

1899.

NEW ZEALAND.

CONSUMPTION OF ARTICLES IN COMMON USE

(TABLE SHOWING RATE OF), PER HEAD OF POPULATION.

Presented to both Houses of the General Assembly by Command of His Excellency.

TABLE showing Consumption, per Head of Population, of ARTICLES in COMMON USE.

Year.	Adult Male Population (including Maoris).	Spirits.				Tobacco.				Cigars, Cigarettes, and Snuff.						
		Gallons.	Per Head.	Rate of Duty. +	Duty. £	£ s. d.	Per Head.	Lb.	Per Head.	Rate of Duty. §	Duty. £	Lb.	Per Head.	Rate of Duty.	Duty. £	£ s. d.
1878	139,354	659,233	4.73	6/12/	392,108	2 16 3	1,064,520	7.64	2/6	133,065	0 19 1	87,396	0.63	5/	21,849	0 3 2
1879	147,313	624,503	4.24	6/7/12/14/	378,754	2 11 5	1,054,730	7.16	2/6, 3/6	135,539	0 18 5	71,025	0.48	5/6/	17,535	0 3 2
1880	152,564	553,404	3.63	7/12/14/	394,136	2 11 8	1,027,280	6.73	3/6	179,777	1 3 7	66,750	0.44	6/	20,025	0 2 8
1881	154,073	571,830	3.71	7/12/14/	400,284	2 12 0	1,063,651	6.90	3/6	186,134	1 4 2	75,636	0.49	6/	22,691	0 2 11
1882	157,686	586,322	3.72	7/12/14/	410,856	2 12 1	1,080,515	6.85	3/6	189,090	1 4 0	91,543	0.58	6/	27,463	0 3 6
1883	162,834	576,058	3.54	12/14/	402,981	2 9 6	1,069,307	6.57	3/6	187,129	1 3 4	92,400	0.57	6/	27,720	0 3 5
1884	167,938	551,763	3.29	12/14/	385,735	2 5 11	1,163,774	6.93	3/6, 1/	203,063	1 4 0	99,777	0.59	6/1/	29,233	0 3 6
1885	170,206	507,812	2.98	12/14/14/6/	361,692	2 2 6	1,198,410	7.04	3/6, 1/	203,161	1 4 6	106,266	0.62	6/1/	30,455	0 3 7
1886	172,180	473,369	2.75	14/6/	343,192	1 19 10	1,144,897	6.65	3/6, 1/	197,378	1 2 11	94,305	0.55	6/1/	28,067	0 3 3
1887	174,907	463,087	2.65	14/6/	335,738	1 18 5	1,138,655	6.51	3/6, 1/	198,152	1 2 8	99,290	0.57	6/1/	30,126	0 3 5
1888	174,355	499,084	2.86*	14/6/15/16/	377,599	2 3 4*	1,149,734	6.59	3/6, 1/	198,856	1 2 10	100,785	0.58	6/1/	34,637	0 3 11
1889	176,968	369,086	2.09	15/16/	281,835	1 11 0	1,157,340	6.54	3/6, 1/	199,617	1 2 4	103,258	0.58	7/1/6/	38,430	0 4 3
1890	182,310	435,075	2.39	15/16/	333,848	1 16 7	1,173,831	6.44	3/6, 1/	203,593	1 2 4	112,640	0.62	7/1/6/	41,745	0 4 7
1891	182,280	442,991	2.43	15/16/	339,758	1 17 3	1,257,082	6.90	3/6, 1/	214,789	1 3 7	127,438	0.73	7/1/6/	44,491	0 4 9
1892	185,070	456,995	2.47	15/16/	351,154	1 17 11	1,244,089	6.72	3/6, 1/	212,998	1 3 0	134,670	0.73	7/1/6/	49,331	0 4 1
1893	193,176	464,195	2.40	15/16/	356,602	1 16 11	1,278,754	6.59	3/6, 1/	218,637	1 2 7 3/4	161,133	0.83	7/1/6/	44,676	0 4 6 1/2
1894	196,005	439,153	2.24	15/16/	337,247	1 14 5	1,261,826	6.44	3/6, 1/	215,222	1 1 11 1/2	143,820	0.73	7/1/6/	50,453	0 5 1 1/2
1895	197,521	435,431	2.20	15/16/	339,795	1 14 5	1,343,420	6.80	3/6, 1/	231,531	1 3 5	..	..	**	59,704	0 5 1 1/2
1896	208,518	451,679	2.17	16/	361,943	1 14 8	1,378,814	6.61	3/6, 1/	237,135	1 2 9 1/2	..	..	..	65,538	0 6 2
1897	212,551	478,136	2.25	16/	382,509	1 16 0	1,418,205	6.67	3/6, 1/	242,291	1 2 9 1/2	..	..	..	71,582	0 6 7
1898	216,431	491,846	2.27	16/	393,478	1 16 4	1,491,543	6.89	3/6, 1/	259,798	1 4 0	..	..	..	..	..

* Includes heavy clearances in view of case spirits being taken at 2, 3, and 4 gallons, instead of actual quantities, on the 1st December, 1898.
 † Alterations in 1898: Spirits in bottle, 16/-; in bulk, 15/-; in 1895: Spirits in bulk and bottle, 15/-.
 ‡ The 1/ and 1/6 rate is for New-Zealand-manufactured spirits.
 § The 1/ rate is for New-Zealand-manufactured tobacco.
 ¶ Cigars and snuff, 7/- and 1/6 per pound; and from 1st January to 20th September, 7/- per pound, and from 21st September to 31st December, 17/6 per 1,000 of 24lb. and under, and 6d. per ounce for weight over 24lb. per 1,000.
 ** Cigars and snuff, 7/- and 1/6 per pound; and 17/6 per 1,000 of 24lb. and under, and 6d. per ounce for weight over 24lb. per 1,000.

Year.	Male and Female Population over Fifteen Years (including Maoris).	Wine.			Ale and Beer.				Year.	Total Population (including Maoris).	Tea.			
		Gallons.	Per Head.	Rate of Duty*.	Duty.	Per Head.	Rate of Duty.†	Duty.			Per Head.			
												Gallons.	Per Head.	Duty.
1878	278,321	194,892	Gal.	4/6,	£	s. d.	Gal.	1/3, 1/	£	s. d.	476,114	2,896,720	lb.	s. d.
1879	296,110	198,657	0.70	4/5, 6/	39,635	2 10	488,252	1.75	29,315	2 1	507,324	4,808,100	6.08	72,418
1880	308,079	152,002	0.67	4/5, 6/	37,748	2 7	492,704	1.66	29,852	2 0	528,439	3,070,880	9.48	80,135
1881	316,439	165,460	0.49	4/5, 6/	37,832	2 5	430,990	1.40	30,024	1 11	545,007	3,887,362	5.80	51,183
1882	327,387	179,048	0.52	4/5, 6/	40,521	2 7	437,784	1.38	32,086	2 0	581,763	3,919,860	7.13	64,789
1883	342,113	166,638	0.54	4/5, 6/	43,780	2 8	437,784	1.29	30,974	1 11	584,975	3,763,080	6.98	65,331
1884	357,104	150,221	0.49	4/5, 6/	40,345	2 4	397,648	1.16	27,291	1 7	608,401	4,391,940	6.48	62,718
1885	374,586	149,788	0.42	4/5, 6/	36,355	2 0	390,234	1.09	28,724	1 7	626,517	4,081,920	7.22	73,199
1886	364,959	128,355	0.41	4/6, 5/6, 6/6	37,978	2 1	432,788	1.16	31,210	1 9	631,214	4,045,500	6.51	68,032
1887	382,797	117,991	0.33	4/6, 5/6, 6/6	32,884	1 9	334,158	0.89	24,606	1 4	645,380	4,815,120	6.40	67,425
1888	385,157	101,170	0.31	4/6, 5/6, 6/6	31,469	1 8	300,093	0.78	22,151	1 2	649,349	4,036,980	7.40	80,252
1889	392,735	107,818	0.26	4/6, 5/6, 9/	28,497	1 6	268,117	0.70	19,946	1 0	662,248	3,696,280	6.22	78,125
1890	398,905	115,091	0.27	5/6, 6/6, 9/	31,643	1 7	274,427	0.70	20,582	1 1	672,750	3,951,480	5.58	92,407
1891	407,590	108,066	0.27	5/6, 6/6, 9/	38,518	1 8	266,147	0.67	19,961	1 0	676,775	4,035,193	5.87	98,787
1892	417,673	111,704	0.29	5/6, 6/6, 9/	31,513	1 7	248,039	0.61	18,603	0 11	692,436	4,088,360	6.00	101,380
1893	430,885	112,116	0.27	5/6, 6/6, 9/	32,607	1 6	261,867	0.62	19,940	0 11	714,258	4,083,840	5.90	102,209
1894	439,198	97,984	0.26	5/6, 6/6, 9/	32,641	1 6	229,960	0.53	17,247	0 9	728,131	4,126,440	5.72	102,096
1895	444,298	98,138	0.22	5/6, 6/6, 9/	28,412	1 3	212,613	0.48	15,946	0 8	740,699	4,472,528	5.67	103,161
1896	479,015	99,473	0.21	5/6, 6/6, 9/	27,102	1 2	201,770	0.45	17,120	0 9	754,016	4,431,480	6.04	94,716
1897	488,472	105,060	0.21	5/6, 6/6, 9/	28,846	1 2	182,080	0.38	18,208	0 9	768,910	4,564,860	6.04	73,858
1898	497,619	107,595	0.22	5/6, 6/6, 9/	30,518	1 2	190,350	0.39	19,085	0 9	783,317	4,720,560	5.88	76,081
1899					31,138	1 3	191,580	0.39	19,158	0 9			6.03	78,676

	1877.	1880.	1885.	1888.		1877.	1880.	1885.	1888.
* Alterations.—					† Alterations.—				
Wine (Australian)	4/	...	4/6	5/	Ale and Beer (Wood) ...	...	1/3	...	1/6
" (Sparkling)	6/	...	6/6	...	(Bottle)	...	1/6	...	2/
" (Other kinds)	4/	...	5/6	6/		...	1/6	...	2/

Year.	Coffee, Cocoa, and Chicory.				Sugar.				Ad Valorem Goods.			
	Total Population (including Maoris).	Lb.	Per Head.	Rate of Duty.	Duty.	Per Head.	Rate of Duty.	Duty.	Per Head.	Duty.	Per Head.	Rate of Duty.
1878	476,114	678,736	1.43	lb.	£ 8,501	0 4 1/2	s. d.	30,768,720	lb.	£ 128,208	5 5	£ s. d.
1879	507,324	657,232	1.30	3/5	8,239	0 4	0 1	41,772,000	82.3	97,025	5 5	0 15 4
1880	528,439	622,016	1.18	3/5	7,802	0 3 1/2	0 0 1/2	36,840,960	69.7	76,752	2 11	0 12 10
1881	545,007	722,752	1.32	3/5	9,052	0 4	0 0 1/2	37,709,280	69.2	78,568	2 10	0 11 5
1882	561,763	720,528	1.28	3/5	9,133	0 3 1/2	0 0 1/2	40,072,320	71.3	83,454	3 0	0 14 2
1883	584,975	571,568	0.98	3/5	7,181	0 3	0 0 1/2	43,956,480	73.1	91,576	3 2	0 15 10
1884	608,401	684,880	1.13	3/5	8,589	0 3 1/2	0 0 1/2	53,014,560	87.1	110,447	3 7	0 13 7
1885	626,517	684,400	1.09	3/5	8,579	0 3 1/2	0 0 1/2	45,293,280	72.3	94,361	3 0	0 11 9
1886	631,214	604,016	0.96	3/5	7,559	0 2 3/4	0 0 1/2	45,237,760	71.7	94,287	3 0	0 12 5
1887	645,330	622,176	0.96	3/5	7,790	0 2 3/4	0 0 1/2	51,363,360	79.5	107,007	3 0	0 10 9
1888	649,349	608,176	0.94	3/5	7,605	0 2 1/2	0 0 1/2	50,132,400	77.3	104,797	3 2 1/2	0 9 0
1889	662,243	495,120	0.75	3/5	6,207	0 2 1/2	0 0 1/2	48,875,040	73.8	102,454	3 1	0 10 1
1890	672,750	583,792	0.87	3/5	7,299	0 2 1/2	0 0 1/2	54,660,480	81.3	113,876	3 4 1/2	0 12 7 1/2
1891	675,775	567,954	0.84	3/5	7,103	0 2 1/2	0 0 1/2	54,508,838	80.7	113,560	3 4 1/2	0 12 8 1/2
1892	692,426	544,800	0.79	3/5	6,820	0 2 1/2	0 0 1/2	58,052,240	83.8	120,963	3 6	0 13 3 1/2
1893	714,258	561,360	0.79	3/5	7,021	0 2 1/2	0 0 1/2	59,508,480	83.3	123,976	3 5 1/2	0 14 5 1/2
1894	728,121	430,864	0.67	3/5	6,145	0 2	0 0 1/2	63,515,040	87.2	132,323	3 7 1/2	0 13 9 1/2
1895	740,699	481,800	0.65	2/3, 3/5	5,677	0 1 3/4	0 0 1/2	65,568,960	88.5	136,602	3 8 1/2	0 11 9 1/2
1896	754,016	524,408	0.70	2/3, 3/5	5,495	0 1 3/4	0 0 1/2	67,395,840	89.4	140,408	3 8 3/4	0 12 1
1897	768,910	544,288	0.70	2/3, 3/5	5,722	0 1 3/4	0 0 1/2	70,799,040	92.0	147,498	3 10	0 14 11
1898	783,317	523,392	0.67	2/3, 3/5	5,463	0 1 3/4	0 0 1/2	73,236,960	93.6	152,702	3 10 3/4	0 16 5 3/4

NOTE.—Total revenue from Customs: 1878, £1,344,944, equal to £2 16s. 6d. per head; 1898, £1,965,018, equal to £2 10s. 2d. per head. Decrease equal to 11.21 per cent.

NEW-ZEALAND-BREWED BEER.

Year.	Male and Female Population over Fifteen Years (including Maoris).	Total Gallons consumed.	Per Head.	Excise Duty per Gallon.	Duty.	Per Head.
1880	308,079	2,438,000	7.9*	s. d.	£ 30,475	1 11 3/4
1881	316,439	4,624,160	14.6	0 3	57,802	3 7 1/2
1882	327,387	4,938,240	15.0	0 3	61,728	3 9 1/2
1883	342,113	4,758,000	13.9	0 3	59,475	3 5 3/4
1884	357,104	4,456,240	12.5	0 3	55,703	3 1 1/2
1885	364,959	4,402,720	12.0	0 3	55,084	3 0
1886	374,586	4,243,760	11.3	0 3	53,047	2 10
1887	382,797	4,264,160	11.1	0 3	53,302	2 9 1/2
1888	385,157	4,050,560	10.5	0 3	50,632	2 7 1/2
1889	392,735	4,402,480	11.2	0 3	55,031	2 11
1890	398,905	4,676,240	11.7	0 3	58,453	2 11
1891	407,590	4,567,955	11.2	0 3	57,099	2 9 1/2
1892	417,673	4,752,720	11.4	0 3	59,409	2 10
1893	430,865	4,878,600	11.3	0 3	60,920	2 10
1894	439,198	4,807,360	10.9	0 3	60,092	2 9
1895	444,298	4,936,400	11.1	0 3	61,705	2 9 1/2
1896	479,015	5,382,960	11.2	0 3	67,287	2 9 1/2
1897	488,472	5,741,200	11.7	0 3	71,765	2 11 1/4
1898	497,619	6,013,120	12.1	0 3	75,164	3 0 1/2

* For six months only. Duty imposed 9th June, 1880.

Department of Trade and Customs,
Wellington, 29th May, 1899.

W. T. GLASGOW,
Secretary and Inspector.

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the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.4 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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$$f_{\text{eff}} = \frac{f_{\text{eff}}^{\text{max}}}{1 + \exp\left(\frac{1}{\alpha} \ln\left(\frac{f_{\text{eff}}^{\text{max}}}{f_{\text{eff}}}\right)\right)}$$

SECRET

13. What are the appropriate risk management strategies for the following risks?

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