

Reference: 20170169

8 June 2017



Thank you for your Official Information Act request, received on 10 May 2017. You requested the following:

“Good afternoon, I have 2 requests for official information under the Official Information Act.

The first of these is the annual saving from now until as far as you have forecasts or long-term fiscal projections of lifting the eligibility age for New Zealand superannuation to the ages of 67, 68 and 70. I have seen charts but not the numbers behind them.

My 2nd request is the annual drawdowns or withdraws from the New Zealand Super Fund that are forecast between now and 2070 for help finance New Zealand Superannuation.

The purpose of my request is to calculate how much of the withdraws from New Zealand super fund would be redundant if the eligibility age of New Zealand super is raised to the ages of 67, 68 or 70.

I am attempting to establish whether the tax is currently paid to New Zealand superannuation fund is designed to reduce the cost of New Zealand super as per the naive public choice of pay-as-you-go versus save as you go Social Security schemes or alternatively underwrite keeping its eligibility age at 65.”

Information Being Released

Please find enclosed the following documents:

Item	Date	Document Description	Decision
1.	8 Dec 2016	NZS expenditure & NZS Fund parameters from 2016 HYEPU	Release in full
2.	8 Dec 2016	Graph NZS expense to GDP	Release in full
3.	8 Dec 2016	Graph Capital NZS contributions & withdrawals	Release in full

I have decided to release the documents listed above.

Please note that this letter (with your personal details removed) and enclosed documents may be published on the Treasury website.

This reply addresses the information you requested. You have the right to ask the Ombudsman to investigate and review my decision.

Yours sincerely

Peter Gardiner
Manager, Modelling and Research

Information for Release

OIA 20170169

1.	NZS expenditure & NZS Fund parameters from 2016 HYEPU	1
2.	Graph NZS expense to GDP	8
3.	Capital NZS contributions & withdrawals	9

New Zealand Superannuation (NZS) expenditure & NZS Fund parameters from 2016 Half Year Economic & Fiscal Update (HYEFU) forecasts and projections
All dollar amounts in units of \$NZ billions

Fiscal Year (Year ended 30 June) →	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
Nominal Gross Domestic Product (GDP)	114.663	122.202	130.012	137.167	147.574	156.759	164.615	175.367
Gross New Zealand Superannuation expenditure								
Age of eligibility remains at 65	5.068	5.273	5.450	5.642	5.889	6.083	6.414	6.810
% of GDP	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.9
Eligibility age rises to 67 between 2035/36 & 2038/39 & stays there	5.068	5.273	5.450	5.642	5.889	6.083	6.414	6.810
% of GDP	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.9
Eligibility age rises to 67 by 2038/39 & extra year every decade to 70	5.068	5.273	5.450	5.642	5.889	6.083	6.414	6.810
% of GDP	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.9
New Zealand Superannuation Fund capital contributions & withdrawals								
Age of eligibility remains at 65	0.000	0.000	0.600	1.200	1.879	2.107	2.337	2.048
% of GDP	0.0	0.0	0.5	0.9	1.3	1.3	1.4	1.2
Eligibility age rises to 67 between 2035/36 & 2038/39 & stays there	0.000	0.000	0.600	1.200	1.879	2.107	2.337	2.048
% of GDP	0.0	0.0	0.5	0.9	1.3	1.3	1.4	1.2
Eligibility age rises to 67 by 2038/39 & extra year every decade to 70	0.000	0.000	0.600	1.200	1.879	2.107	2.337	2.048
% of GDP	0.0	0.0	0.5	0.9	1.3	1.3	1.4	1.2

jections

2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
189.098	189.480	196.697	205.831	215.357	218.822	234.955	241.585	251.785	264.760	279.480	293.391	305.502	317.405	331.194	345.725	360.834
7.348	7.744	8.290	8.830	9.584	10.235	10.913	11.591	12.267	13.040	13.669	14.357	15.188	16.047	16.932	18.105	19.389
3.9	4.1	4.2	4.3	4.5	4.7	4.6	4.8	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.2	5.4
7.348	7.744	8.290	8.830	9.584	10.235	10.913	11.591	12.267	13.040	13.669	14.357	15.188	16.047	16.932	18.105	19.389
3.9	4.1	4.2	4.3	4.5	4.7	4.6	4.8	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.2	5.4
7.348	7.744	8.290	8.830	9.584	10.235	10.913	11.591	12.267	13.040	13.669	14.357	15.188	16.047	16.932	18.105	19.389
3.9	4.1	4.2	4.3	4.5	4.7	4.6	4.8	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.2	5.4
2.104	2.243	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.058	3.121	3.012	2.851
1.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.9	0.8
2.104	2.243	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.193	2.194	2.022	1.796
1.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.6	0.5
2.104	2.243	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.971	1.927	1.708	1.432
1.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5	0.4

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40
376.585	392.860	409.723	427.148	445.115	463.708	482.895	502.743	523.322	544.683	566.916	590.023	614.109	639.184	665.328	692.627
20.750	22.219	23.780	25.408	27.079	28.760	30.491	32.294	34.181	36.164	38.209	40.385	42.607	44.831	47.063	49.281
5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1
20.750	22.219	23.780	25.408	27.079	28.760	30.491	32.294	34.181	36.164	38.209	39.351	40.496	41.621	42.742	44.950
5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.6	6.5	6.4	6.5
20.750	22.219	23.780	25.408	27.079	28.760	30.491	32.294	34.181	36.164	38.209	39.351	40.496	41.621	42.742	44.950
5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.6	6.5	6.4	6.5
2.673	2.444	2.181	1.905	1.636	1.406	1.181	0.946	0.698	0.431	0.179	-0.114	-0.370	-0.552	-0.658	-0.665
0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1
1.550	1.252	0.917	0.567	0.222	-0.087	-0.394	-0.715	-1.054	-1.418	-1.772	-2.172	-1.649	-1.047	-0.339	0.461
0.4	0.3	0.2	0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.3	-0.3	-0.4	-0.3	-0.2	-0.1	0.1
1.135	0.784	0.394	-0.013	-0.417	-0.788	-1.182	-1.592	-2.027	-2.492	-2.954	-3.470	-3.072	-2.602	-2.034	-1.381
0.3	0.2	0.1	0.0	-0.1	-0.2	-0.2	-0.3	-0.4	-0.5	-0.5	-0.6	-0.5	-0.4	-0.3	-0.2

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2040/41	2041/42	2042/43	2043/44	2044/45	2045/46	2046/47	2047/48	2048/49	2049/50	2050/51	2051/52	2052/53	2053/54	2054/55	2055/56
721.067	750.639	781.374	813.301	846.406	880.673	916.178	952.875	990.732	1,029.73	1,069.99	1,111.33	1,153.87	1,197.53	1,242.35	1,288.44
51.485	53.757	56.054	58.485	61.008	63.652	66.431	69.375	72.467	75.736	79.209	82.940	87.010	91.407	96.246	101.505
7.1	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.5	7.5	7.6	7.7	7.9
47.155	49.344	51.512	53.742	55.991	58.376	60.855	63.450	66.181	69.084	72.138	75.371	78.812	82.527	86.604	91.026
6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.9	7.0	7.1
47.155	49.344	51.512	53.742	55.991	58.376	60.855	63.450	66.181	65.870	68.747	71.770	74.980	78.403	82.109	86.185
6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.4	6.4	6.5	6.5	6.5	6.6	6.7
-0.574	-0.454	-0.266	-0.098	0.084	0.257	0.415	0.530	0.616	0.650	0.617	0.460	0.121	-0.395	-1.179	-2.207
-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.2
0.421	0.475	0.629	0.816	1.072	1.299	1.537	1.767	1.970	2.118	2.236	2.291	2.266	2.105	1.734	1.178
0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-1.575	-1.680	-1.692	-1.679	-1.605	-1.570	-1.534	-1.519	-1.540	1.088	1.108	1.082	0.985	0.791	0.444	-0.120
-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2056/57	2057/58	2058/59	2059/60	2060/61	2061/62	2062/63	2063/64	2064/65	2065/66	2066/67	2067/68	2068/69	2069/70	2070/71	2071/72
1,335.85	1,384.59	1,435.00	1,487.01	1,540.70	1,596.26	1,653.89	1,713.64	1,775.70	1,840.07	1,906.94	1,976.55	2,048.66	2,123.65	2,201.30	2,281.65
106.976	112.701	118.568	124.679	130.975	137.395	143.917	150.520	157.482	164.560	171.650	179.001	186.742	194.756	203.208	212.288
8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.3
95.914	101.249	106.809	112.639	118.609	124.836	131.262	137.807	144.452	151.186	158.283	165.486	172.675	180.117	187.946	196.020
7.2	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6
90.618	95.527	100.903	100.403	106.044	111.969	118.043	124.381	130.922	137.590	144.346	151.178	158.375	158.109	165.405	172.629
6.8	6.9	7.0	6.8	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.6	7.7	7.4	7.5	7.6
-3.297	-4.484	-5.650	-6.884	-8.130	-9.324	-10.431	-11.429	-12.540	-13.554	-14.371	-15.182	-16.109	-17.028	-18.088	-19.447
-0.2	-0.3	-0.4	-0.5	-0.5	-0.6	-0.6	-0.7	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9
0.335	-0.774	-1.940	-3.205	-4.453	-5.771	-7.097	-8.356	-9.523	-10.583	-11.758	-12.809	-13.652	-14.485	-15.433	-16.371
0.0	-0.1	-0.1	-0.2	-0.3	-0.4	-0.4	-0.5	-0.5	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7
-0.889	-1.960	-3.305	0.433	-0.896	-2.331	-3.745	-5.232	-6.730	-8.172	-9.513	-10.728	-12.074	-6.913	-7.951	-8.734
-0.1	-0.1	-0.2	0.0	-0.1	-0.1	-0.2	-0.3	-0.4	-0.4	-0.5	-0.5	-0.6	-0.3	-0.4	-0.4

RELEASED UNDER THE
 OFFICIAL INFORMATION ACT

2072/73	2073/74	2074/75	2075/76	2076/77	2077/78	2078/79	2079/80	2080/81	2081/82	2082/83	2083/84	2084/85	2085/86	2086/87	2087/88
2,365.05	2,451.29	2,540.80	2,633.42	2,729.49	2,828.99	2,932.09	3,039.02	3,149.49	3,263.74	3,381.82	3,503.80	3,629.72	3,759.99	3,894.71	4,033.82
221.975	232.007	242.488	253.164	264.018	275.072	286.173	297.504	309.071	321.029	333.451	346.381	359.813	373.782	388.318	403.433
9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	10.0	10.0
204.504	213.609	223.297	233.290	243.700	254.247	264.928	275.754	286.590	297.631	308.880	320.554	332.723	345.430	358.730	372.639
8.6	8.7	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2
180.057	187.825	195.775	204.088	212.977	222.422	232.094	242.139	252.251	262.443	272.742	283.019	293.514	304.251	315.490	327.334
7.6	7.7	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1
-21.059	-22.717	-24.48	-26.13	-27.63	-29.01	-30.12	-31.08	-31.93	-32.78	-33.68	-34.66	-35.72	-36.84	-38.04	-39.33
-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
-17.413	-18.752	-20.32	-21.90	-23.55	-25.05	-26.36	-27.49	-28.33	-29.04	-29.60	-30.20	-30.89	-31.67	-32.59	-33.65
-0.7	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.8
-9.473	-10.295	-11.04	-11.86	-12.92	-14.21	-15.42	-16.68	-17.73	-18.56	-19.21	-19.55	-19.78	-19.89	-20.09	-20.48
-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2088/89	2089/90	2090/91	2091/92	2092/93	2093/94	2094/95	2095/96	2096/97	2097/98	2098/99	2099/00
4,177.78	4,326.29	4,480.18	4,639.36	4,804.60	4,975.69	5,152.91	5,336.78	5,527.40	5,725.16	5,930.23	6,142.85
419.163	435.566	452.635	470.420	488.943	508.205	528.216	548.962	570.465	592.709	615.710	639.478
10.0	10.1	10.1	10.1	10.2	10.2	10.3	10.3	10.3	10.4	10.4	10.4
387.179	402.407	418.312	434.944	452.323	470.443	489.311	508.896	529.217	550.231	571.938	594.338
9.3	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.7
339.834	353.056	366.996	381.693	397.151	413.371	430.359	448.064	466.509	485.632	505.415	525.833
8.1	8.2	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.6
-40.71	-42.24	-43.86	-45.60	-47.43	-49.35	-51.35	-53.38	-55.44	-57.48	-59.49	-61.47
-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
-34.83	-36.22	-37.73	-39.41	-41.21	-43.16	-45.22	-47.33	-49.49	-51.64	-53.75	-55.82
-0.8	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
-21.05	-21.90	-22.95	-24.25	-25.74	-27.43	-29.31	-31.30	-33.41	-35.56	-37.71	-39.83
-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6

RELEASED UNDER THE OFFICIAL INFORMATION ACT



