the curve.

Figure 2 Australian drivers licences per person



Combining this with ABS population forecasts, produces the forecast of Australian drivers licences shown in Figure 3.

Figure 3 Australian drivers licences and prediction

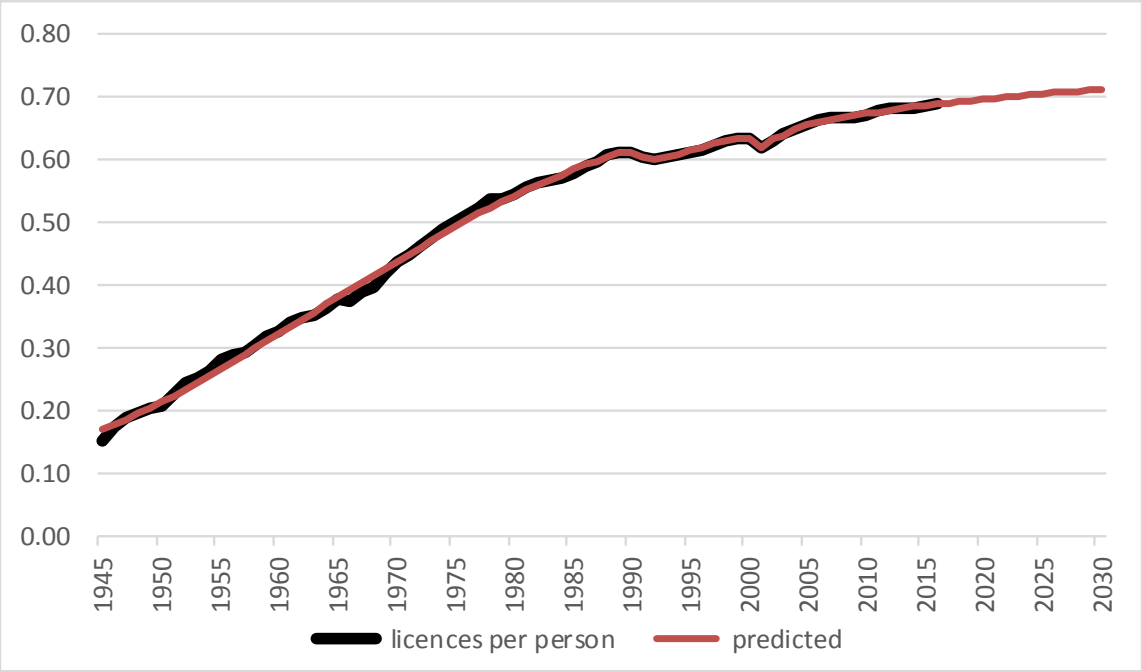


State and Territory Drivers Licences

Licence data for States and Territories can be pieced together back to 1922, although many irregularities are apparent in the raw data, together with missing years. To model this data, three steps have been undertaken: 1) irregularities have been identified, 2) irregularities and missing data have been replaced with interpolations between trusted data, and 3) logistic models of licences per person have been fit to the cleaned data. The models for each State/Territory will be presented graphically, and then the aggregation compared to the Australia-level model.

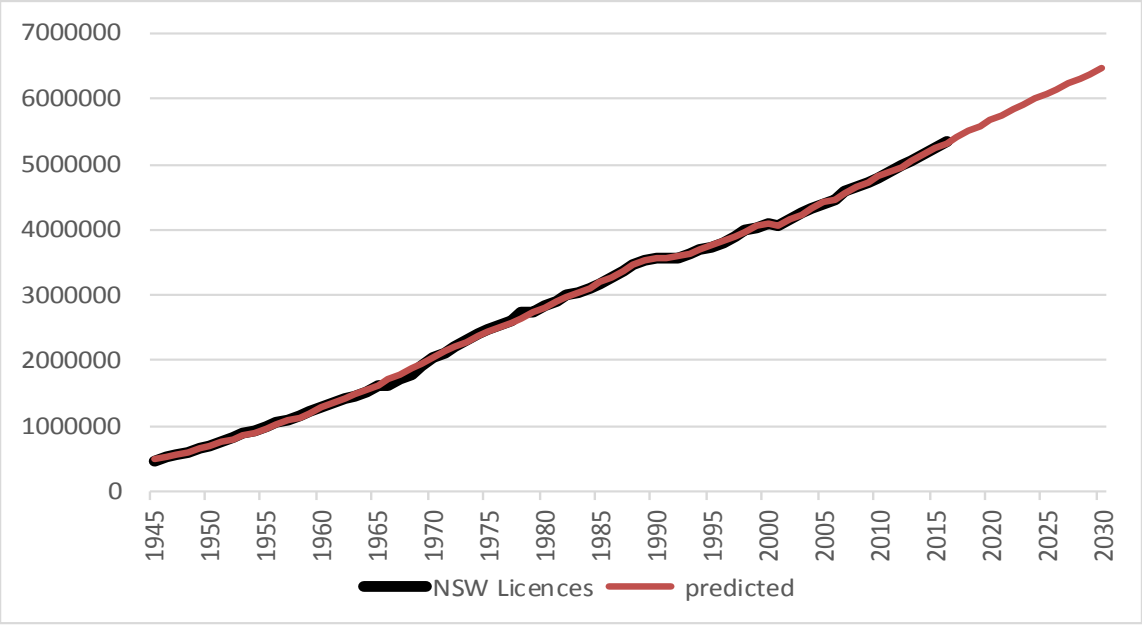
Early New South Wales data has been corrected to count multiple licence holders only once. Figure 4 shows the NSW data and a logistic curve (0.735 saturation) fit to it using two time variables and a dummy variable.

Figure 4 New South Wales licences per person



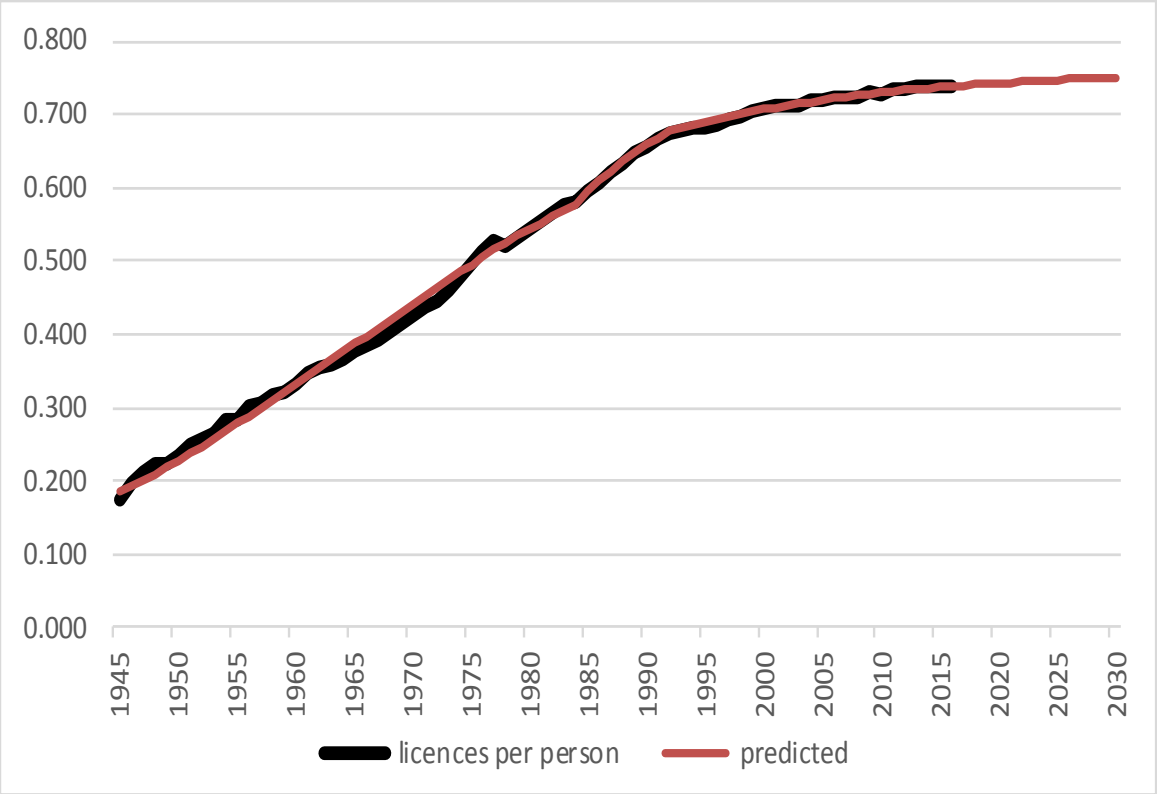
Using ABS population forecasts, NSW licence totals increase 21 per cent from 2016 to 2030.

Figure 5 New South Wales licences



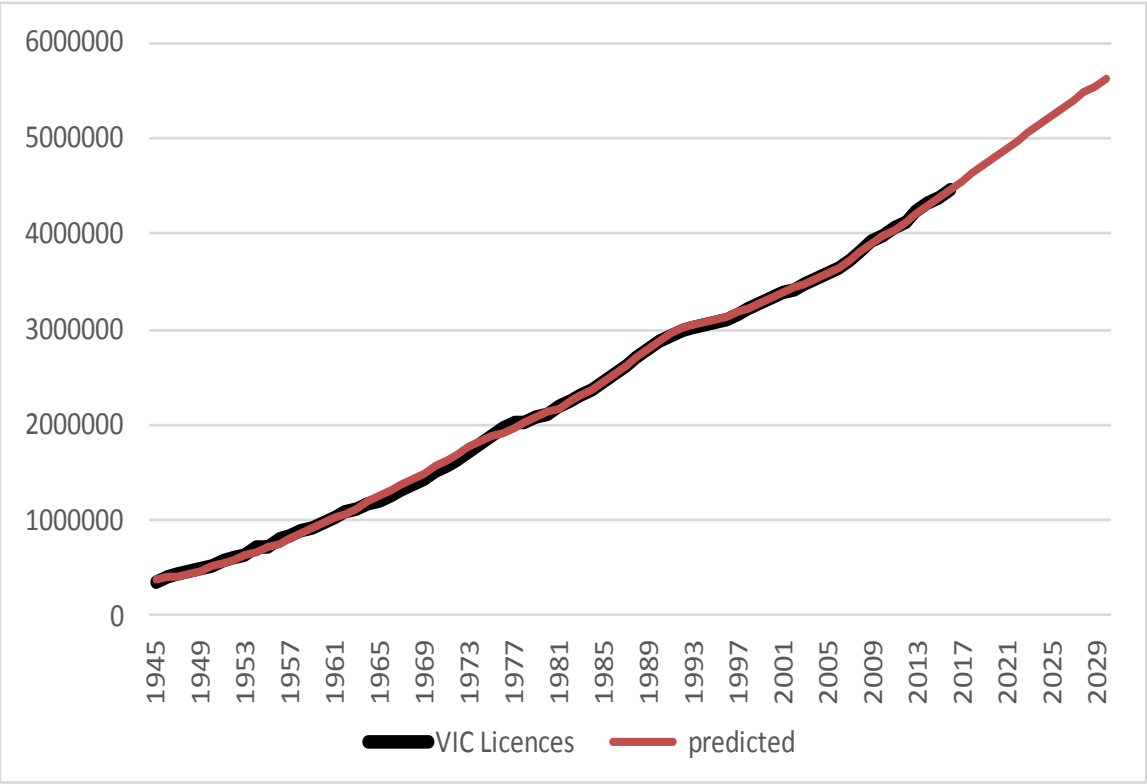
Victorian licences per person data is more regular, and was modelled with a logistic curve (0.76 saturation) and a dummy variable.

Figure 5 Victorian licences per person



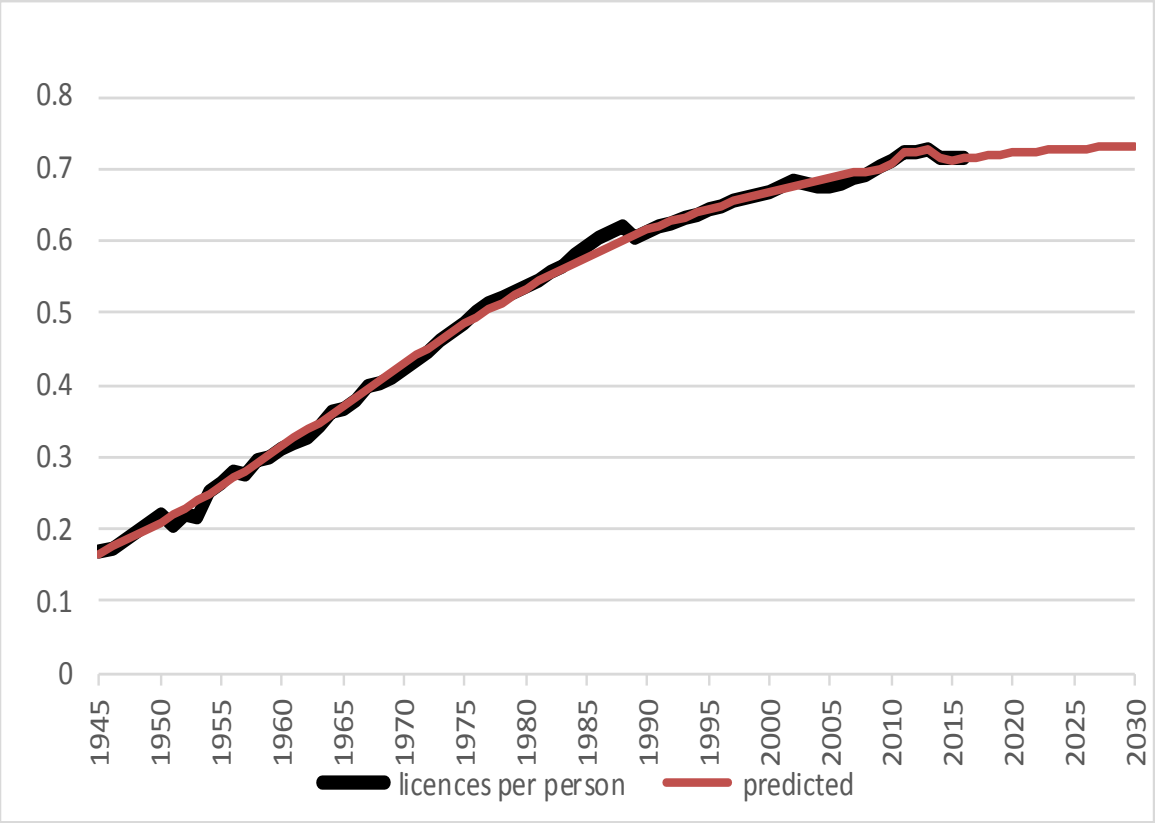
Using ABS population forecasts, Victorian licence totals increase 25 per cent from 2016 to 2030.

Figure 5 Victorian licences

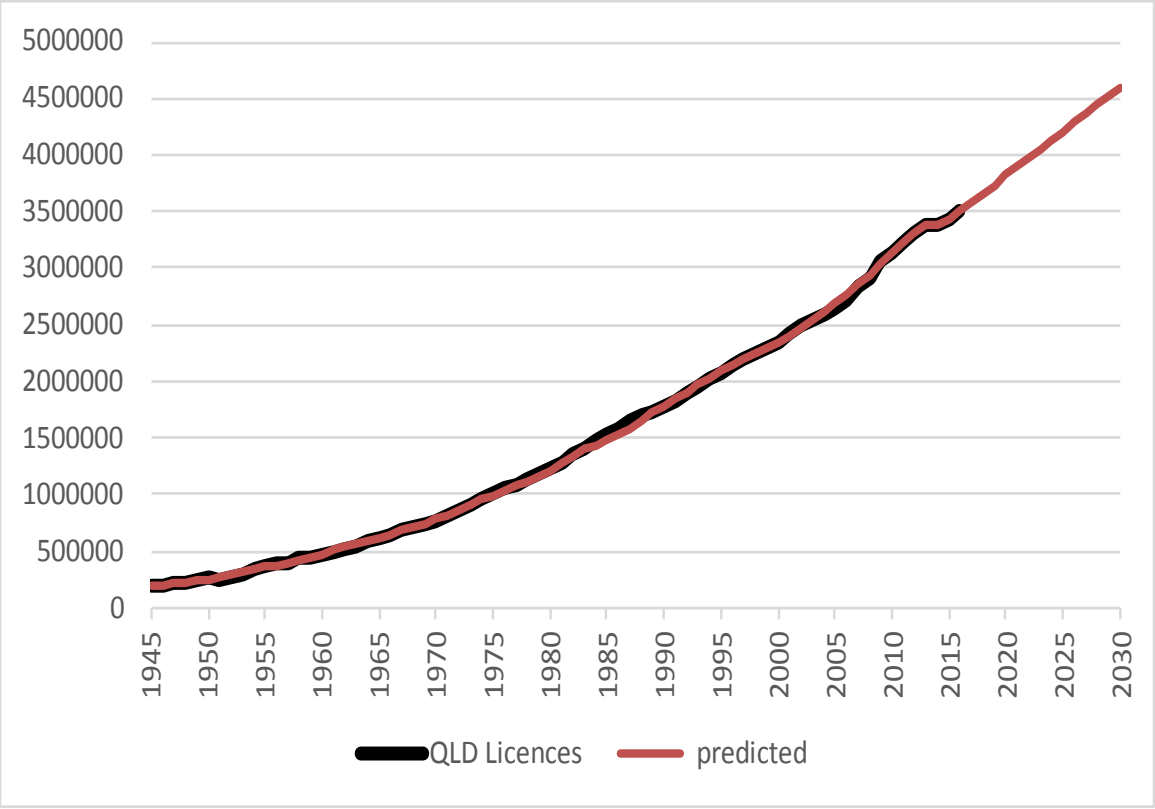


Queensland licences per person data was modelled with a logistic curve (0.745 saturation) and a dummy variable.

Figure 6 Queensland licences per person

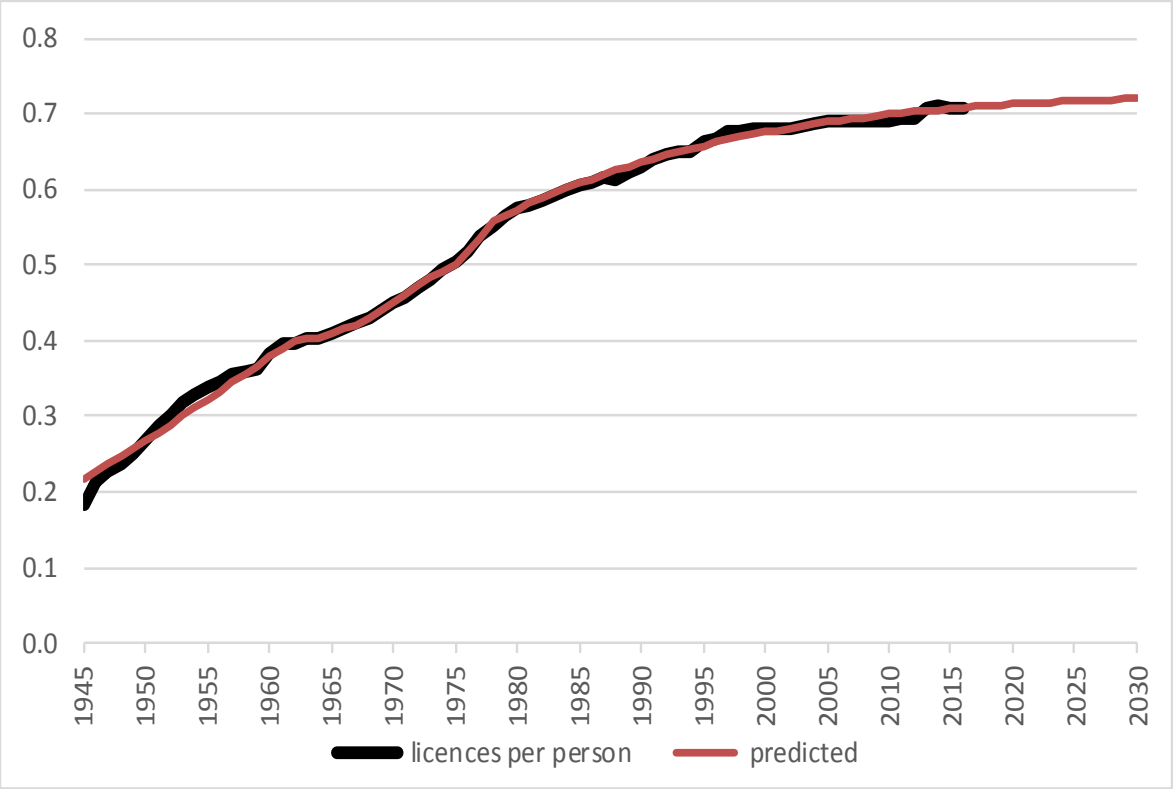


Using ABS population forecasts, Queensland licence totals increase 31 per cent from 2016 to 2030.



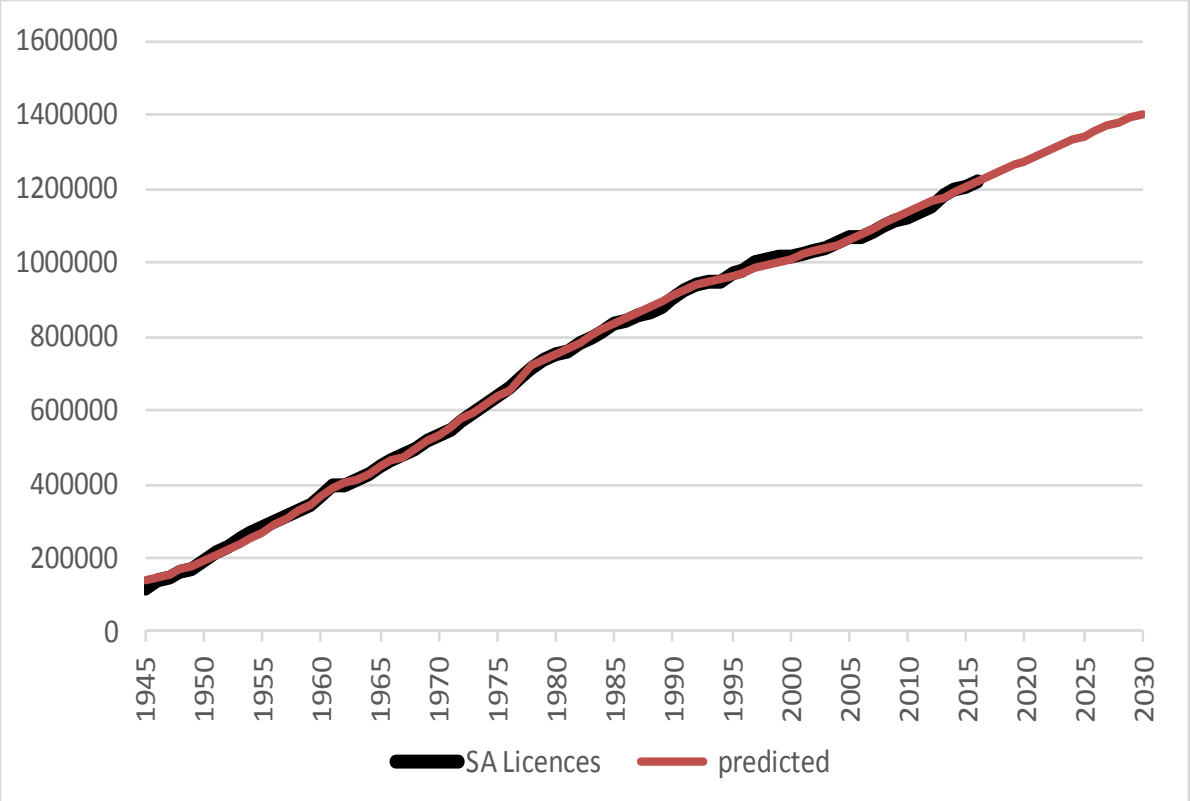
South Australian licences per person data was modelled with a logistic curve (0.73 saturation) and a dummy variable.

Figure 7 South Australian licences per person



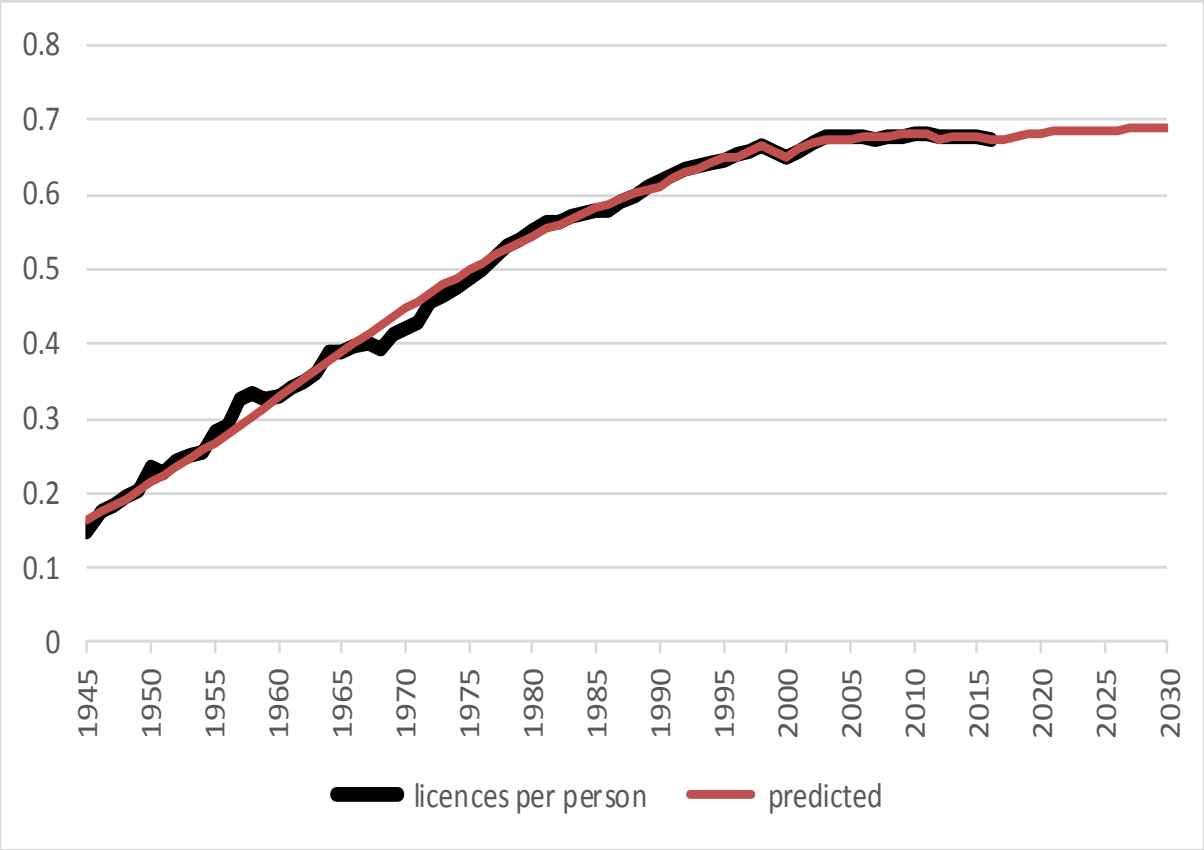
Using ABS population forecasts, South Australian licence totals increase 15 per cent from 2016 to 2030.

Figure 5 South Australian licences



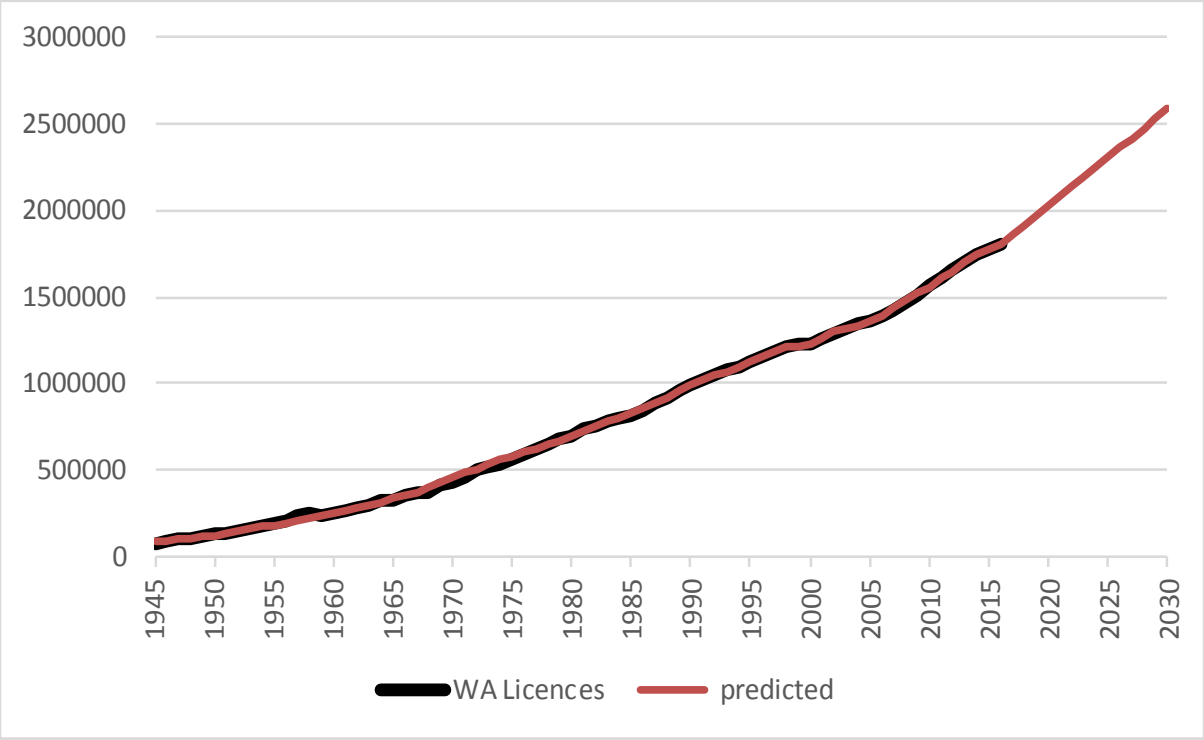
Western Australian licences per person data was modelled with a logistic curve (0.695 saturation) and three dummy variables.

Figure 8 Western Australian licences per person



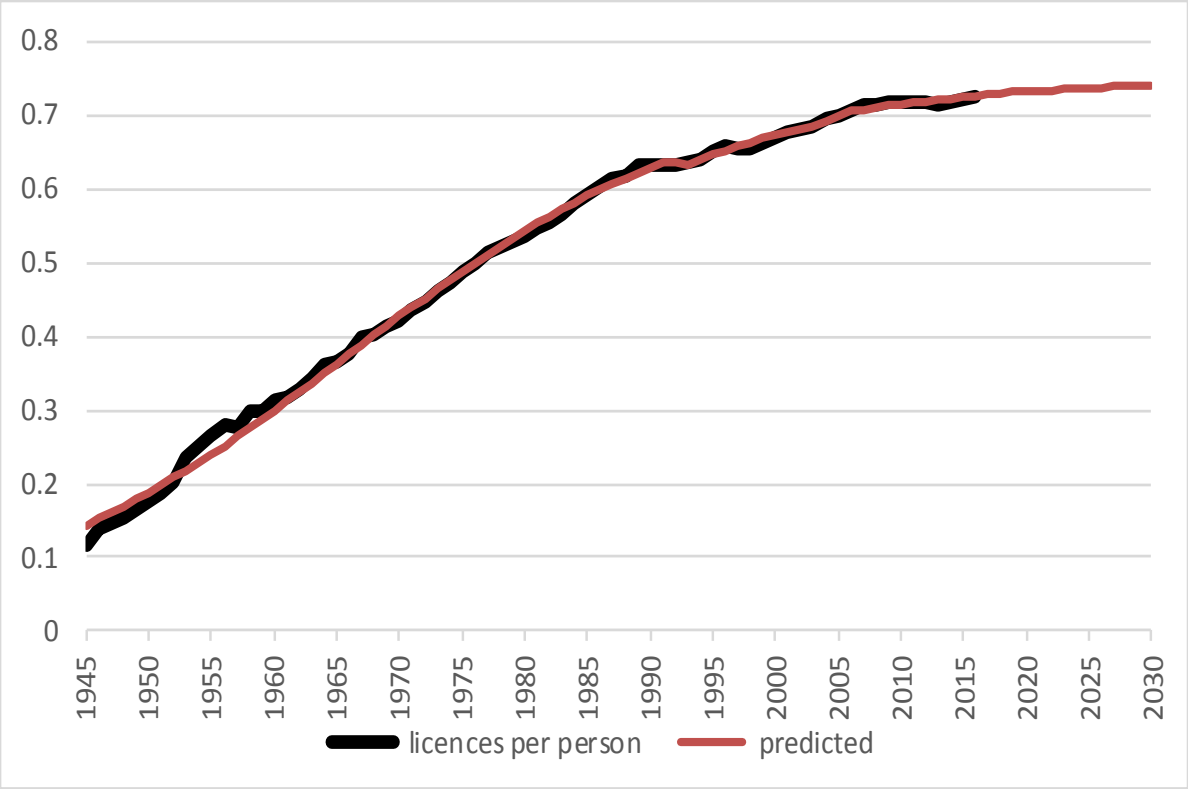
Using ABS population forecasts, Western Australian licence totals increase 42 per cent from 2016 to 2030.

Figure 5 Western Australian licences



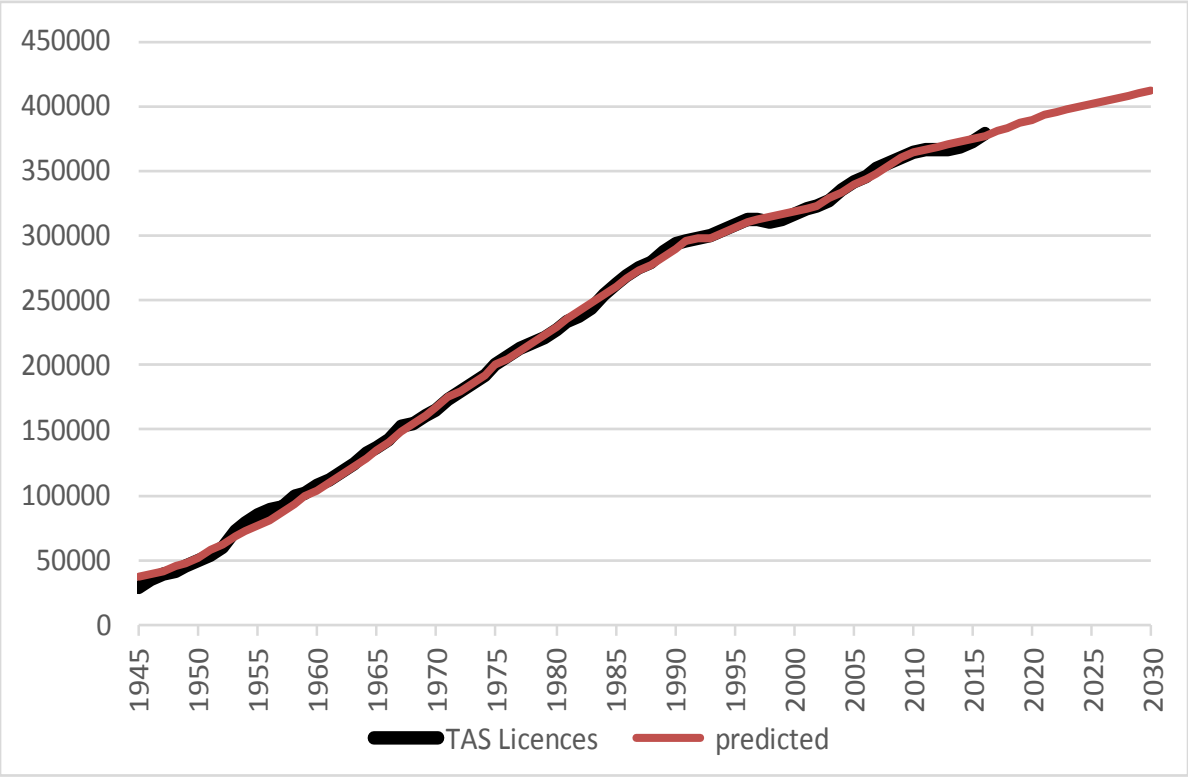
Tasmanian licences per person data was modelled with a logistic curve (0.75 saturation) and a dummy variable.

Figure 9 Tasmanian licences per person



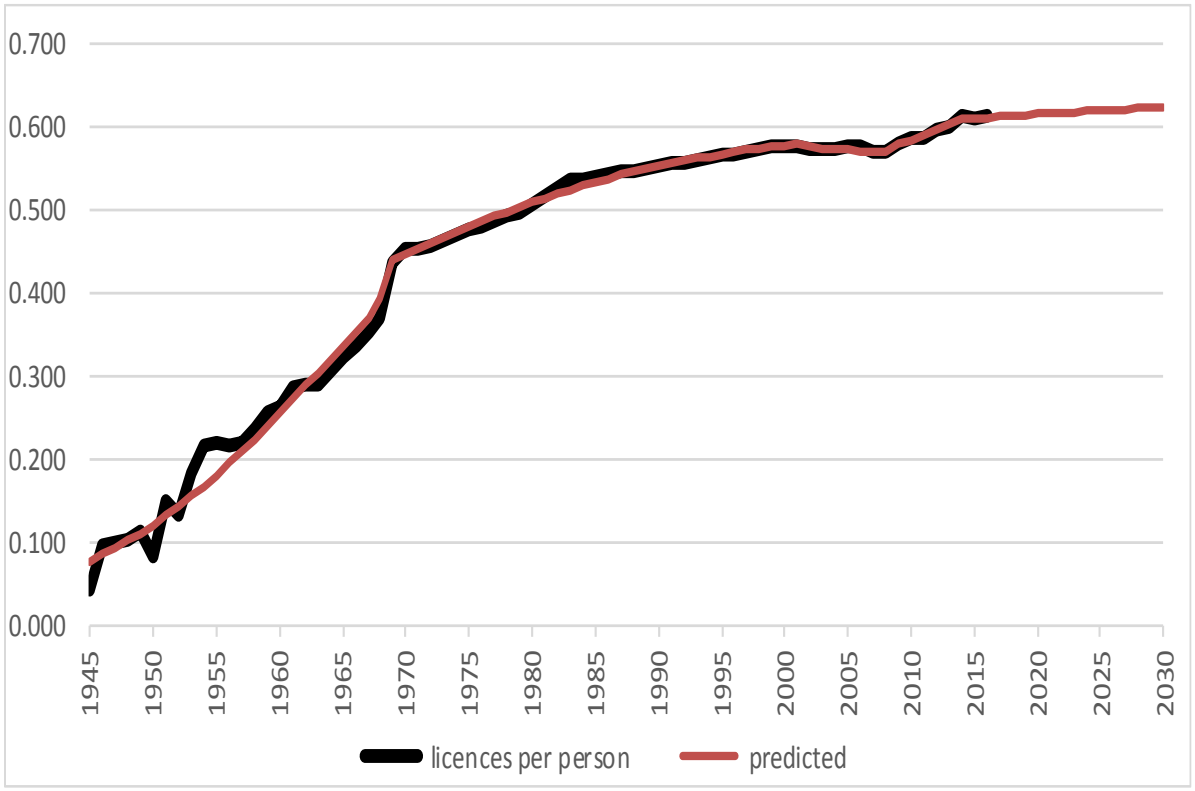
Using ABS population forecasts, Tasmanian licence totals increase 9 per cent from 2016 to 2030.

Figure 5 Tasmanian licences



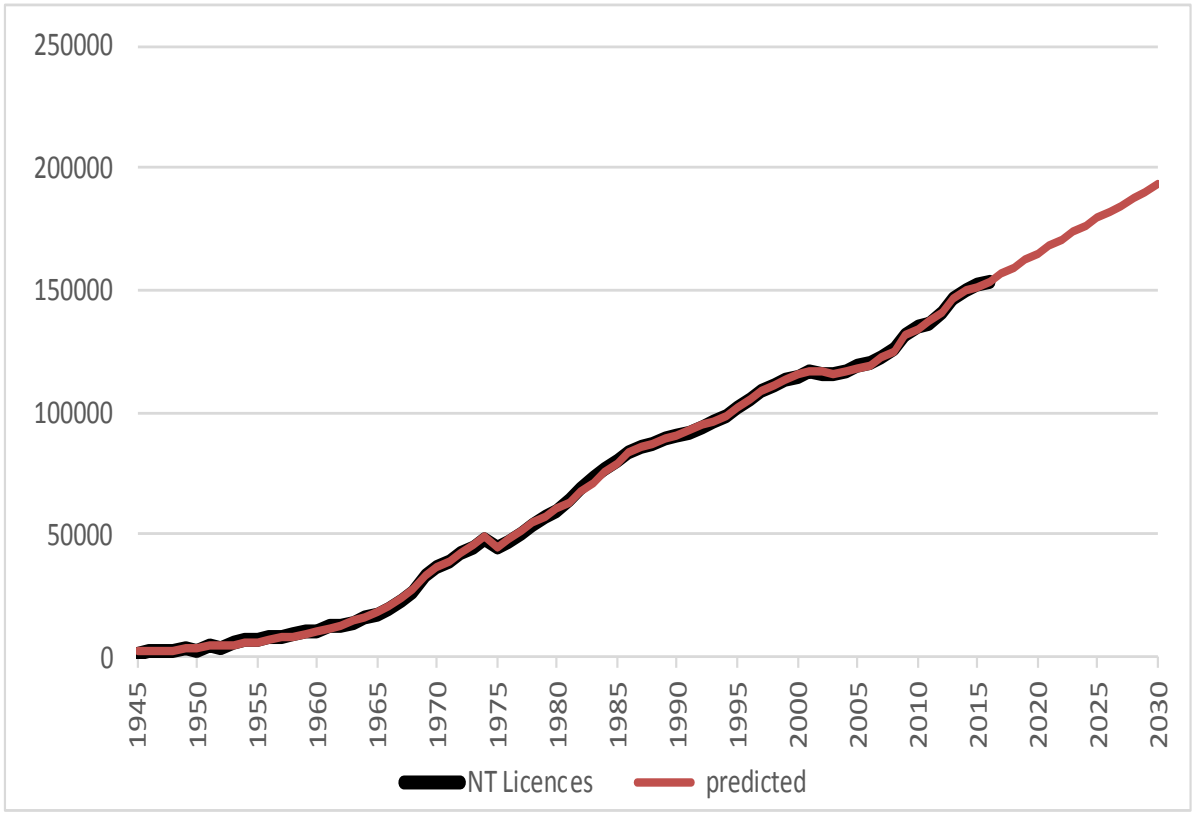
Northern Territory licences per person data was modelled with a logistic curve (0.635 saturation), fit to it using two time variables and two dummy variables.

Figure 10 Northern Territory licences per person



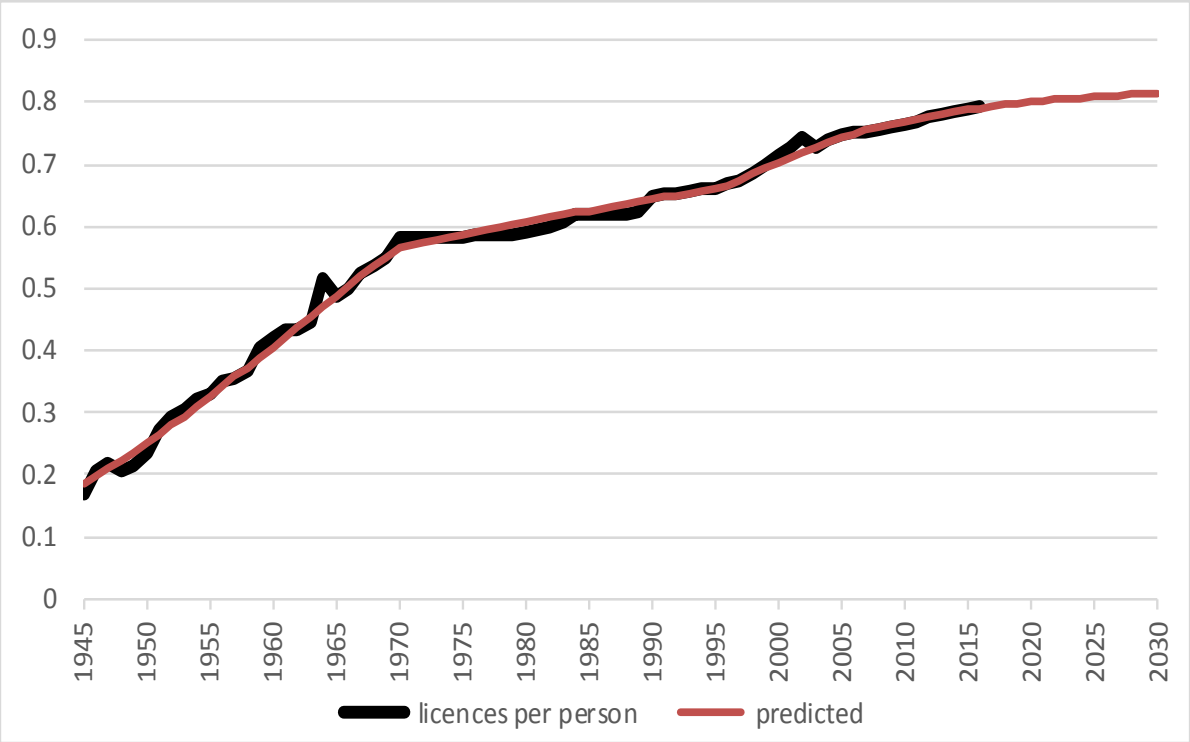
Using ABS population forecasts, Northern Territory licence totals increase 23 per cent from 2016 to 2030.

Figure 5 Northern Territory licences



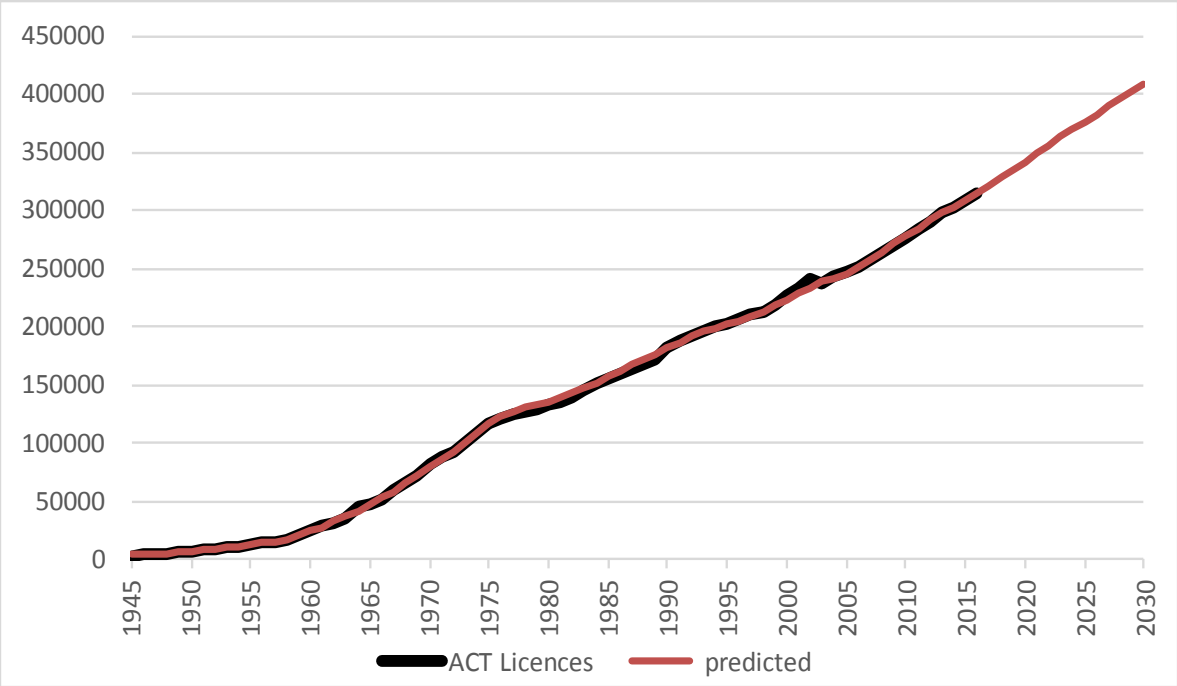
Australian Capital Territory licences per person data was modelled with a logistic curve (0.825saturation) using three time trends. The high saturation level is possibly influenced by the fact that where a driver licence holder moves interstate, their ACT licence may remain active for years after, as not all licence holders transfer straight away. Theoretically then, some of the population of local surrounding areas such as Goulburn, Jerrabomberra, Queanbeyan, Murrumbateman, Hall, Bungendore, etc., should then be added to the ACT licence population base. In lieu of this, the reported licence total and associated higher saturation level have been retained.

Figure 11 Australian Capital Territory licences per person



Using ABS population forecasts, ACT licence totals increase 32 per cent from 2016 to 2030.

Figure 5 Australian Capital Territory licences



Aggregated State/Territory versus Australian-level Model Forecasts

When the predictions/forecasts from the various State/Territory model are aggregated, they can be compared to those from the simple Australia-level model (fit over a longer time period). That comparison (Figure 12) shows that: 1) the aggregated estimates of the eight State/Territory models follow the fluctuations of the data more closely, due to use of dummy variables and different time trends, but that 2) both modellings give almost identical forecasts for the future path of licences per person. The same conclusions hold true for total drivers licences, as shown in Figure 13.

Figure 12 Aggregated State/Territory versus Australian-level Modelled Licences per Person

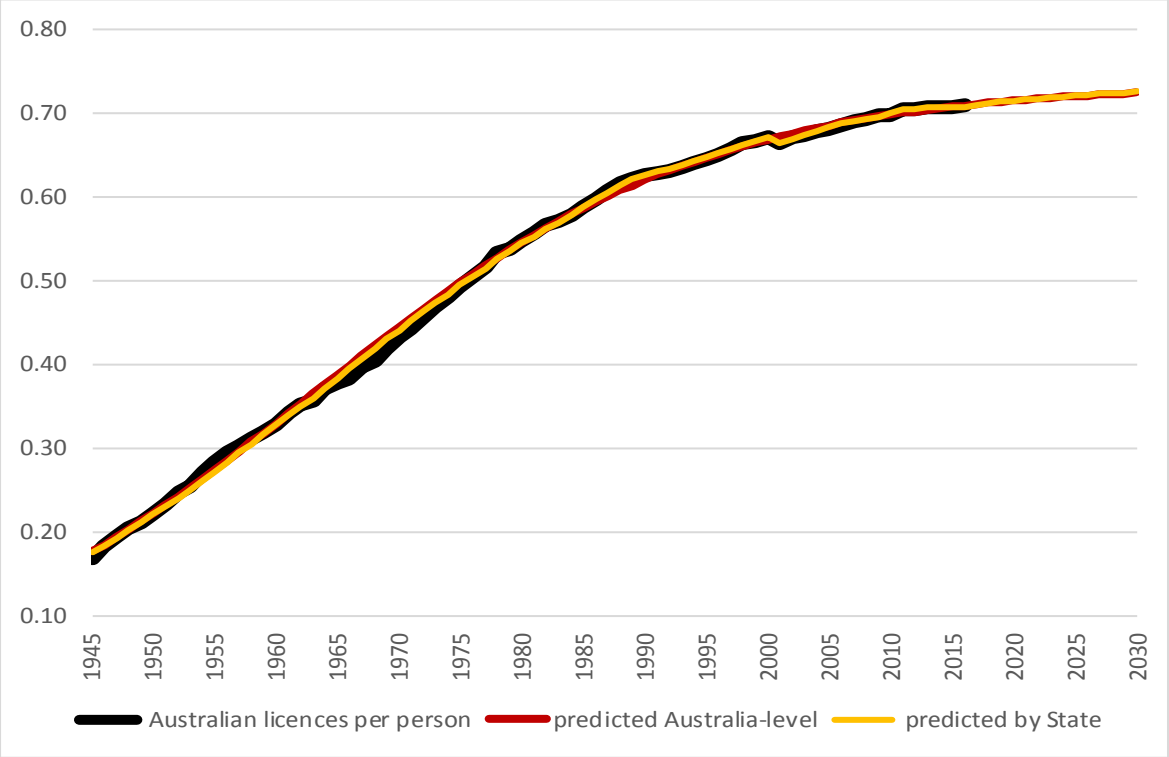
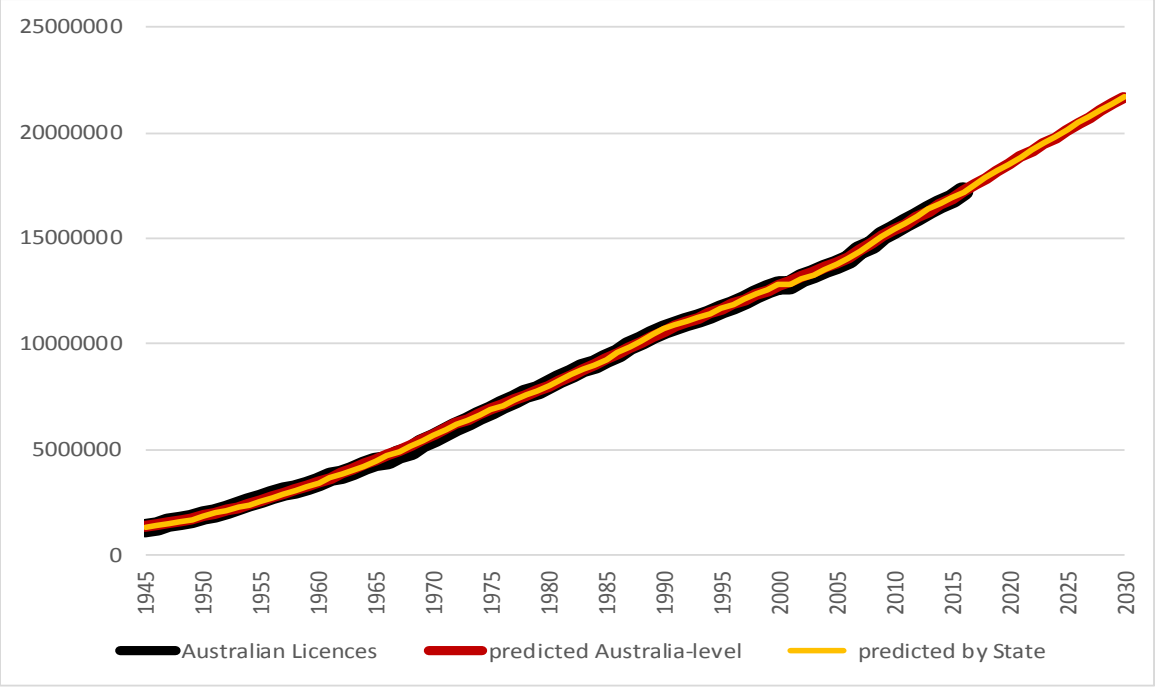


Figure 13 Aggregated State/Territory versus Australian-level Modelled Licences

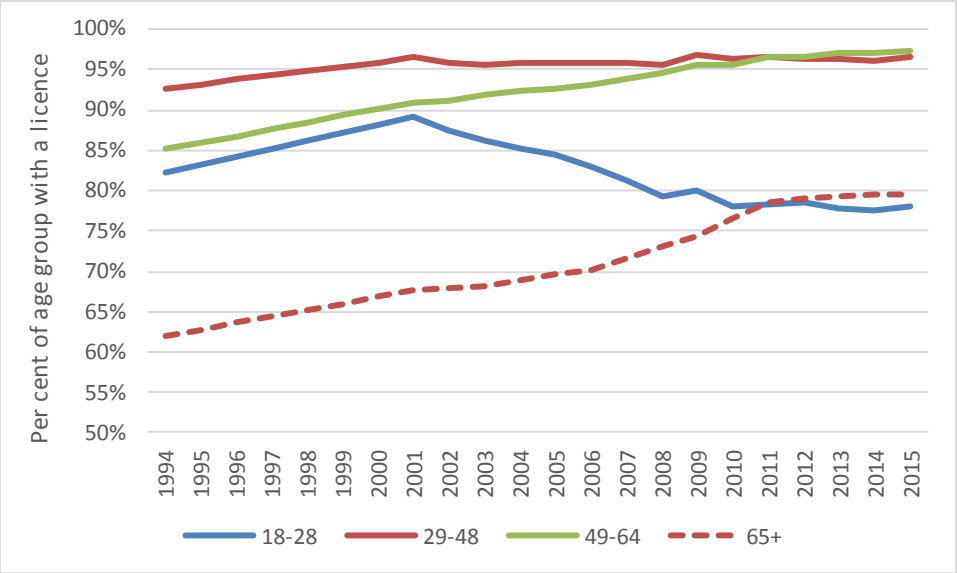


Age-related Trends in Drivers Licences

There has been much attention given lately to the increasing tendency for younger age groups to not hold a licence. Victoria has data on the trends in licence holding by age group. These are shown in Figure 14. It can be seen that licence-holding by the youngest age group did decline substantially from the early 2000s to 2010 but has since stabilised. At the same time, licence-holding by older Victorians (49 years and over) has continued to increase over the period from 1994, neutralising the decline in the youngest group. Changes in licence-holding have roughly stabilised over all age groups since 2012.

Changes in age-related trends in licence-holding have thus not destabilised the overall logistic trend in licences per person found above, and are unlikely to do so over the coming decades.

Figure 14 Age-related Trends in Drivers Licences in Victoria



Conclusions

The saturating trend in licences per head of population found using Australia-level data has been replicated when State/Territory saturating model predictions were aggregated.

These trends were very stable, even in the face of recent declines in licence-holding by younger Australians.

This means that the forecast of the number of drivers licences per person to 2030 shown in Figure 12 should be very robust (lacking any unforeseen disruption). If the ABS population forecast to 2030 should also prove to be accurate, the same should hold for the forecast of total licence numbers in Figure 13.

In other words, the *absolute annual change* in licence totals to 2030 should be almost the same as in the last decade. From 17.2 million drivers on the road in 2016, the total should increase by about 25 per cent to 21.7 million drivers by 2030.

References

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BITRE (2016) *Yearbook 2016: Australian Infrastructure Statistics*, Canberra, ACT.

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Vamplew, W (1987) *Australians – Historical Statistics* Fairfax, Syme & Weldon Associates, Sydney.

Table 1: Data

	LICENCES								
	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1920									
1921									
1922	68693	43701	21500	27458	4398	6101	77	145	172073
1923	91377	57371	28301	33230	11168	7333	78	206	229065
1924	122014	78008	43174	48363	16835	9278	92	346	318110
1925	161893	100021	50137	64011	24500	11328	154	555	412599
1926	203123	126369	57073	79659	32642	13408	170	880	513324
1927	244937	164380	63976	88695	41864	15306	295	1042	620495
1928	287173	188057	71116	92198	47112	17940	367	1597	705560
1929	324666	212228	78174	82973	68139	20131	519	1983	788813
1930	346415	230853	85698	94381	62917	22510	650	1847	845271
1931	327251	228051	93259	87841	59544	20968	620	1736	819269
1932	308087	226712	100609	81300	56171	19426	589	1624	794518
1933	309704	235613	108165	89507	56730	20863	572	1762	822916
1934	320801	245847	115935	96916	60472	21534	673	1804	863982
1935	341255	260288	125550	93258	63539	23475	773	2080	910218
1936	367710	289486	135340	92227	65912	25358	1033	2277	979343
1937	395523	315826	139056	135320	77317	26538	989	2404	1092973
1938	430109	340438	149702	137627	83564	29000	1313	2556	1174309
1939	460371	358417	161116	138089	85005	30443	1649	3407	1238497
1940	472595	370838	163864	129950	86986	31148	2029	3371	1260781
1941	468305	365205	167291	122280	82575	30026	2351	3305	1241338
1942	427910	339334	169481	106455	73364	25282	2182	2733	1146741
1943	414972	329595	174465	113556	62250	25636	1427	2551	1124452
1944	423452	337171	178960	105951	70420	27348	1177	2577	1147056
1945	445625	353584	183944	117310	73090	29128	1097	3043	1206821
1946	518644	401610	188564	137979	89141	34932	2553	3890	1377313
1947	568949	437924	204833	149304	94574	38022	2672	4377	1500655
1948	598512	470971	221497	159814	103438	40388	2880	4705	1602205
1949	637582	487407	240893	172063	110121	44422	3223	5350	1701061
1950	676589	525709	264613	192469	133954	48745	2520	6379	1850978
1951	748343	575723	252366	215157	134864	53936	4645	7837	1992871
1952	827355	639910	277500	232119	148272	59915	4066	8906	2198043
1953	870048	645962	280943	252216	159539	72306	5746	9982	2296742
1954	914239	708307	332777	265727	168420	78244	6862	11109	2485685
1955	999751	725826	358625	281091	191051	83775	7310	12343	2659772
1956	1048901	801852	387317	299158	202495	89659	7541	14005	2850928
1957	1091467	831847	392530	315044	229739	90988	7961	15189	2974765
1958	1149472	879779	429947	328833	241212	99946	8821	17166	3155176
1959	1227564	908343	439467	340973	239497	102051	9974	21005	3288874
1960	1275245	967952	468404	369584	246586	108205	10609	24659	3471244
1961	1358822	1032431	487004	393869	261908	112249	12557	28179	3687019
1962	1419666	1079751	511699	397803	275127	117944	13241	31372	3846603
1963	1450842	1112750	542414	414656	292000	124667	13834	35728	3986891
1964	1526810	1162448	585050	427717	321920	133071	15647	44983	4217646
1965	1608213	1215435	606441	447985	329157	136744	17597	46612	4408184
1966	1622189	1259477	634689	464778	345412	142100	19769	52038	4540452
1967	1722600	1313291	684038	481496	363511	152733	22740	58758	4799167
1968	1783000	1371673	701443	491765	372000	156000	26000	65000	4966881
1969	1908000	1435797	730128	513687	405000	161000	33000	72000	5258612
1970	2034309	1502074	758690	535184	431499	166215	37108	82081	5547160
1971	2123498	1566395	803965	550745	450837	172854	38872	87870	5795036
1972	2199318	1634118	825203	570562	493000	174000	42278	92987	6031465
1973	2244478	1711808	876958	592481	513035	181096	45151	100964	6265972
1974	2348104	1856910	927569	612693	537404	187584	48436	108622	6627322
1975	2446383	1885874	973257	637248	562724	194564	44236	116197	6860484
1976	2529319	1957056	1020305	658268	591416	201057	47352	121432	7126205
1977	2620743	2032520	1093334	690663	621288	213053	50700	125049	7447350
1978	2727591	2016063	1131070	716991	654949	217483	54278	127704	7646129
1979	2748124	2072172	1169704	737410	675033	222217	56990	129498	7811148
1980	2821641	2120469	1220997	751458	700398	228251	60211	132150	8035575
1981	2906449	2181714	1299772	762372	731113	236778	63656	134708	8316562
1982	2993969	2255439	1347343	779110	756816	238865	68949	139057	8579548
1983	3048216	2318698	1400621	797971	780618	244209	72972	144984	8808289
1984	3088958	2369622	1465846	814046	799769	254249	76672	151016	9020178
1985	3174222	2472792	1521654	833118	819076	262067	80481	155005	9318416
1986	3263701	2588163	1582133	845073	846135	269139	84052	159770	9638166
1987	3365308	2590358	1642029	858931	882630	275743	86502	164103	9865604
1988	3471734	2696700	1694116	863796	920881	278950	87344	168501	10182022
1989	3538491	2791312	1712731	882176	962558	287118	88925	172402	10435712
1990	3567980	2875289	1774261	904388	996899	293063	90735	182403	10685019
1991	3577806	2943669	1830518	924481	1024547	295741	92122	187874	10876757
1992	3575792	2992560	1887908	941493	1052228	297445	94238	192439	11034104
1993	3619370	3031040	1952851	947134	1072711	300654	96430	196540	11216730
1994	3682405	3047999	2017047	949318	1097079	303772	98660	199479	11395759
1995	3744102	3073212	2082402	974756	1125242	308092	101751	202105	11611662
1996	3811962	3114404	2145394	978498	1154165	312725	104991	207142	11829280
1997	3905441	3169516	2200299	1001746	1185134	311760	108441	209581	12091917
1998	3982175	3228500	2240177	1007239	1216102	310563	110717	213237	12308710
1999	4038485	3293556	2297407	1012771	1220138	312709	112985	219431	12507482
2000	4099398	3363631	2348862	1017562	1224174	316063	115040	226179	12710909
2001	4046569	3440181	2410773	1021940	1258463	320627	116789	233917	12849259
2002	4165423	3468762	2494238	1027782	1292751	323007	115956	240880	13128799
2003	4262931	3517719	2542622	1038999	1320777	328063	116067	237881	13365060
2004	4325701	3572246	2587667	1051860	1341116	335745	116574	242936	13573845
2005	4396993	3628215	2639287	1065786	1360598	340732	118866	248089	13798566
2006	4474183	3682937	2718563	1072285	1389332	345441	120614	251472	14054827
2007	4576588	3748983	2831421	1085034	1423222	352062	122232	256954	14396495
2008	4642256	3818617	2921109	1097758	1469629	355805	125550	263035	14693760
2009	4721039	3937287	3048522	1112003	1516035	359548	131466	268984	15094884
2010	4791490	3978322	3132341	1124998	1566463	363291	134791	276137	15367833
2011	4893688	4060582	3240939	1138713	1605793	367655	135957	283287	15726614
2012	4984973	4135725	3301004	1151821	1650934	366918	140973	291241	16023589
2013	5060762	4216265	3374824	1183292	1705854	366806	146147	297595	16351545
2014	5142396	4310687	3384271	1196554	1745523	368562	150350	303057	16601400
2015	5245755	4384609	3432171	1206194	1777515	372402	151911	309044	16879601
2016	5337950	4469781	3505706	1219238	1805895	378224	154112	315332	17186238
2017	5415357	4556755	3579100	1233594	1858974	381182	156866	321188	17503016
2018	5501390	4642873	3658288	1248208	1913212	384212	159738	328280	17836202
2019	5586539	4728500	3737229	1262593	1969260	387147	162597	335317	18169180
2020	5670911	4813718	3815992	1276768	2027379	389986	165444	342302	18502500
2021	5754230	4898209	3894364	1290673	2085573	392719	168273	349217	18833260
2022	5836854	4982335	3972614	1304377	2141018	395347	171094	356082	19159721
2023	5918692	5065987	4050683	1317857	2196587	397866	173908	362893	19484472
2024	5999676	5149059	4128512	1331101	2252227	400271	176711	369645	19807201
2025	6079712	5231471	4206057	1344094	2307883	402557	179502	376336	20127611
2026	6158731	5313155	4283260	1356820	2363517	404724	182281	382959	20445449
2027	6236717	5394110	4360045	1369271	2419090	406761	185051	389520	20760564
2028	6313802	5474469	4436448	1381461	2474611	408674	187819	396031	21073316
2029	6389920	5554188	4512443	1393384	2530058	410463	190585	402487	21383527
2030	6465041	5633237	4588014	1405034	2585419	412122	193350	408890	21691106

Table 1: Data (cont'd)

	Population ('000s)								
	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1920	2092	1528	751	491	331	213	4	2	5412
1921	2132	1551	766	502	337	219	4	2	5512
1922	2182	1590	782	512	346	220	4	3	5638
1923	2223	1625	802	522	357	220	4	3	5757
1924	2273	1657	822	535	368	220	4	4	5883
1925	2323	1684	845	547	378	219	4	5	6004
1926	2377	1712	862	561	385	218	4	6	6126
1927	2434	1742	876	570	400	219	5	7	6253
1928	2484	1762	891	573	415	220	4	8	6356
1929	2520	1778	902	573	427	223	5	8	6437
1930	2547	1793	917	574	432	225	5	9	6501
1931	2567	1804	930	577	434	228	5	8	6553
1932	2592	1814	939	579	436	231	5	8	6604
1933	2614	1824	949	583	441	232	5	9	6657
1934	2637	1837	960	585	444	232	5	9	6708
1935	2659	1842	971	587	450	233	5	9	6757
1936	2683	1850	983	590	455	236	6	10	6813
1937	2713	1858	994	592	461	240	6	11	6875
1938	2739	1873	1005	596	468	242	6	12	6940
1939	2769	1885	1020	600	474	243	8	13	7011
1940	2794	1918	1031	600	476	244	10	14	7087
1941	2818	1951	1038	607	476	242	12	16	7159
1942	2855	1968	1037	612	480	242	11	15	7221
1943	2882	1990	1053	618	483	244	16	14	7299
1944	2917	2010	1065	626	491	247	19	16	7391
1945	2957	2032	1080	636	499	250	26	18	7498
1946	2984	2052	1093	644	504	254	26	19	7575
1947	3026	2082	1110	655	515	259	26	20	7693
1948	3059	2121	1135	671	528	263	28	23	7827
1949	3138	2173	1163	689	546	269	29	25	8030
1950	3241	2240	1200	720	571	278	30	27	8306
1951	3328	2310	1232	743	595	288	31	29	8555
1952	3392	2379	1264	767	615	298	31	30	8776
1953	3439	2432	1296	788	637	306	31	33	8962
1954	3489	2497	1323	810	657	311	32	35	9153
1955	3559	2564	1355	833	675	316	33	37	9374
1956	3627	2643	1387	863	694	321	35	40	9608
1957	3701	2708	1418	888	708	329	36	43	9831
1958	3772	2773	1445	912	721	336	37	47	10043
1959	3844	2843	1474	937	734	342	39	52	10266
1960	3921	2918	1502	963	746	347	40	58	10495
1961	3992	2982	1534	990	766	354	44	65	10727
1962	4065	3038	1558	1006	786	359	45	73	10930
1963	4132	3098	1585	1031	810	364	48	80	11148
1964	4194	3166	1618	1059	831	368	51	87	11375
1965	4266	3228	1652	1090	849	373	55	96	11609
1966	4334	3287	1683	1118	873	377	58	104	11834
1967	4400	3345	1709	1134	905	382	64	112	12050
1968	4474	3402	1738	1146	943	387	70	121	12281
1969	4566	3468	1773	1165	984	391	76	131	12554
1970	4652	3532	1803	1184	1022	395	82	141	12810
1971	4726	3601	1851	1200	1054	398	86	151	13068
1972	4795	3661	1898	1215	1082	400	92	160	13304
1973	4842	3708	1952	1228	1101	403	97	173	13505
1974	4894	3756	2008	1242	1128	406	103	186	13723
1975	4932	3787	2051	1265	1155	410	93	199	13893
1976	4960	3810	2092	1274	1178	412	98	208	14033
1977	5002	3837	2130	1286	1204	415	104	214	14193
1978	5054	3864	2172	1296	1228	418	110	218	14360
1979	5111	3886	2215	1301	1247	421	114	221	14516
1980	5172	3914	2266	1308	1269	424	118	224	14696
1981	5235	3947	2345	1319	1300	427	123	227	14923
1982	5304	3993	2425	1331	1339	430	130	232	15184
1983	5353	4036	2482	1346	1369	433	136	238	15393
1984	5403	4076	2524	1360	1391	438	142	244	15579
1985	5465	4120	2571	1371	1419	443	149	251	15788
1986	5532	4161	2625	1383	1459	446	154	258	16018
1987	5617	4210	2675	1393	1496	449	158	265	16264
1988	5708	4263	2740	1405	1535	451	159	271	16532
1989	5777	4320	2828	1419	1578	455	161	276	16814
1990	5834	4379	2899	1432	1613	462	164	281	17065
1991	5899	4420	2961	1446	1636	467	165	289	17284
1992	5958	4450	3023	1455	1659	470	169	294	17478
1993	5995	4463	3096	1459	1679	472	172	299	17635
1994	6045	4473	3167	1463	1705	473	175	302	17803
1995	6106	4498	3237	1465	1736	475	180	306	18002
1996	6177	4535	3303	1469	1768	476	185	310	18222
1997	6247	4569	3355	1476	1798	475	190	311	18421
1998	6306	4607	3404	1483	1826	473	193	312	18605
1999	6375	4652	3454	1491	1854	473	196	314	18810
2000	6447	4704	3509	1498	1879	473	199	317	19027
2001	6531	4764	3571	1503	1906	474	202	322	19272
2002	6581	4818	3653	1512	1929	474	202	325	19493
2003	6621	4874	3743	1520	1953	479	202	327	19719
2004	6651	4927	3830	1528	1980	483	203	329	19931
2005	6694	4989	3918	1539	2011	486	206	331	20175
2006	6743	5061	4008	1553	2051	489	209	335	20449
2007	6835	5154	4111	1571	2106	493	214	343	20825
2008	6944	5256	4220	1589	2172	499	220	348	21247
2009	7054	5372	4329	1609	2240	504	226	355	21689
2010	7145	5461	4405	1627	2291	509	230	362	22029
2011	7219	5538	4477	1640	2353	511	231	368	22337
2012	7308	5633	4568	1656	2438	512	236	375	22726
2013	7410	5735	4652	1670	2519	513	243	381	23123
2014	7519	5842	4722	1686	2573	515	245	386	23488
2015	7623	5950	4811	1702	2624	517	248	392	23866
2016	7725	6056	4902	1719	2686	520	251	398	24258
2017	7827	6163	4996	1737	2751	524	255	405	24659
2018	7928	6270	5095	1755	2820	527	260	412	25067
2019	8028	6376	5194	1772	2893	530	264	420	25477
2020	8127	6482	5292	1790	2970	533	268	428	25890
2021	8226	6588	5391	1807	3047	536	272	435	26301
2022	8324	6692	5489	1824	3125	538	276	443	26711
2023	8421	6797	5587	1840	3203	541	281	450	27120
2024	8517	6901	5685	1857	3281	544	285	458	27527
2025	8613	7004	5783	1873	3359	546	289	465	27932
2026	8708	7106	5881	1889	3438	548	293	473	28335
2027	8801	7208	5978	1904	3516	551	297	480	28735
2028	8894	7309	6075	1919	3594	553	301	487	29133
2029	8986	7409	6172	1934	3672	555	306	495	29528
2030	9076	7509	6269	1949	3750	556	310	502	29921

Table 1: Data (cont'd)

	LICENCES PER PERSON								
	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1920									
1921									
1922	0.031	0.027	0.027	0.054	0.013	0.028	0.021	0.054	0.031
1923	0.041	0.035	0.035	0.064	0.031	0.033	0.021	0.064	0.040
1924	0.054	0.047	0.053	0.090	0.046	0.042	0.025	0.090	0.054
1925	0.070	0.059	0.059	0.117	0.065	0.052	0.040	0.117	0.069
1926	0.085	0.074	0.066	0.142	0.085	0.062	0.041	0.142	0.084
1927	0.101	0.094	0.073	0.156	0.105	0.070	0.064	0.143	0.099
1928	0.116	0.107	0.080	0.161	0.114	0.081	0.086	0.207	0.111
1929	0.129	0.119	0.087	0.145	0.160	0.090	0.108	0.247	0.123
1930	0.136	0.129	0.093	0.164	0.146	0.100	0.130	0.217	0.130
1931	0.127	0.126	0.100	0.152	0.137	0.092	0.127	0.211	0.125
1932	0.119	0.125	0.107	0.140	0.129	0.084	0.122	0.197	0.120
1933	0.118	0.129	0.114	0.154	0.129	0.090	0.117	0.203	0.124
1934	0.122	0.134	0.121	0.166	0.136	0.093	0.133	0.195	0.129
1935	0.128	0.141	0.129	0.159	0.141	0.101	0.147	0.220	0.135
1936	0.137	0.156	0.138	0.156	0.145	0.108	0.186	0.223	0.144
1937	0.146	0.170	0.140	0.229	0.168	0.111	0.173	0.220	0.159
1938	0.157	0.182	0.149	0.231	0.179	0.120	0.213	0.220	0.169
1939	0.166	0.190	0.158	0.230	0.179	0.125	0.204	0.268	0.177
1940	0.169	0.193	0.159	0.217	0.183	0.128	0.199	0.240	0.178
1941	0.166	0.187	0.161	0.201	0.174	0.124	0.199	0.212	0.173
1942	0.150	0.172	0.163	0.174	0.153	0.104	0.197	0.180	0.159
1943	0.144	0.166	0.166	0.184	0.129	0.105	0.091	0.176	0.154
1944	0.145	0.168	0.168	0.169	0.143	0.111	0.062	0.161	0.155
1945	0.151	0.174	0.170	0.185	0.146	0.116	0.042	0.170	0.161
1946	0.174	0.196	0.173	0.214	0.177	0.138	0.098	0.206	0.182
1947	0.188	0.210	0.185	0.228	0.184	0.147	0.102	0.219	0.195
1948	0.196	0.222	0.195	0.238	0.196	0.154	0.104	0.204	0.205
1949	0.203	0.224	0.207	0.250	0.202	0.165	0.112	0.216	0.212
1950	0.209	0.235	0.221	0.267	0.235	0.175	0.084	0.233	0.223
1951	0.225	0.249	0.205	0.289	0.227	0.187	0.151	0.273	0.233
1952	0.244	0.269	0.220	0.303	0.241	0.201	0.133	0.294	0.250
1953	0.253	0.266	0.217	0.320	0.250	0.236	0.185	0.304	0.256
1954	0.262	0.284	0.252	0.328	0.256	0.252	0.217	0.320	0.272
1955	0.281	0.283	0.265	0.337	0.283	0.265	0.220	0.330	0.284
1956	0.289	0.303	0.279	0.347	0.292	0.279	0.218	0.350	0.297
1957	0.295	0.307	0.277	0.355	0.325	0.277	0.221	0.353	0.303
1958	0.305	0.317	0.298	0.360	0.335	0.298	0.238	0.368	0.314
1959	0.319	0.319	0.298	0.364	0.326	0.298	0.256	0.406	0.320
1960	0.325	0.332	0.312	0.384	0.331	0.312	0.263	0.423	0.331
1961	0.340	0.346	0.317	0.398	0.342	0.317	0.286	0.433	0.344
1962	0.349	0.355	0.328	0.395	0.350	0.328	0.292	0.432	0.352
1963	0.351	0.359	0.342	0.402	0.361	0.342	0.290	0.446	0.358
1964	0.364	0.367	0.362	0.404	0.387	0.362	0.306	0.514	0.371
1965	0.377	0.377	0.367	0.411	0.388	0.367	0.323	0.486	0.380
1966	0.374	0.383	0.377	0.416	0.396	0.377	0.339	0.500	0.384
1967	0.391	0.393	0.400	0.425	0.401	0.400	0.355	0.525	0.398
1968	0.399	0.403	0.404	0.429	0.395	0.404	0.372	0.537	0.404
1969	0.418	0.414	0.412	0.441	0.411	0.412	0.437	0.549	0.419
1970	0.437	0.425	0.421	0.452	0.422	0.421	0.454	0.581	0.433
1971	0.449	0.435	0.434	0.459	0.428	0.434	0.453	0.581	0.443
1972	0.459	0.446	0.435	0.470	0.456	0.435	0.459	0.582	0.453
1973	0.464	0.462	0.449	0.482	0.466	0.449	0.465	0.583	0.464
1974	0.480	0.494	0.462	0.493	0.477	0.462	0.471	0.583	0.483
1975	0.496	0.498	0.474	0.504	0.487	0.474	0.476	0.584	0.494
1976	0.510	0.514	0.488	0.517	0.502	0.488	0.482	0.585	0.508
1977	0.524	0.530	0.513	0.537	0.516	0.513	0.488	0.585	0.525
1978	0.540	0.522	0.521	0.553	0.533	0.521	0.494	0.586	0.532
1979	0.538	0.533	0.528	0.567	0.541	0.528	0.499	0.587	0.538
1980	0.546	0.542	0.539	0.574	0.552	0.539	0.509	0.589	0.547
1981	0.555	0.553	0.554	0.578	0.562	0.554	0.519	0.594	0.557
1982	0.564	0.565	0.556	0.585	0.565	0.556	0.529	0.599	0.565
1983	0.569	0.575	0.564	0.593	0.570	0.564	0.537	0.609	0.572
1984	0.572	0.581	0.581	0.599	0.575	0.581	0.539	0.618	0.579
1985	0.581	0.600	0.592	0.608	0.577	0.592	0.542	0.618	0.590
1986	0.590	0.622	0.603	0.611	0.580	0.603	0.544	0.619	0.602
1987	0.599	0.615	0.614	0.617	0.590	0.614	0.547	0.620	0.607
1988	0.608	0.633	0.618	0.615	0.600	0.618	0.549	0.621	0.616
1989	0.613	0.646	0.606	0.622	0.610	0.631	0.552	0.625	0.621
1990	0.612	0.657	0.612	0.632	0.618	0.634	0.554	0.648	0.626
1991	0.607	0.666	0.618	0.639	0.626	0.634	0.557	0.65	0.629
1992	0.600	0.672	0.624	0.647	0.634	0.633	0.559	0.65	0.631
1993	0.604	0.679	0.631	0.649	0.639	0.637	0.562	0.66	0.636
1994	0.609	0.681	0.637	0.649	0.644	0.642	0.564	0.660	0.640
1995	0.613	0.683	0.643	0.665	0.648	0.649	0.567	0.661	0.645
1996	0.617	0.687	0.649	0.666	0.653	0.658	0.569	0.669	0.649
1997	0.625	0.694	0.656	0.679	0.659	0.656	0.571	0.675	0.656
1998	0.631	0.70	0.658	0.679	0.666	0.656	0.574	0.684	0.662
1999	0.633	0.71	0.665	0.679	0.658	0.661	0.576	0.698	0.665
2000	0.636	0.72	0.669	0.680	0.651	0.668	0.578	0.713	0.668
2001	0.620	0.722	0.675	0.680	0.660	0.677	0.579	0.727	0.667
2002	0.633	0.720	0.683	0.680	0.670	0.681	0.573	0.742	0.674
2003	0.644	0.722	0.679	0.683	0.676	0.686	0.575	0.727	0.678
2004	0.650	0.725	0.676	0.688	0.677	0.695	0.575	0.739	0.681
2005	0.657	0.727	0.674	0.693	0.677	0.701	0.577	0.749	0.684
2006	0.664	0.728	0.678	0.691	0.678	0.706	0.577	0.750	0.687
2007	0.670	0.727	0.689	0.691	0.676	0.714	0.572	0.750	0.691
2008	0.669	0.726	0.692	0.691	0.677	0.714	0.571	0.755	0.692
2009	0.669	0.733	0.704	0.691	0.677	0.713	0.582	0.758	0.696
2010	0.671	0.728	0.711	0.691	0.684	0.714	0.587	0.763	0.698
2011	0.678	0.733	0.724	0.695	0.682	0.719	0.588	0.770	0.704
2012	0.682	0.734	0.723	0.696	0.677	0.716	0.598	0.776	0.705
2013	0.683	0.735	0.725	0.708	0.677	0.715	0.603	0.780	0.707
2014	0.684	0.738	0.717	0.710	0.678	0.716	0.613	0.785	0.707
2015	0.688	0.737	0.713	0.709	0.677	0.720	0.612	0.789	0.707
2016	0.691	0.738	0.715	0.709	0.672	0.727	0.613	0.792	0.708
2017	0.692	0.739	0.716	0.710	0.676	0.728	0.614	0.793	0.710
2018	0.694	0.740	0.718	0.711	0.678	0.729	0.615	0.796	0.712
2019	0.696	0.742	0.720	0.712	0.681	0.731	0.616	0.798	0.713
2020	0.698	0.743	0.721	0.713	0.683	0.732	0.617	0.800	0.715
2021	0.700	0.744	0.722	0.714	0.684	0.733	0.618	0.802	0.716
2022	0.701	0.744	0.724	0.715	0.685	0.734	0.619	0.804	0.717
2023	0.703	0.745	0.725	0.716	0.686	0.735	0.620	0.806	0.718
2024	0.704	0.746	0.726	0.717	0.686	0.736	0.620	0.807	0.720
2025	0.706	0.747	0.727	0.718	0.687	0.737	0.621	0.809	0.721
2026	0.707	0.748	0.728	0.718	0.688	0.738	0.622	0.810	0.722
2027	0.709	0.748	0.729	0.719	0.688	0.739	0.623	0.811	0.722
2028	0.710	0.749	0.730	0.720	0.689	0.739	0.623	0.812	0.723
2029	0.711	0.750	0.731	0.720	0.689	0.740	0.624	0.813	0.724
2030	0.712	0.750	0.732	0.721	0.689	0.741	0.624	0.814	0.725

Note: Yellow cells are interpolations for suspect or missing data

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Use of the Coat of Arms

The Department of the Prime Minister and Cabinet sets the terms under which the Coat of Arms is used. Please refer to the Department's Commonwealth Coat of Arms and Government Branding web page http://www.dpmc.gov.au/guidelines/index.cfm#brand and in particular, the Guidelines on the use of the Commonwealth Coat of Arms publication.

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