

OC240386

7 May 2024

Tēnā koe

I refer to your email dated 15/04/2024, requesting the following under the Official Information Act 1982 (the Act):

“can I have updated information as attached which shows All data for road deaths per year and injuries compared to population and number of cars on the road and compared to kms travelled. <https://www.nzta.govt.nz/assets/Form-submissions/state-highway-issues-or-feedback/a67d9576cb/Annual-time-series-data-1921-to-2015-Nov16.pdf>”.

The updated data has been collected and analysed as requested. The data accompanies this letter as a csv file.

Notes/caveats.

- New data was retrieved where available (details below).
 - Where new data was available, this was used; where not, the originals from the table provided were used.
 - Incomplete years before 1936 were omitted.
- Deaths and injuries.
 - Data downloaded from Crash Analysis System (CAS) on the 16th of April 2024.
 - Injuries contains CAS categories “serious injured” and “minor injured”.
 - Yearly totals from 1980 to 2022.
- Population.
 - Data downloaded from StatsNZ on the 16th and 17th of April 2024.
 - <https://infoshare.stats.govt.nz/SelectVariables.aspx?pxID=b62924b6-dce1-4853-9dbc-c6a7b352e4fd>.
 - DPE055AA: years 1991-2023 ‘Annual Mar’, ‘as at’).
 - LTD001AA: years 1930-2011, ‘Annual Mar’.
 - For years with overlapping data, the mean population was calculated.
- Number of vehicles (from motor vehicle fleet).
 - Data downloaded from Te Manatū Waka on the 16th of April 2024.
 - <https://www.transport.govt.nz/statistics-and-insights/fleet-statistics/annual-fleet-statistics/>.
 - Number of vehicles shown is the total of all available vehicle types.

- Please note the calculated motor vehicle fleet for any given period can vary depending on when the calculation is performed due to changes in the underlying database (the Motor Vehicle Register).
- Updated data for the motor vehicle fleet is not yet available for 2023; similarly, CAS data for 2023 is not yet considered ready for publication.

You have the right to seek an investigation and review of this response by the Ombudsman, in accordance with section 28(3) of the Act. The relevant details can be found on the Ombudsman's website www.ombudsman.parliament.nz

The Ministry publishes our Official Information Act responses and the information contained in our reply to you may be published on the Ministry website. Before publishing we will remove any personal or identifiable information.

Nāku noa, nā



Roselle Thoreau
Manager Insights, Data and Evaluation

year	Population	Vehicles	Fatalities		Injuries		Injuries per 10k vehicles	
			Number of fatalities	per 100k pop	Number of injuries	per 100k pop		
1936	1584600	237300	203	12.8	8.6	4250	268	179.1
1937	1601800	261000	213	13.3	8.2	4460	278	170.9
1938	1618300	284900	243	15	8.5	5091	315	178.7
1939	1641600	297700	246	15	8.3	5635	343	189.3
1940	1633600	293100	205	12.5	7	4223	259	144.1
1941	1631300	298200	174	10.7	5.8	3591	220	120.4
1942	1636400	286800	164	10	5.7	2416	148	84.2
1943	1642000	269500	152	9.3	5.6	2746	167	101.9
1944	1676300	277900	142	8.5	5.1	2667	159	96
1945	1728400	288700	128	7.4	4.4	3308	191	114.6
1946	1784300	299600	191	10.7	6.4	4243	238	141.6
1947	1823100	322800	206	11.3	6.4	4762	262	147.5
1948	1861900	350200	196	10.6	5.6	4706	254	134.4
1949	1892000	370900	218	11.5	5.9	5317	281	143.4
1950	1927600	402200	232	12	5.8	6314	328	157
1951	1970500	447100	292	14.8	6.5	6938	352	155.2
1952	2024600	494200	272	13.4	5.5	7448	368	150.7
1953	2074800	513700	313	15.1	6.1	7686	371	149.6
1954	2118400	553500	360	17	6.5	7875	372	142.3
1955	2164700	601100	333	15.4	5.5	8976	415	149.3
1956	2209100	638300	329	14.9	5.2	9758	442	152.9
1957	2262800	672600	384	17	5.7	11053	489	164.3
1958	2315900	702900	379	16.1	5.4	11408	483	162.3
1959	2359700	728200	349	14.8	4.8	11703	496	160.7
1960	2403600	762700	374	15.6	4.9	12443	518	163.1
1961	2461200	806300	393	16	4.9	12796	520	158.7
1962	2515800	844100	398	15.8	4.7	13776	548	163.2
1963	2566900	899400	394	15.3	4.4	14447	563	160.6
1964	2617000	963900	428	16.4	4.4	16266	622	168.8
1965	2663800	1013800	559	21	5.5	17093	642	168.6
1966	2711300	1060200	549	20.2	5.2	18194	671	171.6
1967	2745000	1087600	570	20.8	5.2	17409	634	160.1
1968	2772900	1114700	522	18.8	4.7	17698	638	158.8
1969	2804100	1148700	570	20.3	5	18726	668	163
1970	2852100	1208700	655	23	5.4	20791	729	172
1971	2898500	1272400	677	23.4	5.3	21607	746	169.8
1972	2959700	1349100	713	24.1	5.3	22315	754	165.4
1973	3024900	1438800	843	27.9	5.9	23385	773	162.5
1974	3091900	1515300	676	21.9	4.5	20829	674	137.5
1975	3143700	1574500	628	20	4	19839	631	126
1976	3163400	1631300	609	19.3	3.7	17895	566	109.7
1977	3166400	1642800	702	22.2	4.3	17525	554	106.7
1978	3165200	1675100	654	20.7	3.9	15178	480	90.6
1979	3163900	1732900	554	17.5	3.2	13903	439	80.2
1980	3176400	1789400	599	18.9	3.3	15869	499.6	88.7
1981	3194500	1848600	669	20.9	3.6	15477	484.5	83.7
1982	3226800	1882500	673	20.9	3.6	16192	501.8	86
1983	3264800	1917400	643	19.7	3.4	16482	504.8	86
1984	3293000	1968900	669	20.3	3.4	17538	532.6	89
1985	3303100	1996100	747	22.6	3.7	18898	572.1	94.7
1986	3313500	2010100	766	23.1	3.8	18885	569.9	93.9
1987	3342100	2030600	797	23.8	3.9	18728	560.4	92.2

1988	3345200	2045400	727	21.7	3.6	17362	519	84.8
1989	3369800	2108400	761	22.6	3.6	16624	493.3	78.7
1990	3410400	2197700	730	21.4	3.3	17732	519.9	80.6
1991	3502000	2220100	651	18.6	2.9	16887	482.2	75.5
1992	3539350	2227100	646	18.3	2.9	16152	456.4	72.4
1993	3581150	2243800	600	16.8	2.7	15174	423.7	67.3
1994	3629850	2289300	580	16	2.5	16735	461	72.5
1995	3685200	2354600	582	15.8	2.5	16956	460.1	71.6
1996	3742850	2379800	514	13.7	2.2	14838	396.4	62.2
1997	3788900	2392700	539	14.2	2.3	13468	355.5	55.9
1998	3820200	2440400	501	13.1	2.1	12541	328.3	50.9
1999	3842100	2512300	509	13.2	2	12162	316.5	47.8
2000	3864450	2686650	462	12	1.7	11062	286.3	41.2
2001	3896200	2758652	455	11.7	1.6	12477	320.2	45.2
2002	3962600	2849346	405	10.2	1.4	14063	354.9	49.4
2003	4037450	2969876	461	11.4	1.6	14528	359.8	48.9
2004	4096500	3090258	435	10.6	1.4	14100	344.2	45.6
2005	4143800	3206402	405	9.8	1.3	14654	353.6	45.7
2006	4193750	3284670	393	9.4	1.2	15396	367.1	46.9
2007	4236000	3360618	421	9.9	1.3	16207	382.6	48.2
2008	4273600	3397775	366	8.6	1.1	15358	359.4	45.2
2009	4320350	3393232	384	8.9	1.1	14703	340.3	43.3
2010	4369400	3416155	375	8.6	1.1	14129	323.4	41.4
2011	4402600	3411102	284	6.5	0.8	12677	287.9	37.2
2012	4406500	3462461	308	7	0.9	12220	277.3	35.3
2013	4436000	3548010	253	5.7	0.7	11934	269	33.6
2014	4501100	3677173	292	6.5	0.8	11303	251.1	30.7
2015	4591900	3812751	317	6.9	0.8	12348	268.9	32.4
2016	4695000	3972762	327	7	0.8	12780	272.2	32.2
2017	4796700	4137927	377	7.9	0.9	14037	292.6	33.9
2018	4886100	4266996	378	7.7	0.9	14697	300.8	34.4
2019	4965300	4375406	350	7	0.8	14750	297.1	33.7
2020	5082800	4427328	318	6.3	0.7	12868	253.2	29.1
2021	5107900	4537254	319	6.2	0.7	13258	259.6	29.2
2022	5114900	4595212	371	7.3	0.8	13688	267.6	29.8