OECD 2023 data ASMR

31 12 2023 updated by OECD and accessed on 31 12 2023

https://stats.oecd.org/index.aspx?queryid=24879#

Year: 2023 **Gender:** Total **Age:** Total

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	606.2	21	555.8	30.7	406.6	17	1 110	18.3
2	407.4	14.2	265.8	14.3	231.4	9.5	1 016	16.6
3	478.4	16.8	55.4	3.1	-77.8	-3.2	862	14.2
4	377.4	13.3	27.8	1.6	-98.4	-4.1	699	11.7
5	558	19.9	-46.8	-2.6	-130	-5.2	832	14.4
6	358.4	12.6	-155	-8.4	-156.4	-6.3	1 024	17.7
7	462.2	16.4	-41.8	-2.3	-112.6	-4.5	790	13.7
8	345.2	12	51.8	2.8	-190.8	-7.7	684	12
9	430	15	35.8	2	-220.8	-8.7	1 004	17.8
10	463.4	16	95.2	5.4	-50.8	-2.1	821	14.5
11	561.8	19.8	101.2	5.9	-40.6	-1.7	952	17.2
12	445.4	15.5	159.6	10	-69.2	-3	876	15.9
13	398.4	13.8	48.8	3	12.2	0.5	956	17.5

Year: 2023 **Gender:** Total **Age:** 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

Year: 2023 **Gender:** Total **Age:** 45 to 64

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	3.6	0.9	23.6	11.9	-1.6	-0.6	35	3.8
2	-24	-5.9	21.8	10.7	-8.4	-2.9	87	10
3	-9.2	-2.4	-29.6	-14.3	-0.2	-0.1	118	14
4	33.4	8.5	9	4.6	-47.8	-16.2	4	0.5
5	19.2	5	13.2	6.5	-21.2	-7.4	107	13.1
6	-31.8	-7.9	-36.4	-16.8	1.2	0.4	79	9.3
7	9.6	2.4	-28.6	-13.9	-34	-11.5	-16	-1.9
8	37.6	9.6	22.4	11.1	-26	-9.5	-2	-0.2
9	12.4	3.1	0.6	0.3	-65.2	-20.9	50	6
10	-7.2	-1.8	13	6.6	-36.2	-12.8	-15	-1.8
11	28.4	7.5	-12.8	-6.4	-39.8	-15	65	7.9
12	21.4	5.5	26.2	13	-53.2	-18.1	76	9.5
13	0.8	0.2	-12.6	-6.3	-18.6	-6.8	47	5.6
14	35.2	8.8	-5.6	-2.9	-26.8	-9.9	109	13.4

= Marginally Higher in 65+ (> 1 %)

Left table

→ Year	2023							
→ Gender	Total							
→ Age	Total							
→ Country	Australia		Austria		Belgium		Canada	
→ Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→ Week number								
1	606.2	21	555.8	30.7	406.6	17	1 110	18.3
2	407.4	14.2	265.8	14.3	231.4	9.5	1 016	16.6
3	478.4	16.8	55.4	3.1	-77.8	-3.2	862	14.2
4	377.4	13.3	27.8	1.6	-98.4	-4.1	699	11.7
5	558	19.9	-46.8	-2.6	-130	-5.2	832	14.4
6	358.4	12.6	-155	-8.4	-156.4	-6.3	1 024	17.7
7	462.2	16.4	-41.8	-2.3	-112.6	-4.5	790	13.7
8	345.2	12	51.8	2.8	-190.8	-7.7	684	12
9	430	15	35.8	2	-220.8	-8.7	1 004	17.8
10	463.4	16	95.2	5.4	-50.8	-2.1	821	14.5
11	561.8	19.8	101.2	5.9	-40.6	-1.7	952	17.2
12	445.4	15.5	159.6	10	-69.2	-3	876	15.9
13	398.4	13.8	48.8	3	12.2	0.5	956	17.5

Right table

→ Year	2023							
→ Gender	Total							
→ Age	65 and over							
→ Country	Australia		Austria		Belgium		Canada	
→ Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→ Week number								
1	607	26.1	519.8	33.1	418.2	20.5	989	20.3
2	449.8	19.4	226.4	14	228.6	11	825	16.5
3	500.6	21.8	83.2	5.4	-80	-3.9	639	12.9
4	350.6	15.4	5	0.3	-51	-2.5	605	12.4
5	501.8	22	-45.2	-2.9	-108.2	-5	627	13.4
6	403	17.6	-118.2	-7.5	-153.6	-7.2	793	16.9
7	444	19.6	-2	-0.1	-74.8	-3.5	688	14.8
8	328.2	14.1	23.8	1.5	-148.2	-6.9	605	13.2
9	430.6	18.7	29.2	1.9	-147.8	-6.8	826	18.2
10	485.2	20.8	80.6	5.3	-12.6	-0.6	720	15.8
11	534.2	23.2	114.6	7.8	0.8	0	779	17.4
12	426.8	18.3	130.6	9.6	-3.8	-0.2	683	15.3
13	382.2	16.2	71.4	5.1	33.4	1.8	741	16.9
14	297.6	12.6	113.4	8.4	7.6	0.4	645	14.8
15								

Up to 17% (week 13: 69 % increase) of all excess deaths per week in the 0-44 age group but generally deaths in <45 age group are less than 10% of the total absolute number of deaths

Left table — Year: 2023, Gender: Total, Age: Total

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	606.2	21	555.8	30.7	406.6	17	1 110	18.3
2	407.4	14.2	265.8	14.3	231.4	9.5	1 016	16.6
3	478.4	16.8	55.4	3.1	-77.8	-3.2	862	14.2
4	377.4	13.3	27.8	1.6	-98.4	-4.1	699	11.7
5	558	19.9	-46.8	-2.6	-130	-5.2	832	14.4
6	358.4	12.6	-155	-8.4	-156.4	-6.3	1 024	17.7
7	462.2	16.4	-41.8	-2.3	-112.6	-4.5	790	13.7
8	345.2	12	51.8	2.8	-190.8	-7.7	684	12
9	430	15	35.8	2	-220.8	-8.7	1 004	17.8
10	463.4	16	95.2	5.4	-50.8	-2.1	821	14.5
11	561.8	19.8	101.2	5.9	-40.6	-1.7	952	17.2
12	445.4	15.5	159.6	10	-69.2	-3	876	15.9
13	398.4	13.8	48.8	3	12.2	0.5	956	17.5

Right table — Year: 2023, Gender: Total, Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

Increased EACM % in the <45 years of age affects both sexes

Year: 2023 · **Gender:** Total · **Age:** 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

Year: 2023 · **Gender:** Males · **Age:** 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-11	-10.5	13.4	56.8	-8.2	-18.1	42	24.3
2	-27.6	-26.9	9.8	38.9	11.4	32.9	66	(42.9)
3	-20.4	-19.5	0.6	2.1	4.2	11.1	64	38.6
4	-13.4	-13.2	15.4	60.2	1	2.6	76	(46.3)
5	24.2	26.9	-6.2	-20.5	-2.4	-5.3	42	24.3
6	4	4.2	0.2	0.7	-1.4	-3.6	102	(66.7)
7	12.8	12.5	-3.8	-14.2	-0.4	-0.9	74	46
8	-22.6	-20.8	7.6	29.9	-9.8	-23.4	44	26.5
9	-8.6	-8.1	6.2	23.1	-6.6	-14.5	66	39.1
10	-6.6	-6.4	-2.2	-8.7	-1.4	-3.2	75	46.9
11	-6.8	-6.5	1.2	5	-16.6	-39	57	33.9
12	10.6	11.1	3	12.5	2.4	5.6	84	(49.1)
13	11.2	11.8	-1.2	-4.3	-3	-8.8	106	66.7
14	17	17.9	-0.6	-2	4.2	10.3	73	(45.1)

Year: 2023 · **Gender:** Females · **Age:** 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	6.6	11.5	-1	-5.9	-1.8	-7	44	(43.6)
2	9.2	18.9	7.8	63.9	-0.2	-0.8	26	27.7
3	7.4	14.9	1.2	10.2	-1.8	-7.9	36	38.3
4	6.8	11.7	-1.6	-11	-0.6	-2.7	4	4.4
5	13	25.5	-8.6	-48.9	1.8	7.4	52	(55.9)
6	-16.8	-31.8	-0.6	-3.6	-2.6	-11	37	42
7	-4.2	-8	-7.4	-55.2	-3.4	-13.9	38	43.7
8	2	3.5	-2	-11.1	-6.8	-25.4	35	(38.9)
9	-4.4	-8.6	-0.2	-1.1	-1.2	-5.2	53	(57.6)
10	-8	-13.6	3.8	22.1	-0.6	-2.8	43	44.3
11	6	11.5	-1.8	-12.2	15	75	41	(48.8)
12	-13.4	-23.8	-0.2	-1.5	-14.6	-52.9	32	36.4
13	4.2	8.6	-8.8	-46.8	0.4	2	60	75
14	5.4	10.1	0.4	3.2	-0.6	-3.2	26	27.7

○ = more than 5 % difference

Left table — Age: Total

Year	2023							
Gender	Total							
Age	Total							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
14	355.2	12.2	107.6	6.8	-15.6	-0.7	848	15.7
15	518	17.6	135.6	8.8	-13.2	-0.6	990	18.6
16	566.8	19.2	207.4	13.6	-11.4	-0.6	904	17
17	544.2	18.5	172.8	11.8	-68.2	-3.4	1 093	20.7
18	536.2	18	123	8.4	-42.2	-2.1	899	17
19	654.4	21.1	179	12.4	40.8	2	964	18.5
20	694.6	22.4	64	4.4	57.8	2.9	824	16.2
21	645	20.3	117	8.2	-47.2	-2.4	724	14.4
22	723.8	22.7	110.4	7.8	3.6	0.2	1 104	22.2
23	436.8	13.4	68.6	4.9	237	12.6	768	15.6
24	404.8	12.6	87.8	6.1	273.4	14.7	1 001	20.3
25	590.4	18.2	172.8	12.3	-1.6	-0.1	985	20.2
26	441	13.4	7.2	0.5	20	1.1	853	17.4
27	423.4	12.6	86.6	6	-89.2	-4.4	794	16.1
28	337.2	10.1	162.6	11.8	106.2	5.7	831	17
29	266	7.7	73.2	5	-153.8	-8.1	729	15.2
30	250.4	7.2	-39	-2.6	-144.8	-7.3	807	16.6
31	187.4	5.5	-78.2	-5.2	-113.4	-6	595	12.3
32	146	4.2	118.8	8.3	30.6	1.6	603	12.4
33	137.6	3.9	89.2	6.1	93.8	5.1	458	9.5
34	-40.6	-1.2	178	12.4	46.2	2.4	..	..
35	..	..	-20.8	-1.5	-84	-4.4	..	..
36	..	..	151.2	11	165	8.9	..	..

Right table — Age: 0 to 44

Year	2023							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7
15	1	0.7	3	7.3	-4.6	-7.5	133	56.1
16	-2.6	-1.7	2.2	5	-3.4	-5.4	74	28.4
17	-16	-10.3	1.6	3.9	-9.4	-15.8	128	50.8
18	-29	-19.5	0.6	1.6	-10	-16.1	110	42.3
19	8.4	6	-0.8	-1.8	2.8	4.2	119	48.4
20	-13.8	-9.3	9.2	23.7	-5	-8.2	107	43.1
21	2	1.3	-6.6	-14.5	-7.8	-13.3	92	35
22	-5	-3.3	-2.8	-7	2.4	4.2	150	58.8
23	-19.4	-12.2	-13	-28.9	13.6	27	122	46.4
24	-18.8	-12.1	-6.2	-14.7	-9.6	-14.9	142	56.1
25	-5.4	-3.6	-1.4	-3.3	-5	-8.1	83	31.7
26	11.8	7.8	-4.6	-10.6	-10.8	-16.7	151	56.1
27	-28.4	-18.6	3.4	8	-18.4	-25.4	72	25.4
28	18.2	12.1	5	11.9	-5.4	-9.1	173	63.6
29	-4.8	-3.1	13.6	33.7	1.8	2.8	126	49.6
30	7.8	5.3	-0.6	-1.6	-26.4	-38	150	56.6
31	16.4	11.1	3.6	9.4	5.4	9.2	..	..
32	-7.4	-4.7	11	30.6	-2.4	-4.2	..	..
33	-26.8	-17	12	27.9	-14.6	-22.6	..	..
34	-29.8	-17.9	-1.2	-2.7	-7.2	-11.2	..	..
35	..	..	6.2	14.8	-5.8	-9.2	..	..
36	..	..	8.8	21.9	-4.4	-7.7	..	..

Unclear why data for <45 years of age not provided for weeks 31 to 33.

2023

Year	2023							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

2023 30-69% increase

2022

Year	2022							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	7.6	4.7	5.4	13.3	-13	-18.3	82	30
2	8.6	5.7	7.6	20.3	-13.8	-23.1	73	29.6
3	-3	-1.9	-5.2	-12.9	-7.6	-12.5	89	34.1
4	-20.6	-12.9	0.8	2	-6.6	-10.9	100	39.2
5	35.2	25	-9.8	-20.5	1.4	2	41	15.5
6	-14.8	-9.9	-2.4	-5.2	-1	-1.6	89	36.9
7	-8.4	-5.4	15.8	39.3	-19.8	-28.8	82	33.1
8	-22.6	-13.6	2.6	6	0.4	0.6	87	33.7
9	-8	-5.1	-3	-6.7	-2.8	-4.1	40	15.4
10	-1.6	-1	-1.4	-3.3	-10	-15.4	61	23.6
11	-4.8	-3.1	10.4	26.9	-3.6	-5.8	53	21
12	11.2	7.4	6.8	18.3	3.8	5.4	61	23.6
13	24.4	17	0	0	5.4	10.1	100	41.7

2022 15-42 % increase

2021

Year	2021							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	-9.4	-5.8	2.4	5.9	-31	-43.7	42	15.4
2	-3.4	-2.2	-5.4	-14.4	-7.8	-13	43	17.4
3	7	4.5	3.8	9.5	-5.6	-9.2	69	26.4
4	1.4	0.9	-1.2	-3	5.4	8.9	90	35.3
5	9.2	6.5	-6.8	-14.2	-11.6	-16.7	56	21.2
6	1.2	0.8	-3.4	-7.3	-4	-6.3	49	20.3
7	-3.4	-2.2	4.8	11.9	-8.8	-12.8	82	33.1
8	-25.6	-15.5	0.6	1.4	-25.6	-37.3	17	6.6
9	-29	-18.4	4	8.9	-17.8	-25.9	80	30.8
10	-27.6	-17.1	-3.4	-8	-9	-13.8	51	19.7
11	2.2	1.4	-5.6	-14.5	5.4	8.6	68	27
12	-19.8	-13	-2.2	-5.9	-15.2	-21.7	31	12
13	-17.6	-12.3	-5	-10.6	12.4	23.1	60	25

2021 7-35% increase

2020

Year	2020							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	8.6	5.3	-9.6	-23.6	-12	-16.9	7	2.6
2	-22.4	-14.8	-3.4	-9.1	1.2	2	33	13.4
3	-6	-3.9	5.8	14.4	-11.6	-19.1	4	1.5
4	-12.6	-7.9	7.8	19.4	11.4	18.8	5	2
5	11.2	8	4.2	8.8	8.4	12.1	-9	-3.4
6	-10.8	-7.3	-14.4	-31	-7	-11.1	24	10
7	-23.4	-15.2	-2.2	-5.5	-5.8	-8.4	12	4.8
8	-21.6	-13	-7.4	-17.1	3.4	5	-13	-5
9	6	3.8	4	8.9	-9.8	-14.2	30	11.5
10	-6.6	-4.1	0.6	1.4	-11	-16.9	6	2.3
11	-10.8	-6.9	11.4	29.5	-3.6	-5.8	48	19
12	-11.8	-7.8	9.8	26.3	8.8	12.5	16	6.2
13	6.4	4.5	1	2.1	-3.6	-6.7	45	18.8

2020 -5 to 19% increase

Age 0 to 44 years old

Year	2021							
Gender	Total							
Age	65 and over							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	136	5.9	152.8	9.7	135.2	6.6	694	14.2
2	64.8	2.8	95.4	5.9	9.6	0.5	575	11.5
3	262.6	11.4	227.2	14.8	51	2.5	564	11.3
4	139.6	6.1	188	12.4	36	1.7	555	11.4
5	262.8	11.5	42.8	2.7	-173.2	-8	562	12
6	151	6.6	-79.2	-5	-197.6	-9.2	283	6
7	139	6.1	-90	-5.7	-147.8	-6.8	258	5.5
8	180.2	7.7	-164.2	-10.4	-300.2	-14	270	5.9
9	242.6	10.5	-229.8	-14.7	-409.8	-18.9	221	4.9
10	251.2	10.8	-11.4	-0.8	-240.6	-11.4	120	2.6
11	241.2	10.5	-31.4	-2.1	-237.2	-11.8	29	0.6
12	192.8	8.3	47.6	3.5	-134.8	-6.9	123	2.8
13	189.2	8	109.4	7.8	-66.6	-3.5	146	3.3
14	118.6	5	69.4	5.1	60.6	3.4	315	7.2
15	282.6	11.7	112.6	8.5	82.6	4.7	299	7
16	281.2	11.7	136.4	10.6	150.6	8.7	254	5.9
17	329	13.8	168.4	13.5	138	8.1	500	11.9
18	344	14.1	176.8	14.1	180.2	10.6	430	10.2
19	249.4	9.7	126.8	10.5	65.6	3.9	409	9.8
20	292	11.4	83.8	6.8	58.2	3.5	562	13.8
21	358.4	13.8	57	4.8	55.4	3.4	178	4.5
22	180.6	6.9	145.8	12.2	37	2.3	497	12.6
23	294.2	11	126.6	10.6	1.4	0.1	356	9.2
24	289.6	10.9	145.6	12	98.2	6.3	425	11
25	184.4	6.9	216	18.4	-114.6	-7.1	372	9.7
26	209.4	7.7	82.2	7	17.2	1.1	1 001	26
27	197.4	7.1	36.4	3	-185.2	-11	356	9.3
28	283.6	10.2	58.6	5	49	3.2	415	10.8
29	186.6	6.5	84	6.8	80.6	5.1	495	13.1
30	204	7	43.2	3.4	-61	-3.7	556	14.6
31	61.4	2.2	-42.4	-3.3	29.8	1.9	546	14.4
32	24.6	0.9	187	15.6	18.4	1.2	440	11.5
33	34.6	1.2	106.6	8.7	33.4	2.2	754	19.8
34	-15.4	-0.5	143	11.9	-30	-1.9	644	16.9
35	21.8	0.7	113	9.5	40.8	2.6	748	19.4
36	11.4	0.4	247.8	21.5	171.2	11.2	944	24.3
37	153.8	5.5	131.4	10.9	30	1.9	894	22.9
38	62.4	2.3	129.8	10.8	17.6	1.1	858	21.9
39	341.8	13	173.4	13.9	50.2	3.1	760	18.8
40	161.8	6.2	91.6	7.2	87.6	5.3	640	15.6
41	165.8	6.4	109.4	8.4	196.4	11.6	792	19
42	281	11.1	204.8	15.9	311.8	18.3	704	16.5
43	290.6	11.8	357	28.1	321.8	19.1	614	14.4

Annotations:
- >14%
- About 50% 2nd dose
- 2 weeks to develop IgG1/2 to spike protein
- About 10 days to die

In the 65 plus, increased EACM in 2021 correlates with four weeks (week 30) after the second Pfizer mRNA COVID-19 shot (week 26). Interval (excluding 80 +) between 1st and second dose about 86 days (86/56 days or about 1.5 longer to clear spike protein than the <45 year olds).

Figure 4. Cumulative percent of people who have received at least 1 dose of a COVID-19 vaccine in Canada by age group and report week, November 6, 2022

Hover over or select a portion of the line graph to see the cumulative number or percent of people vaccinated by age group and report week. Click on a legend element to add or remove the corresponding lines from the graph.
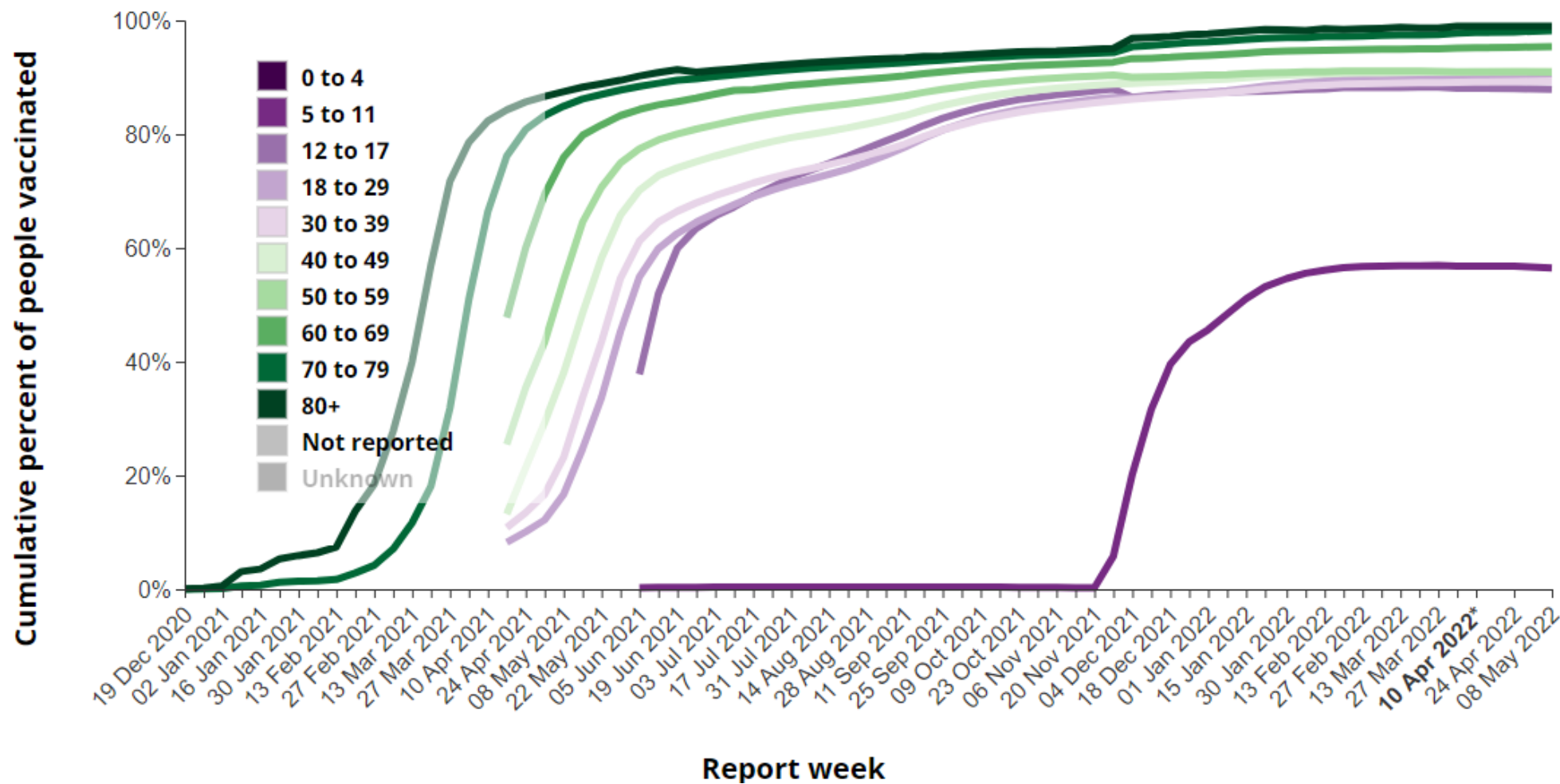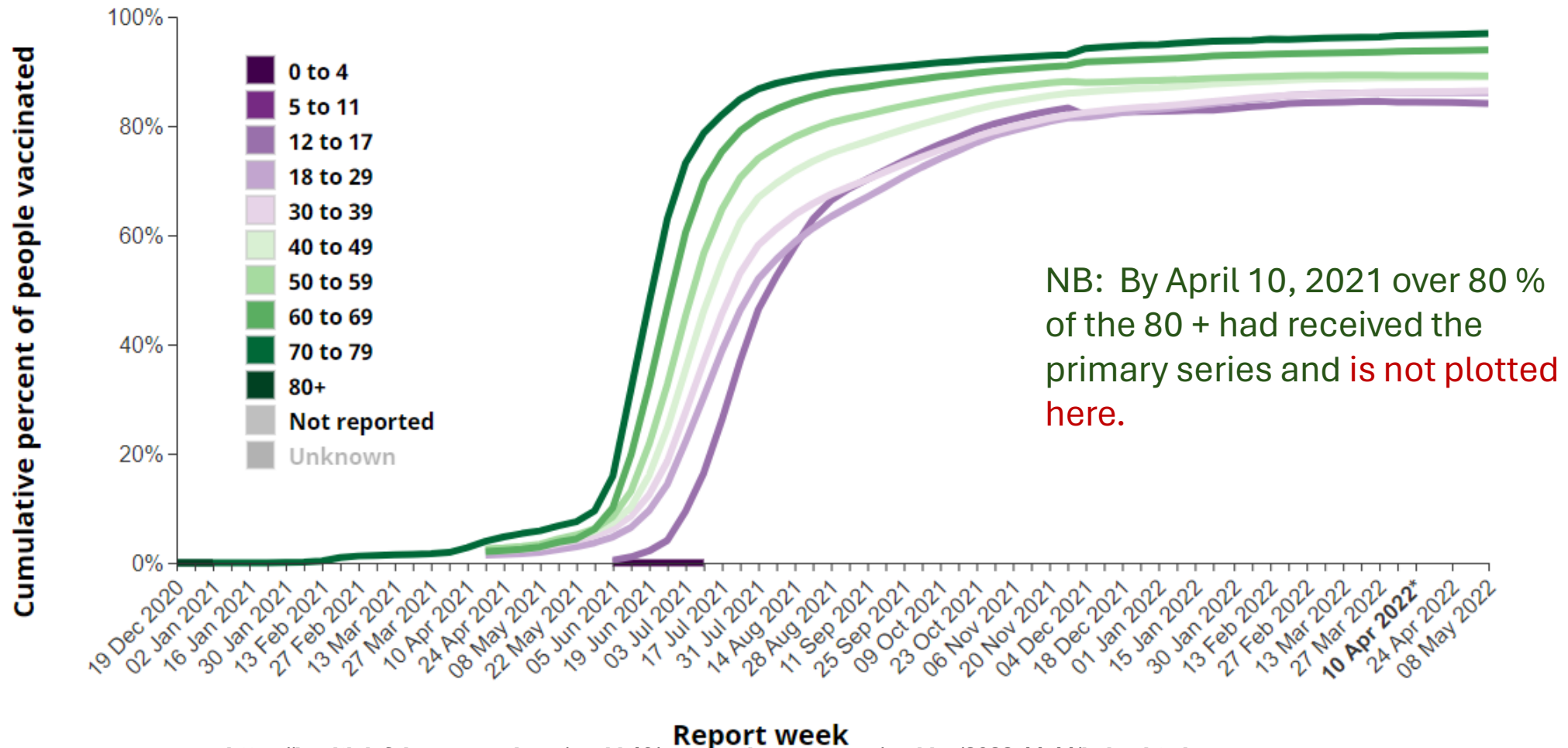
https://health-infobase.canada.ca/covid-19/vaccination-coverage/archive/2022-11-11/index.html

Figure 4. [Cumulative percent ⌄] of [people ⌄] who have completed the [primary series ⌄] with a COVID-19 vaccine in [Canada ⌄] by age group and report week, November 6, 2022

⬇ Access the data

ⓘ Hover over or select a portion of the line graph to see the cumulative number or percent of people vaccinated by age group and report week. Click on a legend element to add or remove the corresponding lines from the graph.

Legend:
- 0 to 4
- 5 to 11
- 12 to 17
- 18 to 29
- 30 to 39
- 40 to 49
- 50 to 59
- 60 to 69
- 70 to 79
- 80+
- Not reported
- Unknown

y-axis: Cumulative percent of people vaccinated (0% to 100%)

x-axis: Report week (19 Dec 2020 to 08 May 2022)

NB: By April 10, 2021 over 80 % of the 80 + had received the primary series and is not plotted here.

https://health-infobase.canada.ca/covid-19/vaccination-coverage/archive/2022-11-11/index.html

Year	2021							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	-9.4	-5.8	2.4	5.9	-31	-43.7	42	15.4
2	-3.4	-2.2	-5.4	-14.4	-7.8	-13	43	17.4
3	7	4.5	3.8	9.5	-5.6	-9.2	69	26.4
4	1.4	0.9	-1.2	-3	5.4	8.9	90	35.3
5	9.2	6.5	-6.8	-14.2	-11.6	-16.7	56	21.2
6	1.2	0.8	-3.4	-7.3	-4	-6.3	49	20.3
7	-3.4	-2.2	4.8	11.9	-8.8	-12.8	83	33.1
8	-25.6	-15.5	0.6	1.4	-25.6	-37.3	17	6.6
9	-29	-18.4	4	8.9	-17.8	-25.9	80	30.8
10	-27.6	-17.1	-3.4	-8	-9	-13.8	51	19.7
11	2.2	1.4	-5.6	-14.5	5.4	8.6	68	27
12	-19.8	-13	-2.2	-5.9	-15.2	-21.7	31	12
13	-17.6	-12.3	-5	-10.6	12.4	23.1	60	25
14	-21.6	-14.5	-5.2	-12.3	-9.4	-15.8	76	29.9
15	18	12.6	2	4.9	-15.6	-25.3	43	18.1
16	-9.6	-6.4	-10.8	-24.7	7.6	12	44	16.9
17	5	3.2	10.6	25.6	16.6	27.9	103	40.9
18	-5	-3.4	-12.4	-32.3	9	14.5	70	26.9
19	1.4	1	8.2	18.7	-11.2	-16.9	64	26
20	1.2	0.8	-0.8	-2.1	-7	-11.5	92	37.1
21	-15	-10.1	-8.6	-18.9	4.2	7.1	72	27.4
22	-6	-3.9	1.2	3	5.4	9.5	116	45.1
23	-20.4	-12.9	-2	-4.4	14.6	29	22	8.4
24	-5.8	-3.7	5.8	13.7	-7.6	-11.8	77	30.4
25	2.6	1.7	12.6	29.7	4	6.5	63	24
26	12.8	8.5	-0.6	-1.4	8.2	12.7	76	28.3
27	15.6	10.2	-0.6	-1.4	-0.4	-0.6	57	20.1
28	-23.8	-15.9	6	14.3	12.6	21.2	53	19.5
29	21.2	13.9	2.6	6.4	5.8	9.2	66	26
30	-0.2	-0.1	6.4	17.5	-0.4	-0.6	80	30.2
31	0.4	0.3	-0.4	-1	-7.6	-13	69	25.5
32	-13.4	-8.6	7	19.4	2.6	4.5	107	39.9
33	1.2	0.8	-2	-4.7	-16.6	-25.7	77	28.7
34	-32.8	-19.7	1.8	4.1	0.8	1.2	111	44.6
35	-1.4	-0.9	2.2	5.3	-4.8	-7.6	89	34.8
36	-33.2	-20.3	2.8	7	6.6	11.5	95	35.2
37	-14.2	-9.2	-2	-4.8	11.8	20.6	76	31.1
38	-11.6	-7.9	-1.6	-3.6	-0.4	-0.6	76	29.9
39	-23	-14.5	-4.2	-9.3	-7.8	-12.6	83	31.7
40	10.6	6.9	4.6	11.1	-1.2	-1.9	115	44.2
41	4.2	2.7	-7	-16.7	-4.8	-7.6	74	29.5
42	-11.2	-7.6	8.8	25.7	-0.2	-0.4	98	40.5
43	11	7.2	7.8	19.9	6	10.5	86	34.5

Around July 3, 2021 (week 26) about 40% of the 30-49 that became vaccinated (80% of the total) had completed the primary series. It started around April 17, 2021 (week 14) but the 40% mark for the first dose was reached about May 8, 2021 (week 16) (average interval between 1st and 2nd dose was about 56 days). We see a consistent increase in EACM around week 30 **or about 4 weeks later**.

Not able to access data beyond week 43

In the 0- 44 years of age, increased EACM in 2021 correlates with four weeks (week 30) after the second Pfizer mRNA COVID-19 shot (week 26). Interval between 1st and second dose about 56 days.

At least 1 dose

Total population	5 years and older	0 to 4 years
83.1% (32,355,994)	**86.9%** (32,199,678)	**7.3%** (137,863)

Primary series completed.[a]

Total population	5 years and older	0 to 4 years
80.4% (24,302,196)	**84.3%** (24,251,091)	**2.4%** (45,376)

In last 6 months, primary series completed or booster dose received [b]

Total population	5 years and older
20.0% (7,741,196)	**20.8%** (7,687,606)

Booster dose received since August 1, 2022 [b]

Total population	5 years and older
14.8% (5,730,313)	**15.5%** (5,724,403)

[a] These estimates, except for those aged 0 to 4 years, exclude Quebec from August 14, 2022, onwards due to changes in Quebec's vaccination status categories.
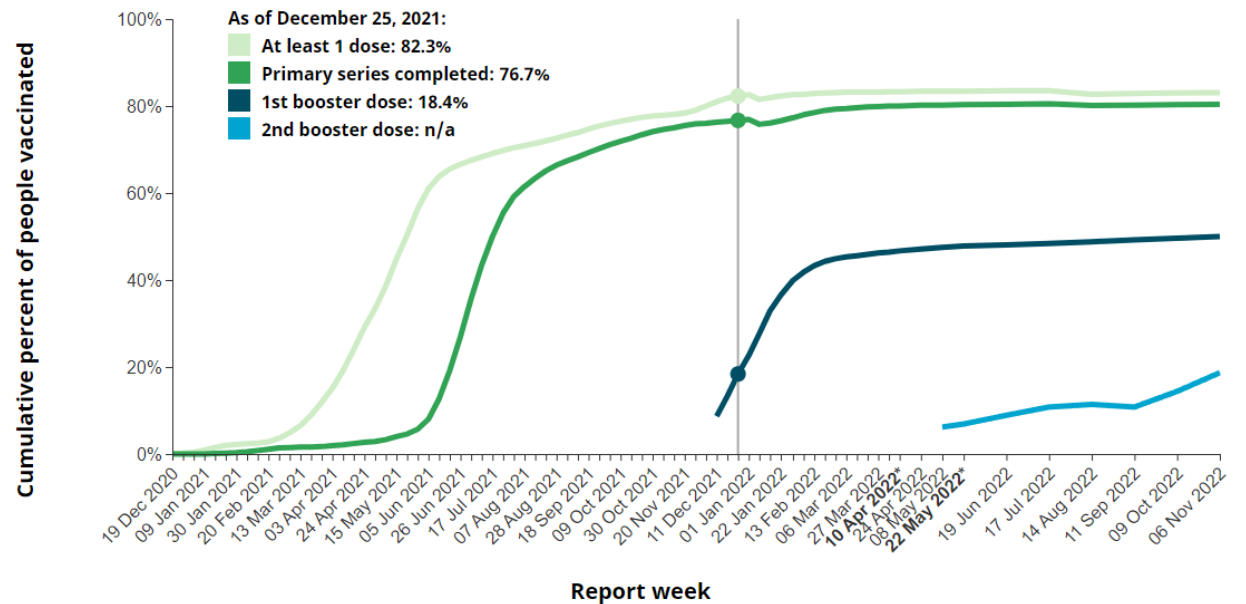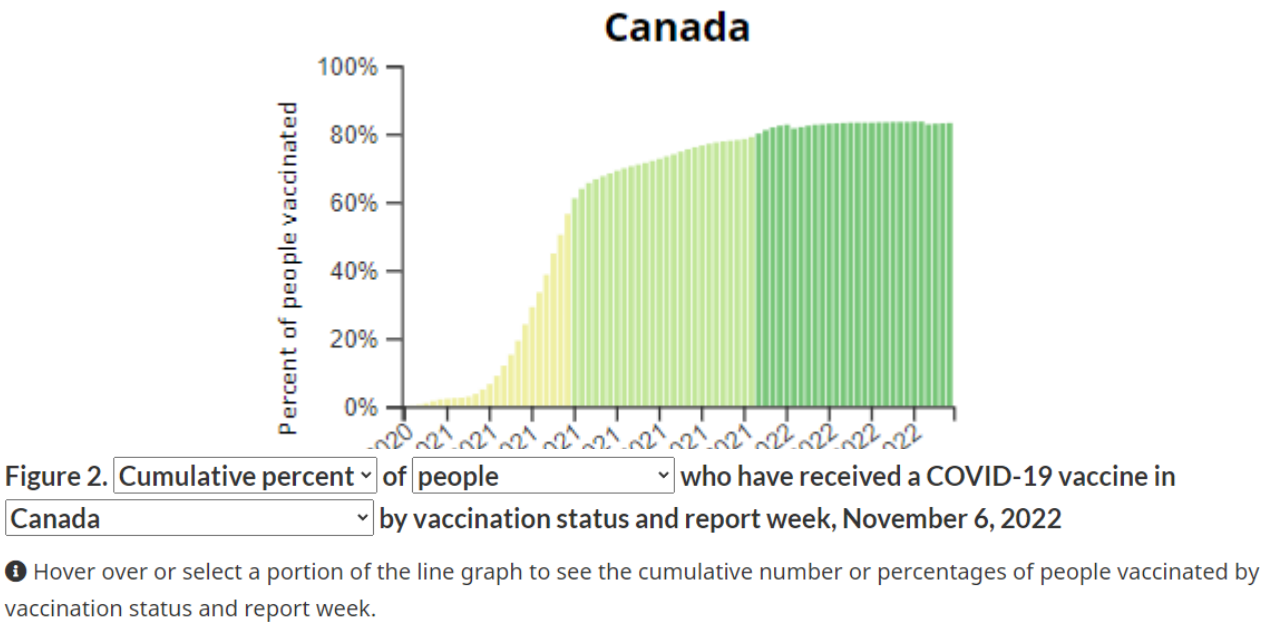
https://health-infobase.canada.ca/covid-19/vaccination-coverage/archive/2022-11-11/index.html

Figure 2. [Cumulative percent ▾] of [people ▾] who have received a COVID-19 vaccine in [Canada ▾] by vaccination status and report week, November 6, 2022

ℹ Hover over or select a portion of the line graph to see the cumulative number or percentages of people vaccinated by vaccination status and report week.

* The reporting frequency changed from every week to every 2 weeks after April 10, 2022 and every 4 weeks after May 22, 2022.

Figure 3. [Cumulative percent ▾] of people who have received [at least 1 dose ▾] of a COVID-19 vaccine in [Canada ▾] by age group and sex, November 6, 2022 [⬇ Access the data]

ⓘ Hover over or select a bar to see the cumulative number or percent of people vaccinated so far.
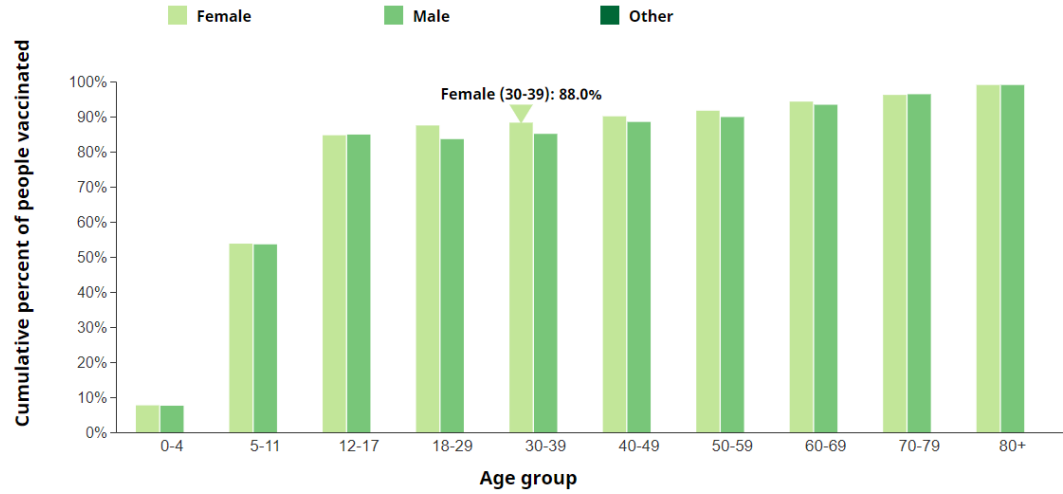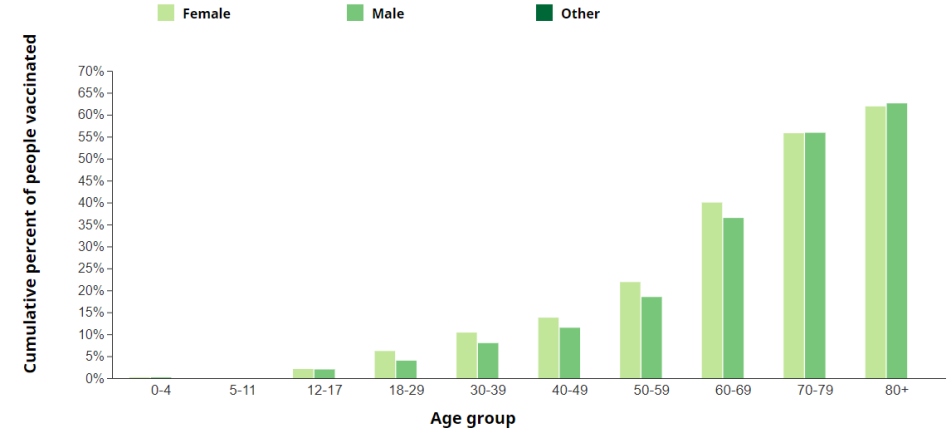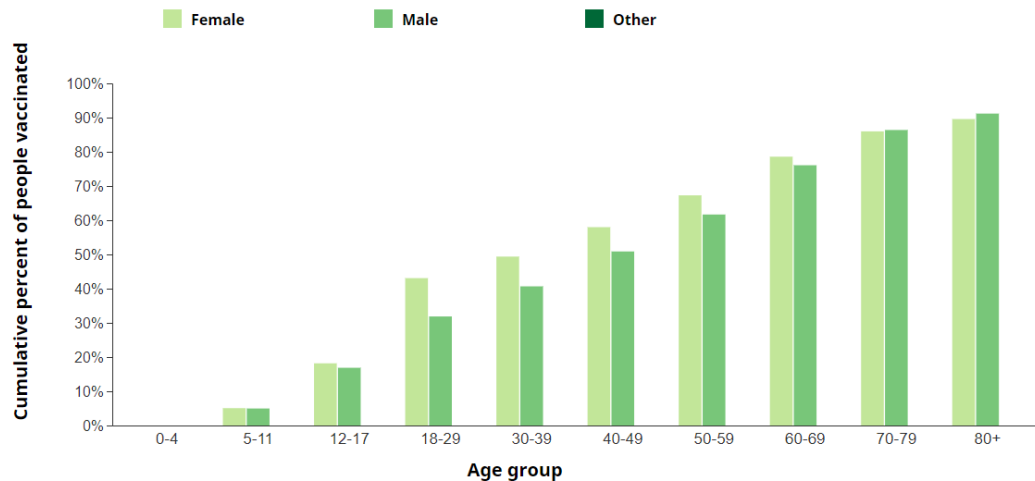

Figure 3. [Cumulative percent ▾] of people who have received [a 1st booster dose ▾] of a COVID-19 vaccine in [Canada ▾] by age group and sex, November 6, 2022 [⬇ Access the data]

ⓘ Hover over or select a bar to see the cumulative number or percent of people vaccinated so far.

Figure 3. [Cumulative percent ▾] of people who have received [a 2nd booster dose ▾] of a COVID-19 vaccine in [Canada ▾] by age group and sex, November 6, 2022 [⬇ Access the data]

ⓘ Hover over or select a bar to see the cumulative number or percent of people vaccinated so far.

Figure 3. [Cumulative percent ▾] of people who have [in the last 6 months, completed the primary series or received a booster dose ▾] of a COVID-19 vaccine in [Canada ▾] by age group and sex, November 6, 2022 [⬇ Access the data]

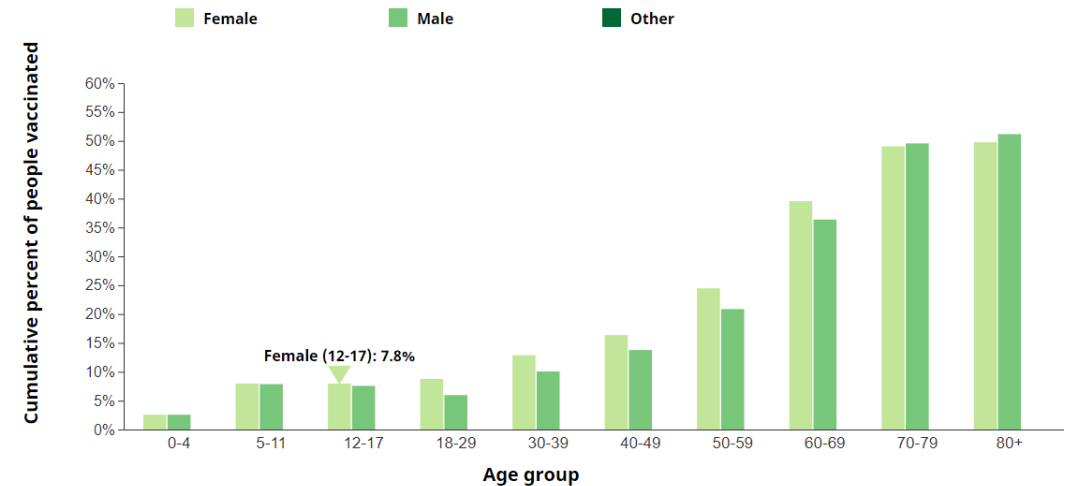ⓘ Hover over or select a bar to see the cumulative number or percent of people vaccinated so far.

Table 2. Cumulative number and percent of people in Canada who have received a COVID-19 vaccine by age group and vaccination status, November 6, 2022

Age group (years)	At least 1 dose	Primary series completed	1st booster dose	2nd booster dose	In the last 6 months, primary series completed or booster dose received
0 to 4	0.0% (302)	0.0% (98)	0% (0)	0% (0)	n/a (n/a)
5 to 11	56.5% (1,626,510)	41.8% (1,201,791)	0.0% (1,140)	<0.01% (1)	n/a (n/a)
12 to 17	87.9% (2,168,835)	84.1% (2,076,663)	17.2% (423,704)	0.0% (258)	n/a (n/a)
18 to 29	89.8% (5,334,989)	86.1% (5,113,364)	35.4% (2,103,534)	0.1% (5,833)	n/a (n/a)
30 to 39	89.3% (4,793,084)	86.4% (4,634,958)	43.1% (2,311,707)	0.3% (10,819)	n/a (n/a)
40 to 49	91.1% (4,459,159)	89.0% (4,354,427)	52.4% (2,563,375)	0.6% (20,156)	n/a (n/a)
50 to 59	90.9% (4,664,309)	89.2% (4,575,249)	62.1% (3,187,307)	1.7% (62,707)	n/a (n/a)
60 to 69	95.4% (4,616,786)	93.9% (4,544,435)	76.6% (3,705,792)	15.2% (515,368)	n/a (n/a)
70 to 79	98.2% (3,077,443)	97.0% (3,038,911)	85.6% (2,684,335)	29.4% (653,096)	n/a (n/a)
80 and older	≥99% (1,708,755)	98.1% (1,681,877)	87.6% (1,501,968)	37.2% (460,665)	n/a (n/a)
Not reported	n/a (0)	n/a (0)	n/a (0)	n/a (0)	n/a (n/a)
Unknown	n/a (4,196)	n/a (2,587)	n/a (121)	n/a (1)	n/a (n/a)

Year	2020							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	8.6	5.3	-9.6	-23.6	-12	-16.9	7	2.6
2	-22.4	-14.8	-3.4	-9.1	1.2	2	33	13.4
3	-6	-3.9	5.8	14.4	-11.6	-19.1	4	1.5
4	-12.6	-7.9	7.8	19.4	11.4	18.8	5	2
5	11.2	8	4.2	8.8	8.4	12.1	-9	-3.4
6	-10.8	-7.3	-14.4	-31	-7	-11.1	24	10
7	-23.4	-15.2	-2.2	-5.5	-5.8	-8.4	12	4.8
8	-21.6	-13	-7.4	-17.1	3.4	5	-13	-5
9	6	3.8	4	8.9	-9.8	-14.2	30	11.5
10	-6.6	-4.1	0.6	1.4	-11	-16.9	6	2.3
11	-10.8	-6.9	11.4	29.5	-3.6	-5.8	48	19
12	-11.8	-7.8	9.8	26.3	8.8	12.5	16	6.2
13	6.4	4.5	1	2.1	-3.6	-6.7	45	18.8
14	-5.6	-3.8	-2.2	-5.2	0.6	1	21	8.3
15	-11	-7.7	1	2.4	-3.6	-5.8	63	26.6
16	-3.6	-2.4	1.2	2.7	-18.4	-29	14	5.4
17	-18	-11.6	4.6	11.1	-10.4	-17.5	48	19
18	-20	-13.4	-0.4	-1	-5	-8.1	15	5.8
19	13.4	9.6	-11.8	-26.9	-7.2	-10.9	74	30.1
20	24.2	16.3	3.2	8.2	5	8.2	72	29
21	1	0.7	-15.6	-34.2	-10.8	-18.4	52	19.8
22	8	5.3	-5.8	-14.6	-1.6	-2.8	65	25.5
23	-6.4	-4	-19	-42.2	-10.4	-20.6	62	23.6
24	-2.8	-1.8	-1.2	-2.8	-4.6	-7.1	77	30.4
25	-7.4	-4.9	-12.4	-29.2	-5	-8.1	53	20.2
26	-2.2	-1.5	-3.6	-8.3	3.2	4.9	56	20.8
27	-3.4	-2.2	-2.6	-6.1	-21.4	-29.6	62	21.9
28	28.2	18.8	-2	-4.8	-6.4	-10.8	88	32.4
29	36.2	23.7	-9.4	-23.3	4.8	7.6	111	43.7
30	10.8	7.3	6.4	17.5	-18.4	-26.5	80	30.2
31	9.4	6.4	5.6	14.6	-14.6	-24.9	59	21.8
32	-2.4	-1.5	-3	-8.3	-3.4	-5.9	62	23.1
33	-5.8	-3.7	14	32.6	8.4	13	72	26.9
34	-16.8	-10.1	-3.2	-7.2	-1.2	-1.9	91	36.5
35	-24.4	-15.2	0.2	0.5	2.2	3.5	29	11.3
36	-30.2	-18.5	-1.2	-3	21.6	37.6	75	27.8
37	-6.2	-4	2	4.8	9.8	17.1	66	27
38	-5.6	-3.8	-2.6	-5.8	-12.4	-18.4	96	37.8
39	-12	-7.5	-12.2	-27	-4.8	-7.8	83	31.7
40	-22.4	-14.5	4.6	11.1	-9.2	-14.6	65	25
41	-15.8	-10.3	-3	-7.1	-2.8	-4.5	79	31.5
42	-1.2	-0.8	13.8	40.4	-1.2	-2.3	53	21.9
43	-12	-7.8	3.8	9.7	2	3.5	71	28.5

Is the increased EACM in 2020 for the <45 year olds sex linked?

→| Year	2020
→| Gender	Total
→| Age	0 to 44

→| Country	Australia		Austria		Belgium		Canada	
→| Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→| Week number								
1	8.6	5.3	-9.6	-23.6	-12	-16.9	7	2.6
2	-22.4	-14.8	-3.4	-9.1	1.2	2	33	13.4
3	-6	-3.9	5.8	14.4	-11.6	-19.1	4	1.5
4	-12.6	-7.9	7.8	19.4	11.4	18.8	5	2
5	11.2	8	4.2	8.8	8.4	12.1	-9	-3.4
6	-10.8	-7.3	-14.4	-31	-7	-11.1	24	10
7	-23.4	-15.2	-2.2	-5.5	-5.8	-8.4	12	4.8
8	-21.6	-13	-7.4	-17.1	3.4	5	-13	-5
9	6	3.8	4	8.9	-9.8	-14.2	30	11.5
10	-6.6	-4.1	0.6	1.4	-11	-16.9	6	2.3
11	-10.8	-6.9	11.4	29.5	-3.6	-5.8	48	19
12	-11.8	-7.8	9.8	26.3	8.8	12.5	16	6.2
13	6.4	4.5	1	2.1	-3.6	-6.7	45	18.8

→| Year	2020
→| Gender	Males
→| Age	0 to 44

→| Country	Australia		Austria		Belgium		Canada	
→| Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→| Week number								
1	12	11.4	-4.6	-19.5	-7.2	-15.9	22	12.7
2	-18.6	-18.1	-6.2	-24.6	2.4	6.9	26	16.9
3	-7.4	-7.1	-0.4	-1.4	-9.8	-25.9	-1	-0.6
4	-3.4	-3.4	8.4	32.8	5	13.2	6	3.7
5	11.2	12.5	5.8	19.2	2.6	5.7	-3	-1.7
6	-3	-3.1	-11.8	-39.6	1.6	4.1	22	14.4
7	-17.2	-16.8	-0.8	-3	1.6	3.6	-6	-3.7
8	-7.6	-7	-6.4	-25.2	-1.8	-4.3	-11	-6.6
9	0.4	0.4	-3.8	-14.2	-11.6	-25.4	11	6.5
10	-5.6	-5.5	-1.2	-4.8	-8.4	-19.4	10	6.3
11	-6.8	-6.5	13.2	55.5	-2.6	-6.1	22	13.1
12	-4.4	-4.6	4	16.7	6.4	15	9	5.3
13	1.2	1.3	7.8	27.7	-7	-20.6	26	16.4

Left table:

Year	2020							
Gender	Total							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
22	8	5.3	-5.8	-14.6	-1.6	-2.8	65	25.5
23	-6.4	-4	-19	-42.2	-10.4	-20.6	62	23.6
24	-2.8	-1.8	-1.2	-2.8	-4.6	-7.1	77	30.4
25	-7.4	-4.9	-12.4	-29.2	-5	-8.1	53	20.2
26	-2.2	-1.5	-3.6	-8.3	3.2	4.9	56	20.8
27	-3.4	-2.2	-2.6	-6.1	-21.4	-29.6	62	21.9
28	28.2	18.8	-2	-4.8	-6.4	-10.8	88	32.4
29	36.2	23.7	-9.4	-23.3	4.8	7.6	111	43.7
30	10.8	7.3	6.4	17.5	-18.4	-26.5	80	30.2
31	9.4	6.4	5.6	14.6	-14.6	-24.9	59	21.8
32	-2.4	-1.5	-3	-8.3	-3.4	-5.9	62	23.1
33	-5.8	-3.7	14	32.6	8.4	13	72	26.9
34	-16.8	-10.1	-3.2	-7.2	-1.2	-1.9	91	36.5
35	-24.4	-15.2	0.2	0.5	2.2	3.5	29	11.3
36	-30.2	-18.5	-1.2	-3	21.6	37.6	75	27.8
37	-6.2	-4	2	4.8	9.8	17.1	66	27
38	-5.6	-3.8	-2.6	-5.8	-12.4	-18.4	96	37.8
39	-12	-7.5	-12.2	-27	-4.8	-7.8	83	31.7
40	-22.4	-14.5	4.6	11.1	-9.2	-14.6	65	25
41	-15.8	-10.3	-3	-7.1	-2.8	-4.5	79	31.5
42	-1.2	-0.8	13.8	40.4	-1.2	-2.3	53	21.9
43	-12	-7.8	3.8	9.7	2	3.5	71	28.5

Year	2020							
Gender	Males							
Age	0 to 44							
Country	Australia		Austria		Belgium		Canada	
22	8	8.2	-6.2	-23.7	-0.4	-1.1	38	22.8
23	-14.4	-13.8	-14.8	-49.7	-6.4	-20.4	34	19.3
24	0.2	0.2	0.2	0.7	-2	-4.8	71	(44.7)
25	-9.8	-10.3	-5.6	-20.3	-4.4	-11.5	46	(27.2)
26	4.2	4.3	-6.6	-22.3	4.2	10	64	37.4
27	-5	-4.9	-0.8	-2.6	-17	-34.7	38	20.9
28	8	8	-2.4	-7.9	-12.2	-31.9	61	34.1
29	24	23.5	-10.8	-40.3	4.4	10.6	67	39.9
30	7	7.3	7.2	30.3	-13.6	-29.8	56	31.3
31	1.8	1.9	0.8	3.2	-13.6	-35.2	66	(36.9)
32	-4.8	-4.7	-2	-8.7	-0.6	-1.6	60	(35.3)
33	1.2	1.2	10	34.5	4.6	10.6	70	(40)
34	-7.6	-6.9	-1.8	-5.8	9	22.5	68	(42)
35	-20.4	-19.7	-4	-14.3	-2.6	-6.1	34	(21.1)
36	-18.2	-17.8	1.6	5.8	16	42.1	43	24.3
37	-18	-17	2.2	7.4	8.8	24.3	49	30.4
38	-14	-14.9	-1	-3.6	-6.6	-15.1	77	(47.2)
39	-5.8	-5.6	-5	-16.1	-1.2	-3.1	57	33.9
40	-14.4	-14.8	4	15.4	-5.2	-12.9	46	28
41	-13.8	-13.6	-2.8	-10.4	0.6	1.4	58	35.8
42	1.8	1.9	7.6	33.9	-6	-17.6	49	(31.4)
43	-20.4	-20.3	-2	-8.3	-8.6	-22.9	48	30.6
44	8.4	8.2	10	43.5	4.4	11.4	14	8
45	-4.2	-4.5	4.4	18.6	-6.6	-14.2	34	20.5
46	-14.2	-13.5	-1.8	-7.6	-13.2	-31.3	40	25.8

⬭ >5 % difference in EACM %

Figure 4. [Cumulative percent ▾] of [people ▾] who have received [a 1st booster dose ▾] of a COVID-19 vaccine in [Canada ▾] by age group and report week, November 6, 2022 [⬇ Access the data]

ℹ Hover over or select a portion of the line graph to see the cumulative number or percent of people vaccinated by age group and report week. Click on a legend element to add or remove the corresponding lines from the graph.

Age 0 to 44 years old

2023 — Year: 2023 | Gender: Total | Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

2023 30-69% increase

2022 — Year: 2022 | Gender: Total | Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	7.6	4.7	5.4	13.3	-13	-18.3	82	30
2	8.6	5.7	7.6	20.3	-13.8	-23.1	73	29.6
3	-3	-1.9	-5.2	-12.9	-7.6	-12.5	89	34.1
4	-20.6	-12.9	0.8	2	-6.6	-10.9	100	39.2
5	35.2	25	-9.8	-20.5	1.4	2	41	15.5
6	-14.8	-9.9	-2.4	-5.2	-1	-1.6	89	36.9
7	-8.4	-5.4	15.8	39.3	-19.8	-28.8	82	33.1
8	-22.6	-13.6	2.6	6	0.4	0.6	87	33.7
9	-8	-5.1	-3	-6.7	-2.8	-4.1	40	15.4
10	-1.6	-1	-1.4	-3.3	-10	-15.4	61	23.6
11	-4.8	-3.1	10.4	26.9	-3.6	-5.8	53	21
12	11.2	7.4	6.8	18.3	3.8	5.4	61	23.6
13	24.4	17	0	0	5.4	10.1	100	41.7

2022 15-42 % increase

2021 — Year: 2021 | Gender: Total | Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-9.4	-5.8	2.4	5.9	-31	-43.7	42	15.4
2	-3.4	-2.2	-5.4	-14.4	-7.8	-13	43	17.4
3	7	4.5	3.8	9.5	-5.6	-9.2	69	26.4
4	1.4	0.9	-1.2	-3	5.4	8.9	90	35.3
5	9.2	6.5	-6.8	-14.2	-11.6	-16.7	56	21.2
6	1.2	0.8	-3.4	-7.3	-4	-6.3	49	20.3
7	-3.4	-2.2	4.8	11.9	-8.8	-12.8	82	33.1
8	-25.6	-15.5	0.6	1.4	-25.6	-37.3	17	6.6
9	-29	-18.4	4	8.9	-17.8	-25.9	80	30.8
10	-27.6	-17.1	-3.4	-8	-9	-13.8	51	19.7
11	2.2	1.4	-5.6	-14.5	5.4	8.6	68	27
12	-19.8	-13	-2.2	-5.9	-15.2	-21.7	31	12
13	-17.6	-12.3	-5	-10.6	12.4	23.1	60	25

2021 7-35% increase

2020 — Year: 2020 | Gender: Total | Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	8.6	5.3	-9.6	-23.6	-12	-16.9	7	2.6
2	-22.4	-14.8	-3.4	-9.1	1.2	2	33	13.4
3	-6	-3.9	5.8	14.4	-11.6	-19.1	4	1.5
4	-12.6	-7.9	7.8	19.4	11.4	18.8	5	2
5	11.2	8	4.2	8.8	8.4	12.1	-9	-3.4
6	-10.8	-7.3	-14.4	-31	-7	-11.1	24	10
7	-23.4	-15.2	-2.2	-5.5	-5.8	-8.4	12	4.8
8	-21.6	-13	-7.4	-17.1	3.4	5	-13	-5
9	6	3.8	4	8.9	-9.8	-14.2	30	11.5
10	-6.6	-4.1	0.6	1.4	-11	-16.9	6	2.3
11	-10.8	-6.9	11.4	29.5	-3.6	-5.8	48	19
12	-11.8	-7.8	9.8	26.3	8.8	12.5	16	6.2
13	6.4	4.5	1	2.1	-3.6	-6.7	45	18.8

2020 -5 to 19% increase

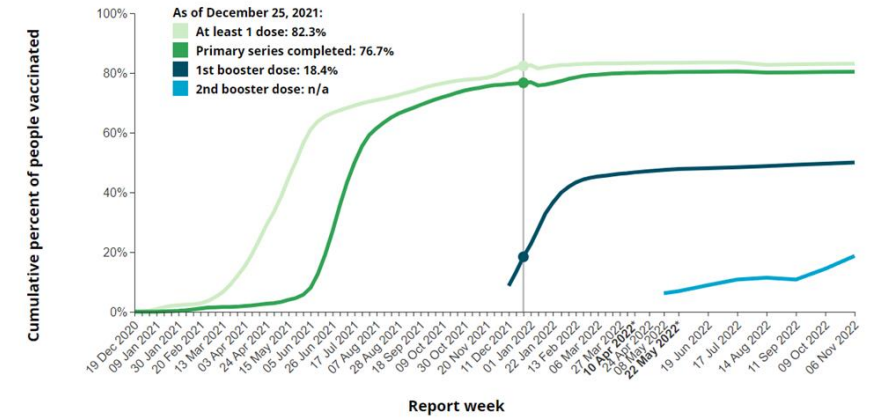## Age 0 to 44 years old

About 50 % of the 40-49 who would receive the first booster got it around January 15, 2022.

→¹ Gender	Total							
→¹ Age	65 and over							
→¹ Country	Australia		Austria		Belgium		Canada	
→¹ Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→¹ Week number	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼
1	395	17	-53.2	-3.4	-31.8	-1.6	944	19.4
2	781.8	33.8	-196.6	-12.2	-173.4	-8.3	1 470	29.4
3	982.6	42.7	18.2	1.2	-20	-1	1 634	32.9
4	940.6	41.2	10	0.7	93	4.5	1 585	32.6
5	848.8	37.3	-31.2	-2	98.8	4.6	1 462	31.2
6	712	31.1	52.8	3.4	87.4	4.1	1 138	24.3
7	575	25.3	76	4.9	-47.8	-2.2	808	17.4
8	512.2	22	28.8	1.8	-180.2	-8.4	630	13.7
9	515.6	22.4	130.2	8.3	-285.8	-13.2	641	14.1
10	303.2	13	94.6	6.2	-2.6	-0.1	385	8.5
11	455.2	19.8	187.6	12.7	36.8	1.8	414	9.2
12	439.8	18.9	397.6	29.2	123.2	6.3	318	7.1
13	475.2	20.2	297.4	21.2	277.4	14.6	306	7

ⓘ Hover over or select a portion of the line graph to see the cumulative number or percentages of people vaccinated by vaccination status and report week.

As of December 25, 2021:
At least 1 dose: 82.3%
Primary series completed: 76.7%
1st booster dose: 18.4%
2nd booster dose: n/a

Cumulative percent of people vaccinated

Report week

* The reporting frequency changed from every week to every 2 weeks after April 10, 2022 and every 4 weeks after May 22, 2022.

◯ >23 %

About 50% of the 65 plus who took the booster, it was administered by the first week in January 2022.

Immediate toxicity of shots including immunosenescence induction.

As the IgG1/3 are converted to IgG4 which no longer mediates ADE of spike protein, less immunosenescence and thus less EACM.

About 50 % of the 40-49 who would receive the first booster got it around January 15, 2022.

	Year	2022							
	Gender	Total							
	Age	0 to 44							
	Country	Australia		Austria		Belgium		Canada	
	Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number									
1		7.6	4.7	5.4	13.3	-13	-18.3	82	30
2		8.6	5.7	7.6	20.3	-13.8	-23.1	73	29.6
3		-3	-1.9	-5.2	-12.9	-7.6	-12.5	89	34.1
4		-20.6	-12.9	0.8	2	-6.6	-10.9	100	39.2
5		35.2	25	-9.8	-20.5	1.4	2	41	15.5
6		-14.8	-9.9	-2.4	-5.2	-1	-1.6	89	36.9
7		-8.4	-5.4	15.8	39.3	-19.8	-28.8	82	33.1
8		-22.6	-13.6	2.6	6	0.4	0.6	87	33.7
9		-8	-5.1	-3	-6.7	-2.8	-4.1	40	15.4
10		-1.6	-1	-1.4	-3.3	-10	-15.4	61	23.6
11		-4.8	-3.1	10.4	26.9	-3.6	-5.8	53	21
12		11.2	7.4	6.8	18.3	3.8	5.4	61	23.6
13		24.4	17	0	0	5.4	10.1	100	41.7

Unlike the 65 plus, while there may be increased mortality around the time of the administration of the booster, there does not seem to be a fall-off in the mortality related to conversion of spike IgG1/3 to IgG4. Are the young less apt to convert IgG1/3 to IgG4? What else might explain this observation?

2023 — Year: 2023, Gender: Total, Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

2023 30-69% increase

2022 — Year: 2022, Gender: Total, Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	7.6	4.7	5.4	13.3	-13	-18.3	82	30
2	8.6	5.7	7.6	20.3	-13.8	-23.1	73	29.6
3	-3	-1.9	-5.2	-12.9	-7.6	-12.5	89	34.1
4	-20.6	-12.9	0.8	2	-6.6	-10.9	100	39.2
5	35.2	25	-9.8	-20.5	1.4	2	41	15.5
6	-14.8	-9.9	-2.4	-5.2	-1	-1.6	89	36.9
7	-8.4	-5.4	15.8	39.3	-19.8	-28.8	82	33.1
8	-22.6	-13.6	2.6	6	0.4	0.6	87	33.7
9	-8	-5.1	-3	-6.7	-2.8	-4.1	40	15.4
10	-1.6	-1	-1.4	-3.3	-10	-15.4	61	23.6
11	-4.8	-3.1	10.4	26.9	-3.6	-5.8	53	21
12	11.2	7.4	6.8	18.3	3.8	5.4	61	23.6
13	24.4	17	0	0	5.4	10.1	100	41.7

2022 15-42 % increase

2021 — Year: 2021, Gender: Total, Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-9.4	-5.8	2.4	5.9	-31	-43.7	42	15.4
2	-3.4	-2.2	-5.4	-14.4	-7.8	-13	43	17.4
3	7	4.5	3.8	9.5	-5.6	-9.2	69	26.4
4	1.4	0.9	-1.2	-3	5.4	8.9	90	35.3
5	9.2	6.5	-6.8	-14.2	-11.6	-16.7	56	21.2
6	1.2	0.8	-3.4	-7.3	-4	-6.3	49	20.3
7	-3.4	-2.2	4.8	11.9	-8.8	-12.8	82	33.1
8	-25.6	-15.5	0.6	1.4	-25.6	-37.3	17	6.6
9	-29	-18.4	4	8.9	-17.8	-25.9	80	30.8
10	-27.6	-17.1	-3.4	-8	-9	-13.8	51	19.7
11	2.2	1.4	-5.6	-14.5	5.4	8.6	68	27
12	-19.8	-13	-2.2	-5.9	-15.2	-21.7	31	12
13	-17.6	-12.3	-5	-10.6	12.4	23.1	60	25

2021 7-35% increase

2020 — Year: 2020, Gender: Total, Age: 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	8.6	5.3	-9.6	-23.6	-12	-16.9	7	2.6
2	-22.4	-14.8	-3.4	-9.1	1.2	2	33	13.4
3	-6	-3.9	5.8	14.4	-11.6	-19.1	4	1.5
4	-12.6	-7.9	7.8	19.4	11.4	18.8	5	2
5	11.2	8	4.2	8.8	8.4	12.1	-9	-3.4
6	-10.8	-7.3	-14.4	-31	-7	-11.1	24	10
7	-23.4	-15.2	-2.2	-5.5	-5.8	-8.4	12	4.8
8	-21.6	-13	-7.4	-17.1	3.4	5	-13	-5
9	1.6	3.8	4	8.9	-9.8	-14.2	30	11.5
10	-6.6	-4.1	0.6	1.4	-11	-16.9	6	2.3
11	-10.8	-6.9	11.4	29.5	-3.6	-5.8	48	19
12	-11.8	-7.8	9.8	26.3	8.8	12.5	16	6.2
13	6.4	4.5			2.1	-3.6	-6.7	45	18.8

2020 -5 to 19% increase

Age 0 to 44 years old

The risk of increased EACM in the 0 to 44 years old appears to be increasing with time (but not in the 65 plus). This might suggest that younger adults may be resistant to conversion of spike IgG1/3 to IgG4 or that each "new variant" infection induces a new set of spike IgG1/3 in the <45 years of age. Tentatively, this conversion in the 65 plus is only systemically but not in the mucosa (explaining how with time there is increased infectivity but decreased mortality). Does this mean Dr. Geert Vanden Bossche was right?

Age 65 plus
For the first 3 months of each year

Year: 2023 · **Gender:** Total · **Age:** 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	607	26.1	519.8	33.1	418.2	20.5	989	20.3
2	449.8	19.4	226.4	14	228.6	11	825	16.5
3	500.6	21.8	83.2	5.4	-80	-3.9	639	12.9
4	350.6	15.4	5	0.3	-51	-2.5	605	12.4
5	501.8	22	-45.2	-2.9	-108.2	-5	627	13.4
6	403	17.6	-118.2	-7.5	-153.6	-7.2	793	16.9
7	444	19.6	-2	-0.1	-74.8	-3.5	688	14.8
8	328.2	14.1	23.8	1.5	-148.2	-6.9	605	13.2
9	430.6	18.7	29.2	1.9	-147.8	-6.8	826	18.2
10	485.2	20.8	80.6	5.3	-12.6	-0.6	720	15.8
11	534.2	23.2	114.6	7.8	0.8	0	779	17.4
12	426.8	18.3	130.6	9.6	-3.8	-0.2	683	15.3
13	382.2	16.2	71.4	5.1	33.4	1.8	741	16.9
14	297.6	12.6	113.4	8.4	7.6	0.4	645	14.8

Year: 2022 · **Gender:** Total · **Age:** 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	395	17	-53.2	-3.4	-31.8	-1.6	944	19.4
2	781.8	33.8	-196.6	-12.2	-173.4	-8.3	1 470	29.4
3	982.6	42.7	18.2	1.2	-20	-1	1 634	32.9
4	940.6	41.2	10	0.7	93	4.5	1 585	32.6
5	848.8	37.3	-31.2	-2	98.8	4.6	1 462	31.2
6	712	31.1	52.8	3.4	87.4	4.1	1 138	24.3
7	575	25.3	76	4.9	-47.8	-2.2	808	17.4
8	512.2	22	28.8	1.8	-180.2	-8.4	630	13.7
9	515.6	22.4	130.2	8.3	-285.8	-13.2	641	14.1
10	303.2	13	94.6	6.2	-2.6	-0.1	385	8.5
11	455.2	19.8	187.6	12.7	36.8	1.8	414	9.2
12	439.8	18.9	397.6	29.2	123.2	6.3	318	7.1
13	475.2	20.2	297.4	21.2	277.4	14.6	306	7

Year: 2021 · **Gender:** Total · **Age:** 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	136	5.9	152.8	9.7	135.2	6.6	694	14.2
2	64.8	2.8	95.4	5.9	9.6	0.5	575	11.5
3	262.6	11.4	227.2	14.8	51	2.5	564	11.3
4	139.6	6.1	188	12.4	36	1.7	555	11.4
5	262.8	11.5	42.8	2.7	-173.2	-8	562	12
6	151	6.6	-79.2	-5	-197.6	-9.2	283	6
7	139	6.1	-90	-5.7	-147.8	-6.8	258	5.5
8	180.2	7.7	-164.2	-10.4	-300.2	-14	270	5.9
9	242.6	10.5	-229.8	-14.7	-409.8	-18.9	221	4.9
10	251.2	10.8	-11.4	-0.8	-240.6	-11.4	120	2.6
11	241.2	10.5	-31.4	-2.1	-237.2	-11.8	29	0.6
12	192.8	8.3	47.6	3.5	-134.8	-6.9	123	2.8
13	189.2	8	109.4	7.8	-66.6	-3.5	146	3.3

Year: 2020 · **Gender:** Total · **Age:** 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	38	1.6	-183.2	-11.7	-132.8	-6.5	204	4.2
2	43.8	1.9	-157.6	-9.8	-39.4	-1.9	50	1
3	80.6	3.5	20.2	1.3	-66	-3.2	-1	0
4	190.6	8.4	-7	-0.5	-182	-8.8	155	3.2
5	114.8	5	139.8	8.9	-144.2	-6.7	52	1.1
6	74	3.2	-120.2	-7.6	-299.6	-14	93	2
7	215	9.5	-80	-5.1	-193.8	-9	-57	-1.2
8	150.2	6.4	-87.2	-5.5	-173.2	-8.1	65	1.4
9	210.6	9.1	-48.8	-3.1	-206.8	-9.6	156	3.4
10	112.2	4.8	-27.4	-1.8	-207.6	-9.9	65	1.4
11	119.2	5.2	-12.4	-0.8	-123.2	-6.1	104	2.3
12	224.8	9.6	204.6	15	245.2	12.5	323	7.2
13	218.2	9.3	97.4	7	954.4	50.2	491	11.2

2023: 12 to 20% >64

2022: 7 to 33 % >64

2021: 1 to 14 % >64

2020: -1 to 11% >64

Age Groups >64 ; < 45

2023 Table — Year: 2023, Gender: Total, Age: 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	607	26.1	519.8	33.1	418.2	20.5	989	20.3
2	449.8	19.4	226.4	14	228.6	11	825	16.5
3	500.6	21.8	83.2	5.4	-80	-3.9	639	12.9
4	350.6	15.4	5	0.3	-51	-2.5	605	12.4
5	501.8	22	-45.2	-2.9	-108.2	-5	627	13.4
6	403	17.6	-118.2	-7.5	-153.6	-7.2	793	16.9
7	444	19.6	-2	-0.1	-74.8	-3.5	688	14.8
8	328.2	14.1	23.8	1.5	-148.2	-6.9	605	13.2
9	430.6	18.7	29.2	1.9	-147.8	-6.8	826	18.2
10	485.2	20.8	80.6	5.3	-12.6	-0.6	720	15.8
11	534.2	23.2	114.6	7.8	0.8	0	779	17.4
12	426.8	18.3	130.6	9.6	-3.8	-0.2	683	15.3
13	382.2	16.2	71.4	5.1	33.4	1.8	741	16.9
14	297.6	12.6	113.4	8.4	7.6	0.4	645	14.8

2022 Table — Year: 2022, Gender: Total, Age: 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	395	17	-53.2	-3.4	-31.8	-1.6	944	19.4
2	781.8	33.8	-196.6	-12.2	-173.4	-8.3	1 470	29.4
3	982.6	42.7	18.2	1.2	-20	-1	1 634	32.9
4	940.6	41.2	10	0.7	93	4.5	1 585	32.6
5	848.8	37.3	-31.2	-2	98.8	4.6	1 462	31.2
6	712	31.1	52.8	3.4	87.4	4.1	1 138	24.3
7	575	25.3	76	4.9	-47.8	-2.2	808	17.4
8	512.2	22	28.8	1.8	-180.2	-8.4	630	13.7
9	515.6	22.4	130.2	8.3	-285.8	-13.2	641	14.1
10	303.2	13	94.6	6.2	-2.6	-0.1	385	8.5
11	455.2	19.8	187.6	12.7	36.8	1.8	414	9.2
12	439.8	18.9	397.6	29.2	123.2	6.3	318	7.1
13	475.2	20.2	297.4	21.2	277.4	14.6	306	7

2021 Table — Year: 2021, Gender: Total, Age: 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	136	5.9	152.8	9.7	135.2	6.6	694	14.2
2	64.8	2.8	95.4	5.9	9.6	0.5	575	11.5
3	262.6	11.4	227.2	14.8	51	2.5	564	11.3
4	139.6	6.1	188	12.4	36	1.7	555	11.4
5	262.8	11.5	42.8	2.7	-173.2	-8	562	12
6	151	6.6	-79.2	-5	-197.6	-9.2	283	6
7	139	6.1	-90	-5.7	-147.8	-6.8	258	5.5
8	180.2	7.7	-164.2	-10.4	-300.2	-14	270	5.9
9	242.6	10.5	-229.8	-14.7	-409.8	-18.9	221	4.9
10	251.2	10.8	-11.4	-0.8	-240.6	-11.4	120	2.6
11	241.2	10.5	-31.4	-2.1	-237.2	-11.8	29	0.6
12	192.8	8.3	47.6	3.5	-134.8	-6.9	123	2.8
13	189.2	8	109.4	7.8	-66.6	-3.5	146	3.3

2020 Table — Year: 2020, Gender: Total, Age: 65 and over

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	38	1.6	-183.2	-11.7	-132.8	-6.5	204	4.2
2	43.8	1.9	-157.6	-9.8	-39.4	-1.9	50	1
3	80.6	3.5	20.2	1.3	-66	-3.2	-1	0
4	190.6	8.4	-7	-0.5	-182	-8.8	155	3.2
5	114.8	5	139.8	8.9	-144.2	-6.7	52	1.1
6	74	3.2	-120.2	-7.6	-299.6	-14	93	2
7	215	9.5	-80	-5.1	-193.8	-9	-57	-1.2
8	150.2	6.4	-87.2	-5.5	-173.2	-8.1	65	1.4
9	210.6	9.1	-48.8	-3.1	-206.8	-9.6	156	3.4
10	112.2	4.8	-27.4	-1.8	-207.6	-9.9	65	1.4
11	119.2	5.2	-12.4	-0.8	-123.2	-6.1	104	2.3
12	224.8	9.6	204.6	15	245.2	12.5	323	7.2
13	218.2	9.3	97.4	7	954.4	50.2	491	11.2

2023: 12 to 20% >64

2022: 7 to 33 % >64

2021: 1 to 14 % >64

2020: -1 to 11% >64

2023 30-69% increase <45

2022 15-42 % increase <45

2021 7-35% increase <45

2020 -5 to 19% increase <45
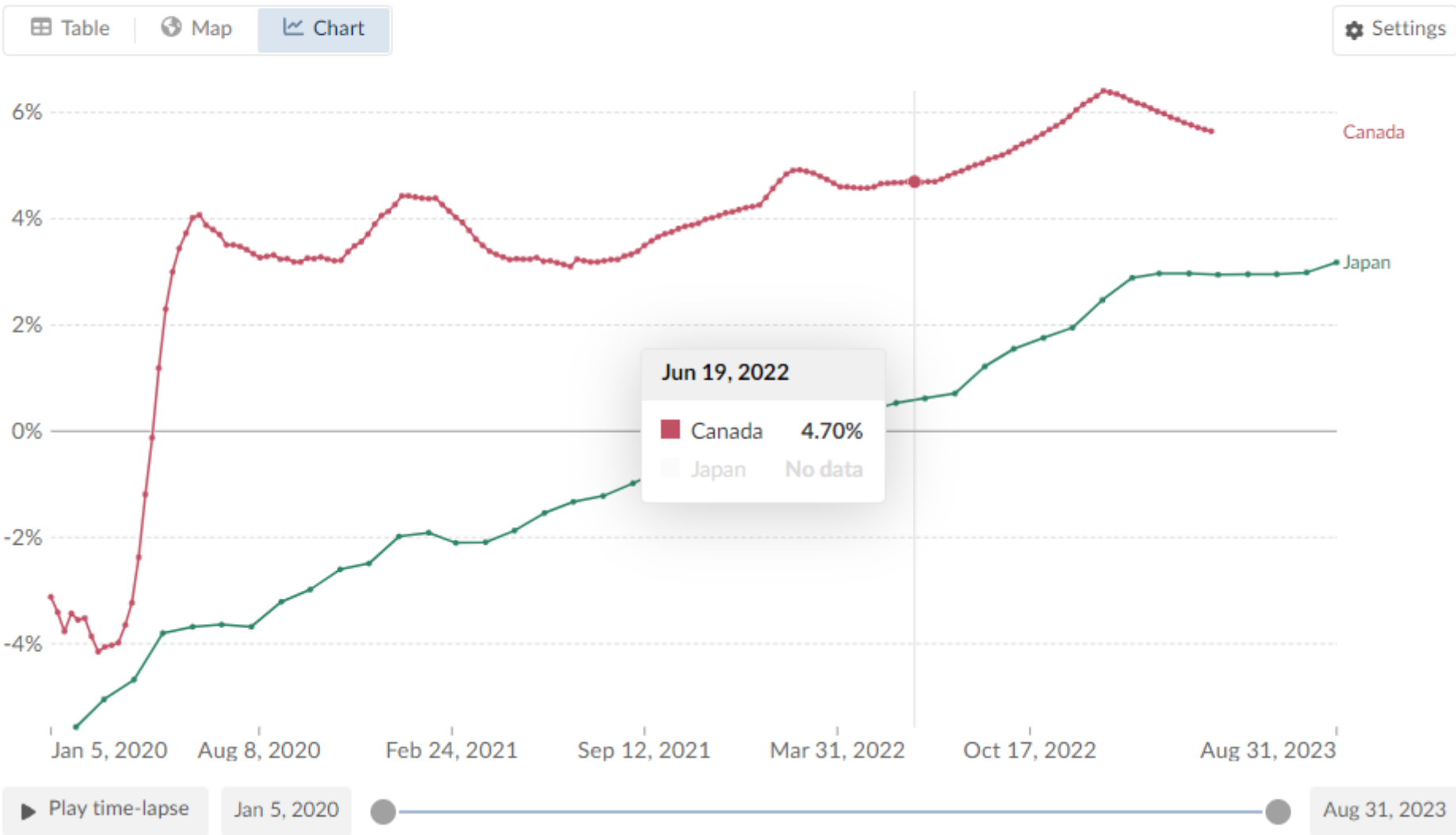
For the first 3 months of each year

Year: 2023 **Gender:** Total **Age:** 0 to 44

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	-4.4	-2.7	12.4	30.5	-10	-14.1	87	31.9
2	-18.4	-12.2	17.6	47.1	11.2	18.7	93	37.7
3	-13	-8.4	1.8	4.5	2.4	4	99	37.9
4	-6.6	-4.1	13.8	34.3	0.4	0.7	80	31.4
5	37.2	26.4	-14.8	-31	-0.6	-0.9	96	36.4
6	-12.8	-8.6	-0.4	-0.9	-4	-6.3	139	57.7
7	8.6	5.6	-11.2	-27.9	-3.8	-5.5	117	47.2
8	-20.6	-12.4	5.6	12.9	-16.6	-24.2	77	29.8
9	-13	-8.2	6	13.3	-7.8	-11.3	125	48.1
10	-14.6	-9	1.6	3.8	-2	-3.1	116	44.8
11	-0.8	-0.5	-0.6	-1.6	-1.6	-2.6	103	40.9
12	-2.8	-1.8	2.8	7.5	-12.2	-17.4	116	44.8
13	15.4	10.7	-10	-21.3	-2.6	-4.9	165	68.8
14	22.4	15.1	-0.2	-0.5	3.6	6.1	106	41.7

Year: 2023 **Gender:** Total **Age:** 45 to 64

Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	3.6	0.9	23.6	11.9	-1.6	-0.6	35	3.8
2	-24	-5.9	21.8	10.7	-8.4	-2.9	87	10
3	-9.2	-2.4	-29.6	-14.3	-0.2	-0.1	118	14
4	33.4	8.5	9	4.6	-47.8	-16.2	4	0.5
5	19.2	5	13.2	6.5	-21.2	-7.4	107	13.1
6	-31.8	-7.9	-36.4	-16.8	1.2	0.4	79	9.3
7	9.6	2.4	-28.6	-13.9	-34	-11.5	-16	-1.9
8	37.6	9.6	22.4	11.1	-26	-9.5	-2	-0.2
9	12.4	3.1	0.6	0.3	-65.2	-20.9	50	6
10	-7.2	-1.8	13	6.6	-36.2	-12.8	-15	-1.8
11	28.4	7.5	-12.8	-6.4	-39.8	-15	65	7.9
12	21.4	5.5	26.2	13	-53.2	-18.1	76	9.5
13	0.8	0.2	-12.6	-6.3	-18.6	-6.8	47	5.6
14	35.2	8.8	-5.6	-2.9	-26.8	-9.9	109	13.4

Year: 2023 **Gender:** Total **Age:** 65 and over

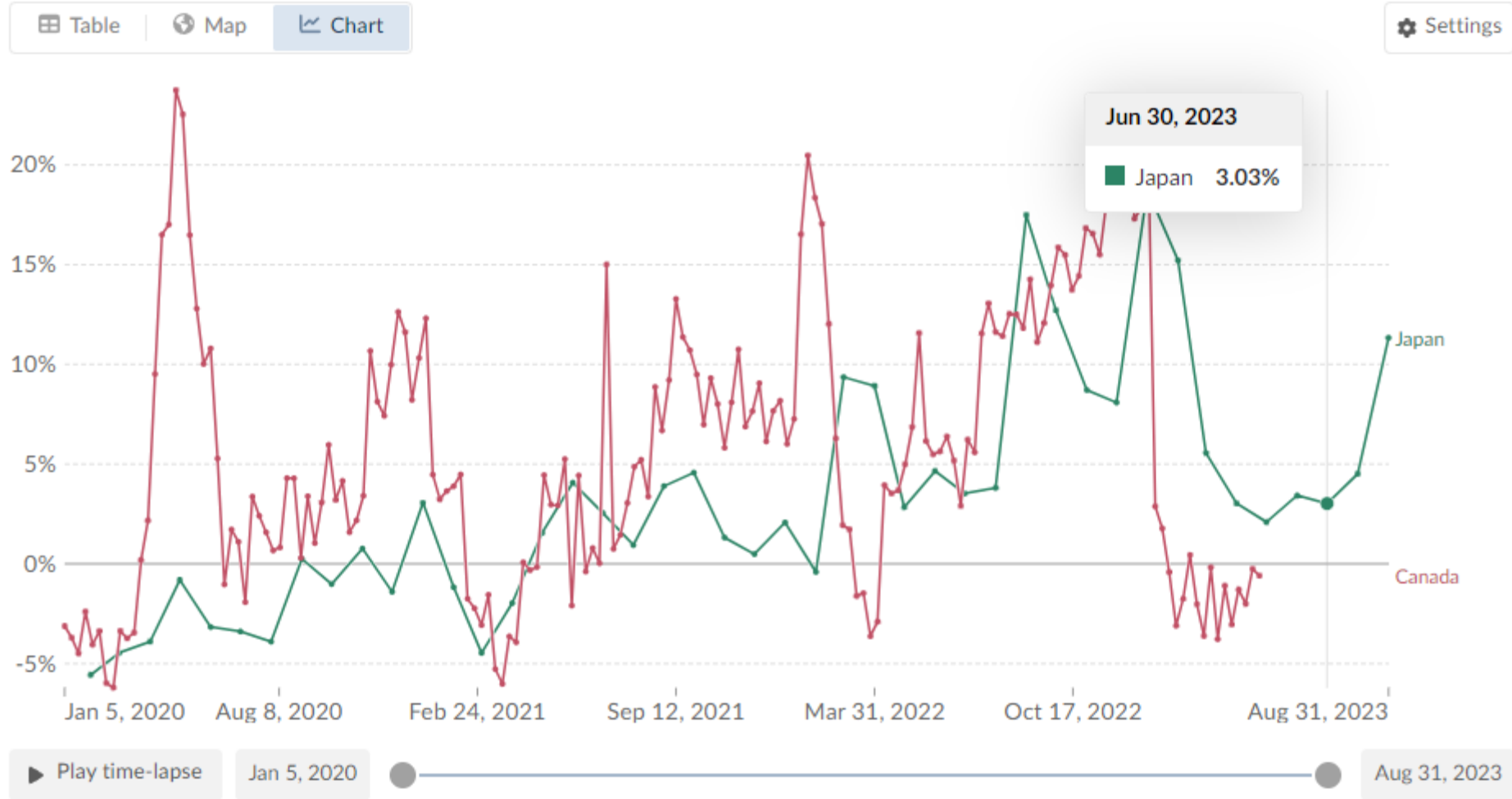| Week number	Australia Excess deaths (number)	Australia Excess deaths (% change from average)	Austria Excess deaths (number)	Austria Excess deaths (% change from average)	Belgium Excess deaths (number)	Belgium Excess deaths (% change from average)	Canada Excess deaths (number)	Canada Excess deaths (% change from average)
1	607	26.1	519.8	33.1	418.2	20.5	989	20.3
2	449.8	19.4	226.4	14	228.6	11	825	16.5
3	500.6	21.8	83.2	5.4	-80	-3.9	639	12.9
4	350.6	15.4	5	0.3	-51	-2.5	605	12.4
5	501.8	22	-45.2	-2.9	-108.2	-5	627	13.4
6	403	17.6	-118.2	-7.5	-153.6	-7.2	793	16.9
7	444	19.6	-2	-0.1	-74.8	-3.5	688	14.8
8	328.2	14.1	23.8	1.5	-148.2	-6.9	605	13.2
9	430.6	18.7	29.2	1.9	-147.8	-6.8	826	18.2
10	485.2	20.8	80.6	5.3	-12.6	-0.6	720	15.8
11	534.2	23.2	114.6	7.8	0.8	0	779	17.4
12	426.8	18.3	130.6	9.6	-3.8	-0.2	683	15.3
13	382.2	16.2	71.4	5.1	33.4	1.8	741	16.9
14	297.6	12.6	113.4	8.4	7.6	0.4	645	14.8

Excess mortality: Cumulative deaths from all causes compared to projection based on previous years

The percentage difference between the cumulative number of deaths since 1 January 2020 and the cumulative projected deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.

| ⊞ Table | ⊕ Map | ⊷ Chart | | ⚙ Settings |

Jun 19, 2022

| ■ Canada | **4.70%** |
| Japan | No data |

Canada

Japan

6%

4%

2%

0%

-2%

-4%

Jan 5, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   Aug 31, 2023

▶ Play time-lapse   Jan 5, 2020 ●━━━━━━━━━━━━━━━━━━━━━━━● Aug 31, 2023

Excess mortality: Deaths from all causes compared to projection based on previous years

The percentage difference between the reported number of weekly or monthly deaths in 2020–2022 and the projected number of deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.

| Table | Map | Chart | | Settings |

Jun 30, 2023

■ Japan **3.03%**

Japan

Canada

20%

15%

10%

5%

0%

-5%

Jan 5, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   Aug 31, 2023

▶ Play time-lapse   Jan 5, 2020 ●━━━━━━━━━━━━━━━━━━━● Aug 31, 2023

Number of COVID-19 patients in hospital per million people

Table | Map | Chart

Settings

Canada

Japan

Apr 1, 2020 — Feb 24, 2021 — Sep 12, 2021 — Mar 31, 2022 — Oct 17, 2022 — May 5, 2023 — Dec 20, 2023
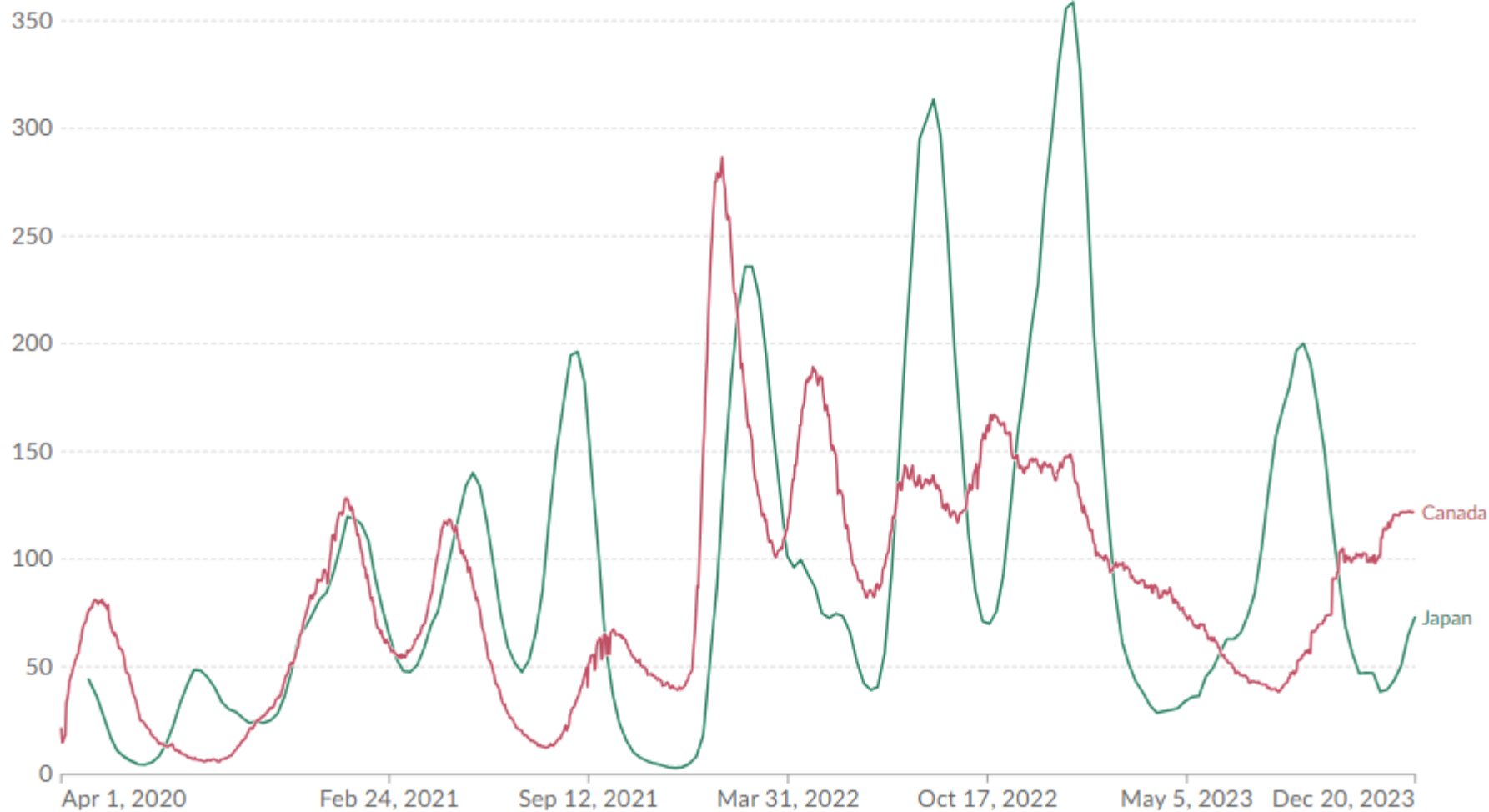
▶ Play time-lapse | Apr 1, 2020 ● ——————————— ● Dec 20, 2023

Number of COVID-19 patients in intensive care (ICU) per million people

Table | Map | Chart
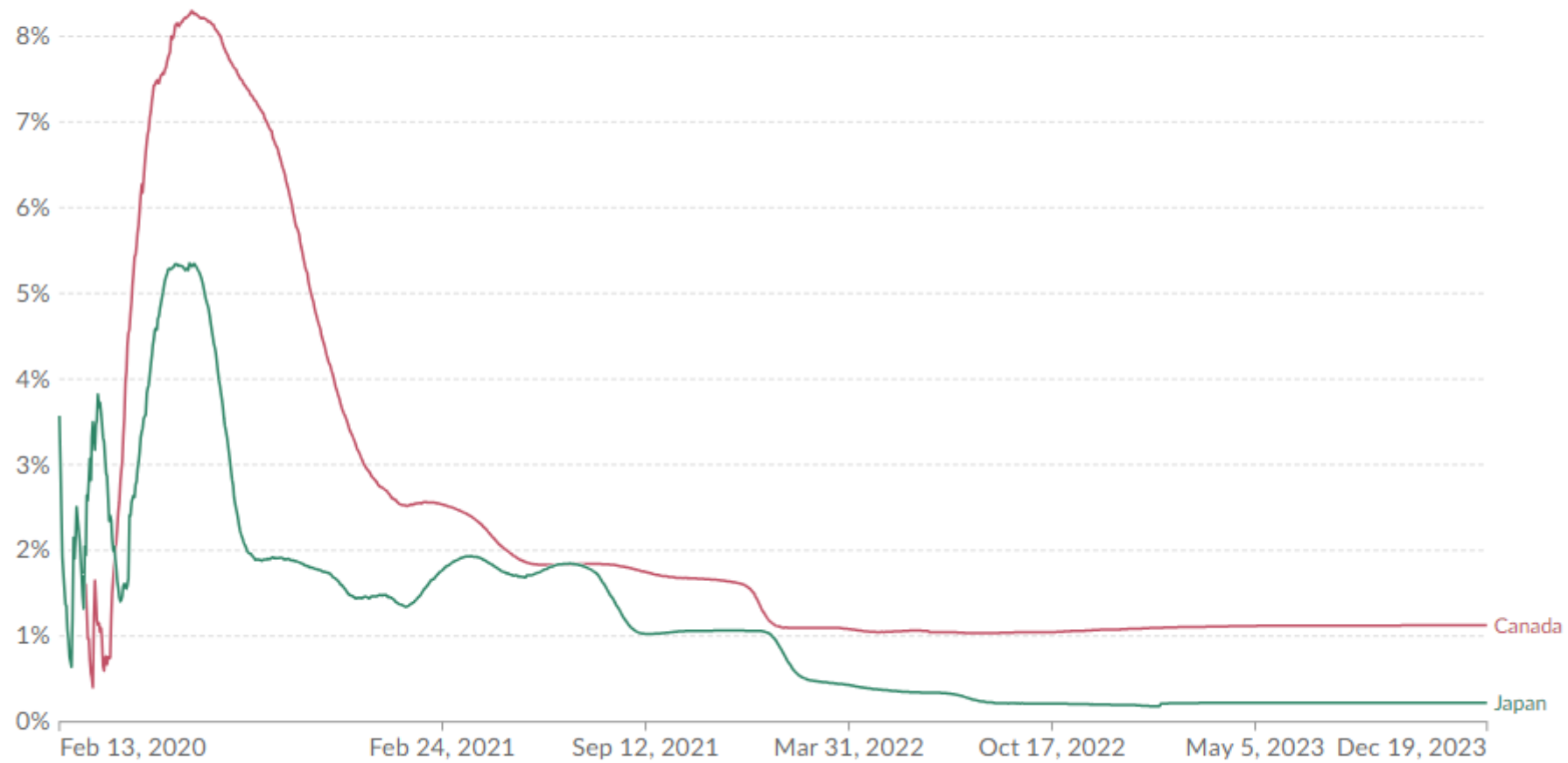
Settings

Canada

Japan

Apr 1, 2020 | Feb 24, 2021 | Sep 12, 2021 | Mar 31, 2022 | Oct 17, 2022 | May 5, 2023 | Dec 20, 2023

▶ Play time-lapse | Apr 1, 2020 | ● ────────────── ● | Dec 20, 2023
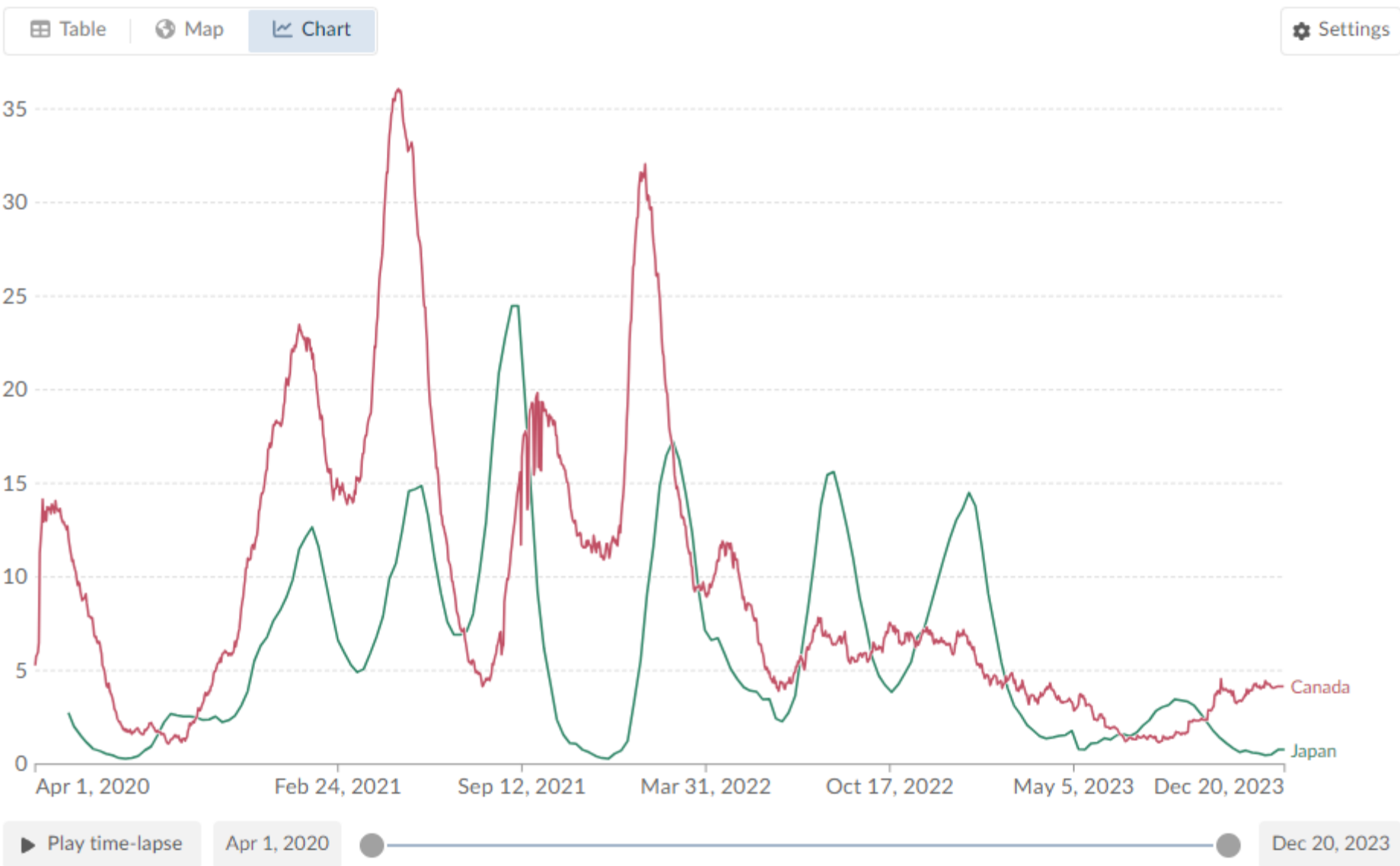
Data source: Official data collated by Our World in Data – Learn more about this data

Case fatality rate of COVID-19

The case fatality rate (CFR) is the ratio between confirmed deaths and confirmed cases. The CFR can be a poor measure of the mortality risk of the disease. We explain this in detail at https://OurWorldInData.org/mortality-risk-covid

Table | Map | Chart

Settings

Canada

Japan

Feb 13, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   May 5, 2023   Dec 19, 2023

▶ Play time-lapse   Feb 13, 2020   ●————————————————————————————————————●   Dec 19, 2023

Weekly confirmed COVID-19 deaths per million people

Weekly confirmed deaths refer to the cumulative number of confirmed deaths over the previous week. Due to varying protocols and challenges in the attribution of the cause of death, the number of confirmed deaths may not accurately represent the true number of deaths caused by COVID-19.
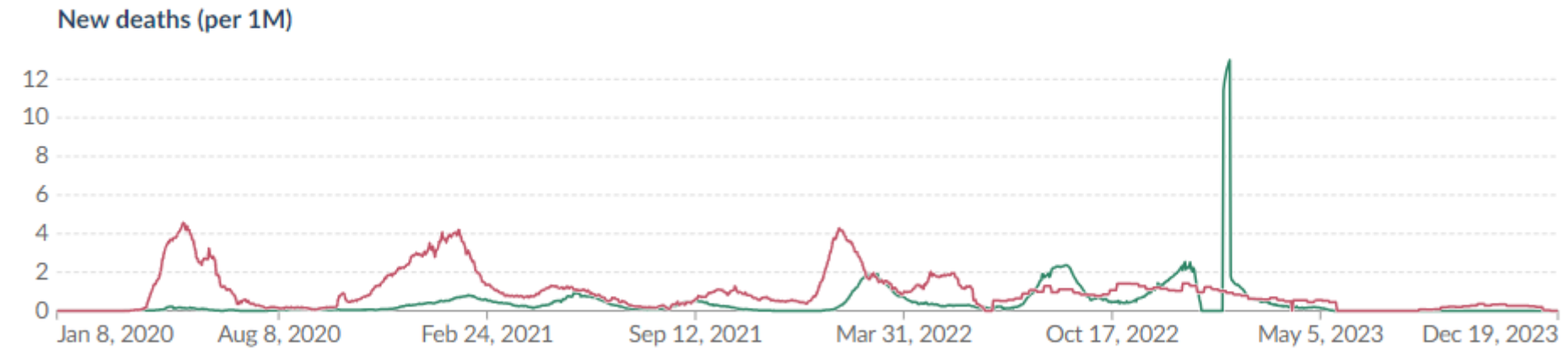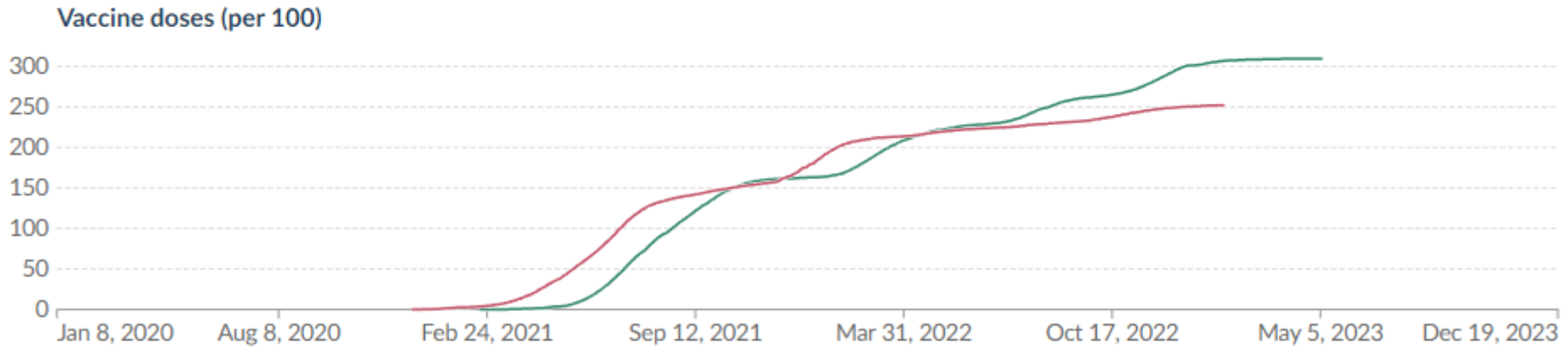
⊞ Table | 🌐 Map | ⬚ Chart

⚙ Settings

Feb 6, 2023

| ■ Japan | 89.59 |
| ■ Canada | 6.55 |

80

60

40

20

0

Jan 3, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   Dec 19, 2023

Canada
Japan

▶ Play time-lapse   Jan 3, 2020 ⚫━━━━━━━━━━━━⚫ Dec 19, 2023
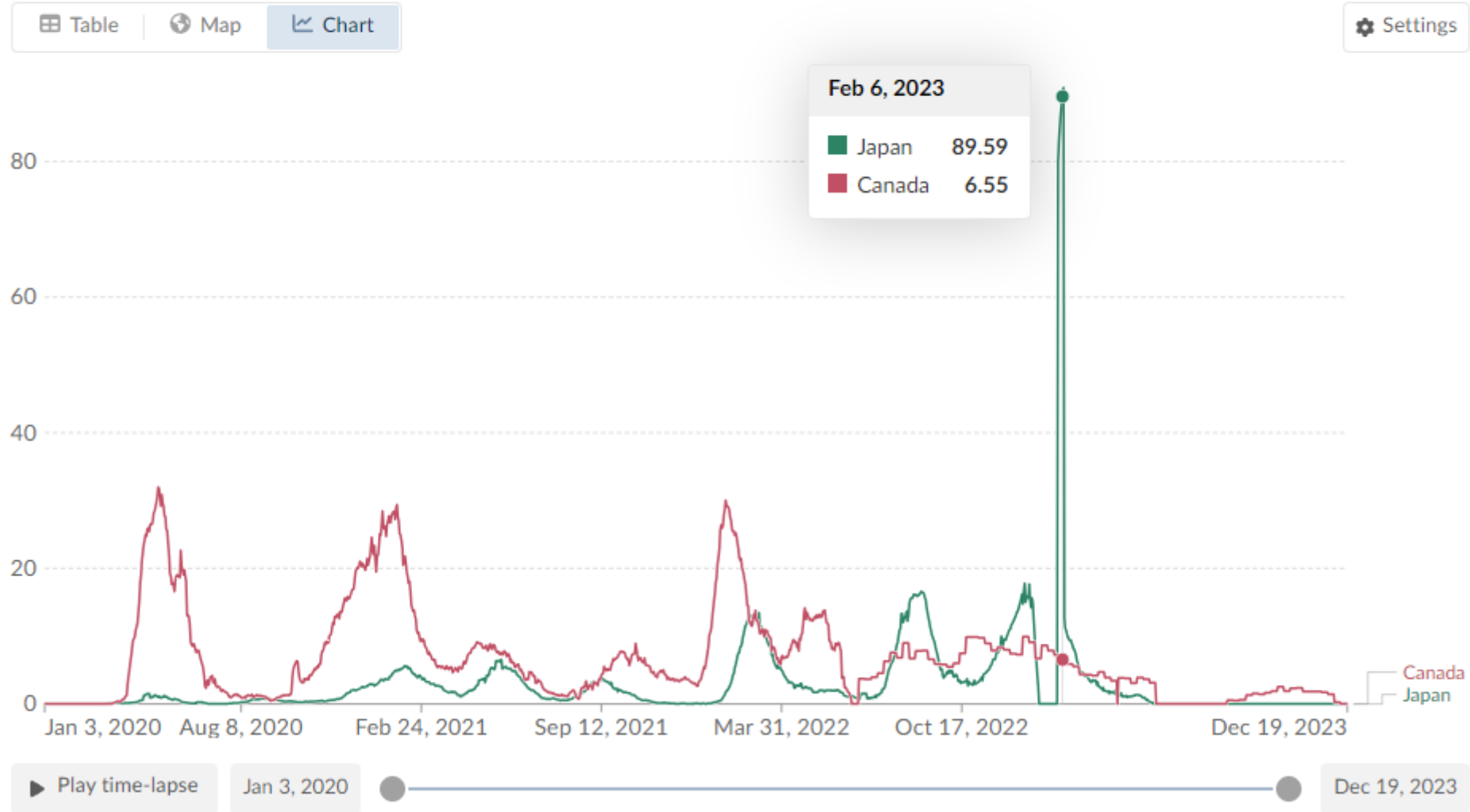
COVID-19 vaccine doses and confirmed deaths

Due to varying protocols and challenges in the attribution of the cause of death, the number of confirmed deaths may not accurately represent the true number of deaths caused by COVID-19.

⊞ Table   ⌁ Chart

⚙ Settings

■ Canada   ■ Japan

Vaccine doses (per 100)

300	
250	
200	
150	
100	
50	
0	

Jan 8, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   May 5, 2023   Dec 19, 2023

New deaths (per 1M)

12	
10	
8	
6	
4	
2	
0	

Jan 8, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   May 5, 2023   Dec 19, 2023

▶ Play time-lapse   Jan 8, 2020 ⬤——————————————————⬤ Dec 19, 2023

COVID-19 vaccine doses, ICU patients, and confirmed cases and deaths

Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.
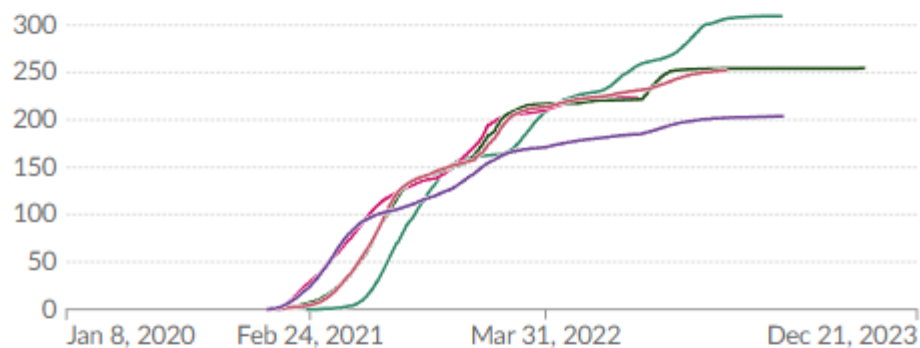
Table   Chart   Settings

■ Canada   ■ Japan

Vaccine doses (per 100)

New cases (per 1M)

Patients in ICU (per 1M)

New deaths (per 1M)
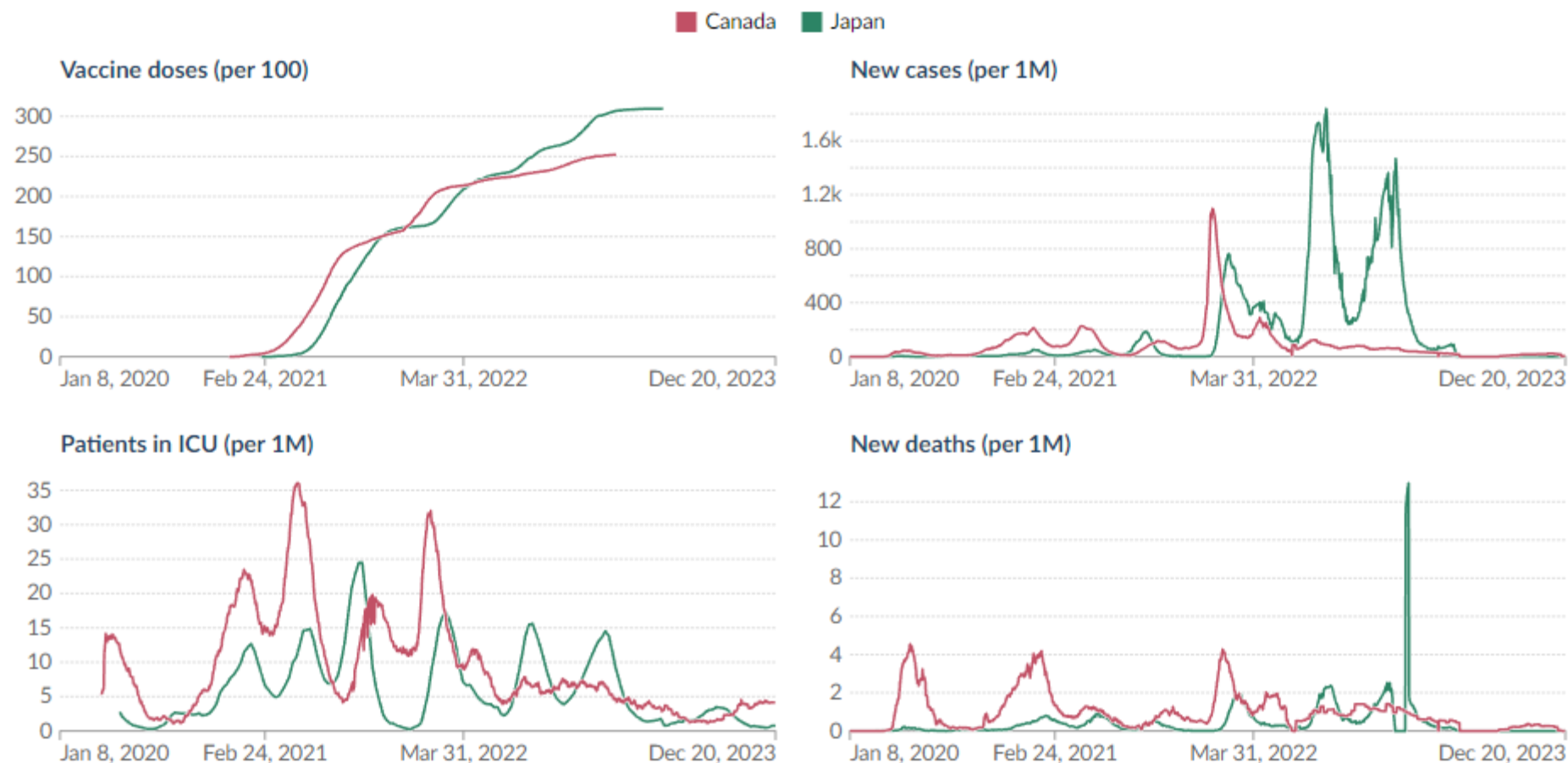
▶ Play time-lapse   Jan 8, 2020   ●────────────────●   Dec 20, 2023

COVID-19 vaccine doses, ICU patients, and confirmed cases and deaths

Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.

⊞ Table | ⌁ Chart

⚙ Settings
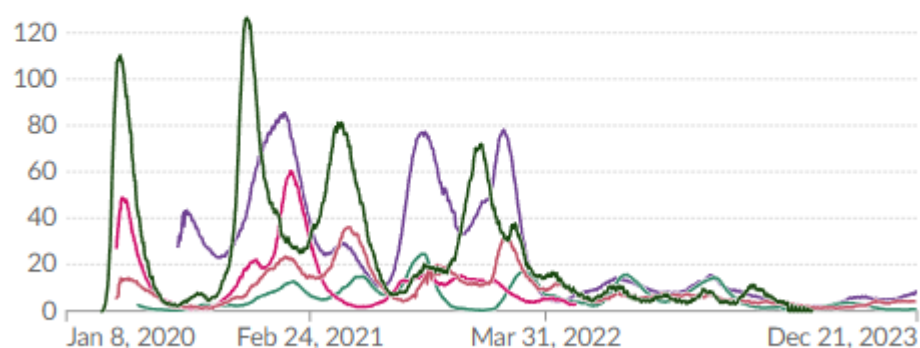
■ United States ■ Canada ■ Belgium ■ United Kingdom ■ Japan

Vaccine doses (per 100)

New cases (per 1M)
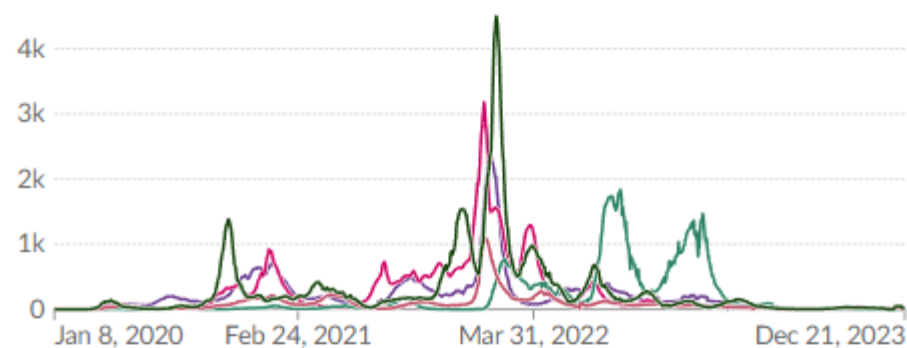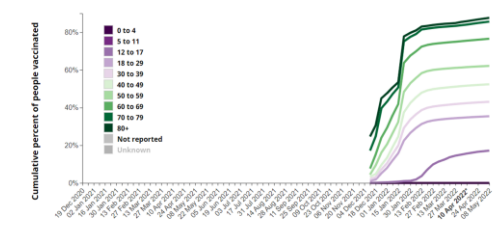
Patients in ICU (per 1M)

New deaths (per 1M)
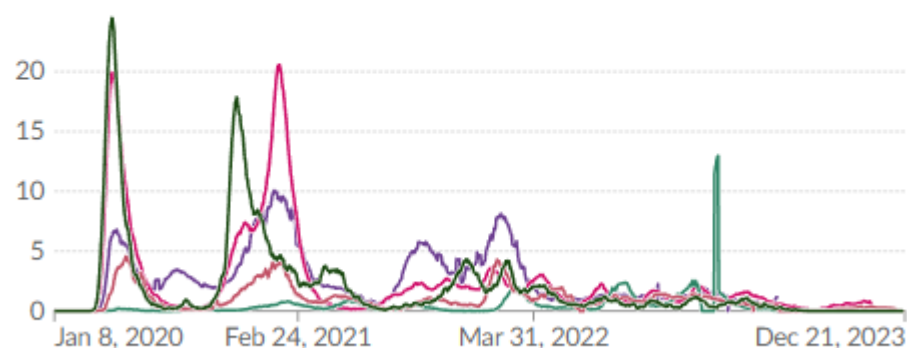
▶ Play time-lapse | Jan 8, 2020 ⬤ ————————————————⬤ Dec 21, 2023

→ Year	2022							
→ Gender	Total							
→ Age	0 to 44							
→ Country	Australia		Austria		Belgium		Canada	
→ Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼
→ Week number								
1	7.6	4.7	5.4	13.3	-13	-18.3	82	30
2	8.6	5.7	7.6	20.3	-13.8	-23.1	73	29.6
3	-3	-1.9	-5.2	-12.9	-7.6	-12.5	89	34.1
4	-20.6	-12.9	0.8	2	-6.6	-10.9	100	39.2
5	35.2	25	-9.8	-20.5	1.4	2	41	15.5
6	-14.8	-9.9	-2.4	-5.2	-1	-1.6	89	36.9
7	-8.4	-5.4	15.8	39.3	-19.8	-28.8	82	33.1
8	-22.6	-13.6	2.6	6	0.4	0.6	87	33.7
9	-8	-5.1	-3	-6.7	-2.8	-4.1	40	15.4
10	-1.6	-1	-1.4	-3.3	-10	-15.4	61	23.6
11	-4.8	-3.1	10.4	26.9	-3.6	-5.8	53	21
12	11.2	7.4	6.8	18.3	3.8	5.4	61	23.6
13	24.4	17	0	0	5.4	10.1	100	41.7

Figure 4. Cumulative percent ˅ of people ˅ who have received a 1st booster dose ˅ of a COVID-19 vaccine in Canada ˅ by age group and report week, November 6, 2022 ⬇ Access the data

ⓘ Hover over or select a portion of the line graph to see the cumulative number or percent of people vaccinated by age group and report week. Click on a legend element to add or remove the corresponding lines from the graph.
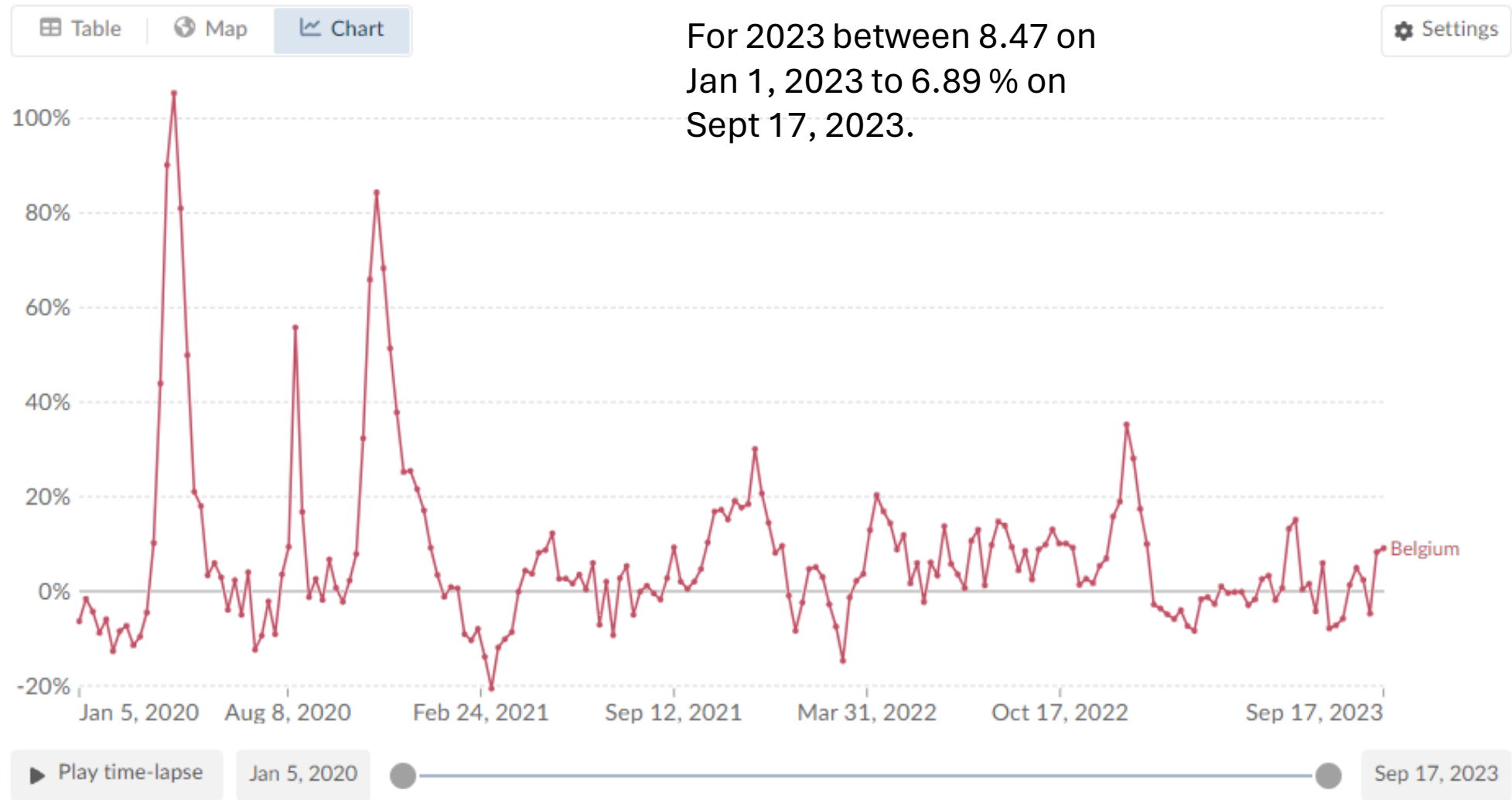
Legend: 0 to 4, 5 to 11, 12 to 17, 18 to 29, 30 to 39, 40 to 49, 50 to 59, 60 to 69, 70 to 79, 80+, Not reported, Unknown

Third dose to 5 to 44 year-old average was Jan 15, 2022

⬭ **Over 30%**

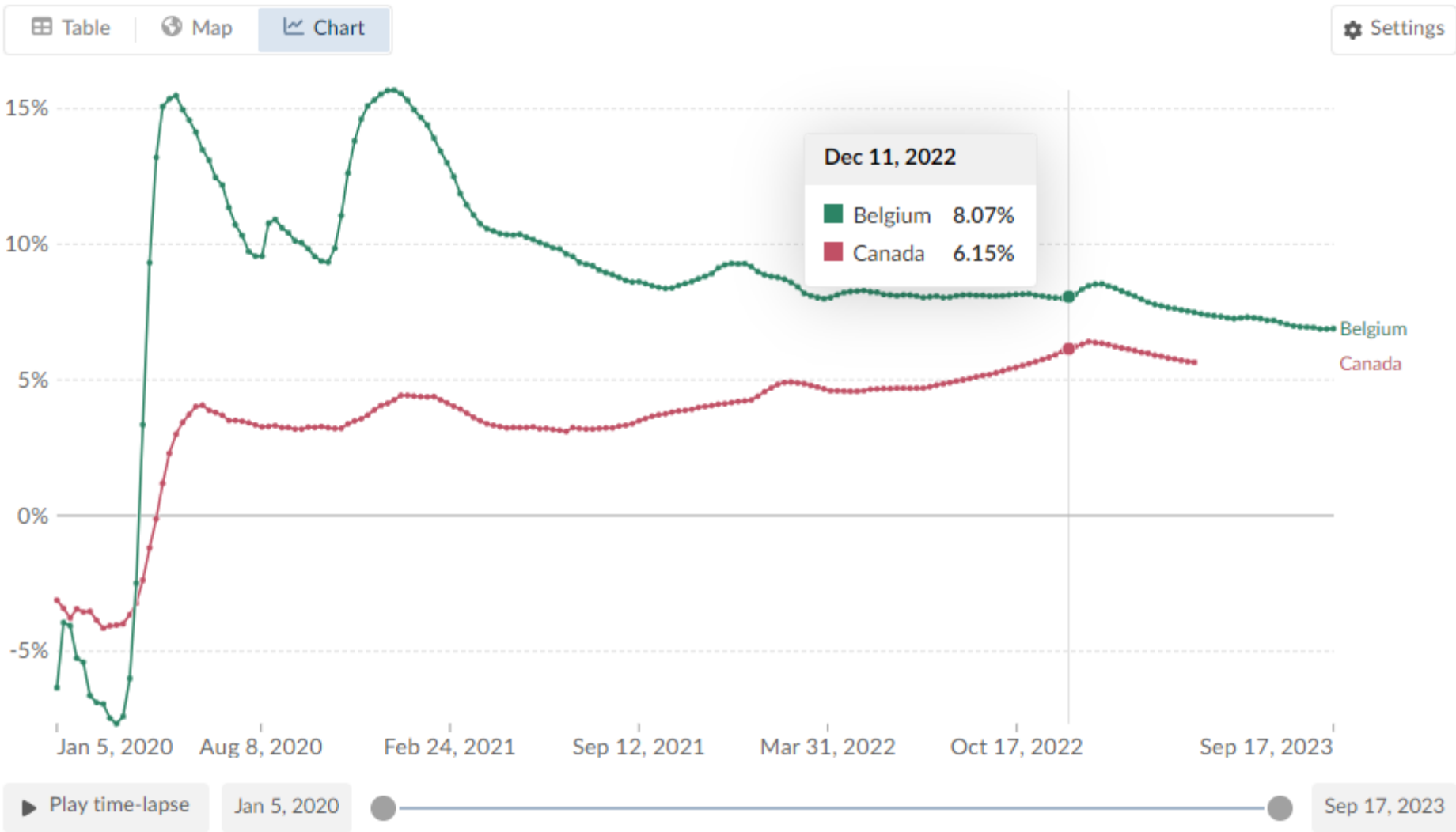| 13	24.4	17	0	0	5.4	10.1	100	41.7
14	-6.6	-4.4	10.8	25.6	4.6	7.7	101	39.8
15	28	19.6	2	4.9	-2.6	-4.2	68	28.7
16	-13.6	-9	1.2	2.7	-3.4	-5.4	24	9.2
17	-9	-5.8	-8.4	-20.3	-8.4	-14.1	73	29
18	12	8.1	6.6	17.2	-9	-14.5	80	30.8
19	17.4	12.5	4.2	9.6	-5.2	-7.9	94	38.2
20	-10.8	-7.3	-3.8	-9.8	9	14.8	92	37.1
21	-5	-3.4	-7.6	-16.7	-1.8	-3.1	77	29.3
22	15	9.9	1.2	3	-1.6	-2.8	50	19.6
23	1.6	1	7	15.6	7.6	15.1	72	27.4
24	3.2	2.1	2.8	6.6	5.4	8.4	72	28.5
25	3.6	2.4	5.6	13.2	2	3.2	63	24
26	14.8	9.8	11.4	26.1	-1.8	-2.8	116	43.1
27	11.6	7.6	11.4	26.8	2.6	3.6	52	18.4
28	22.2	14.8	-2	-4.8	3.6	6.1	93	34.2
29	4.2	2.7	4.6	11.4	0.8	1.3	116	45.7
30	-5.2	-3.5	6.4	17.5	-7.4	-10.7	75	28.3
31	12.4	8.4	1.6	4.2	1.4	2.4	69	25.5
32	-6.4	-4.1	1	2.8	-4.4	-7.7	72	26.9
33	-3.8	-2.4	1	2.3	-17.6	-27.2	87	32.5
34	-25.8	-15.5	-6.2	-14	1.8	2.8	86	34.5
35	-17.4	-10.8	-0.8	-1.9	-14.8	-23.6	114	44.5
36	-12.2	-7.5	-8.2	-20.4	-6.4	-11.1	85	31.5
37	-12.2	-7.9	8	19	-1.2	-2.1	101	41.4

Excess mortality: Deaths from all causes compared to projection based on previous years

The percentage difference between the reported number of weekly or monthly deaths in 2020–2022 and the projected number of deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.

| ⊞ Table | 🌐 Map | 📈 Chart | | ⚙ Settings |

For 2023 between 8.47 on Jan 1, 2023 to 6.89 % on Sept 17, 2023.

▶ Play time-lapse   Jan 5, 2020   ———●————————————————————————●   Sep 17, 2023

Data source: Human Mortality Database (2023), World Mortality Dataset (2023)   Learn more about this data
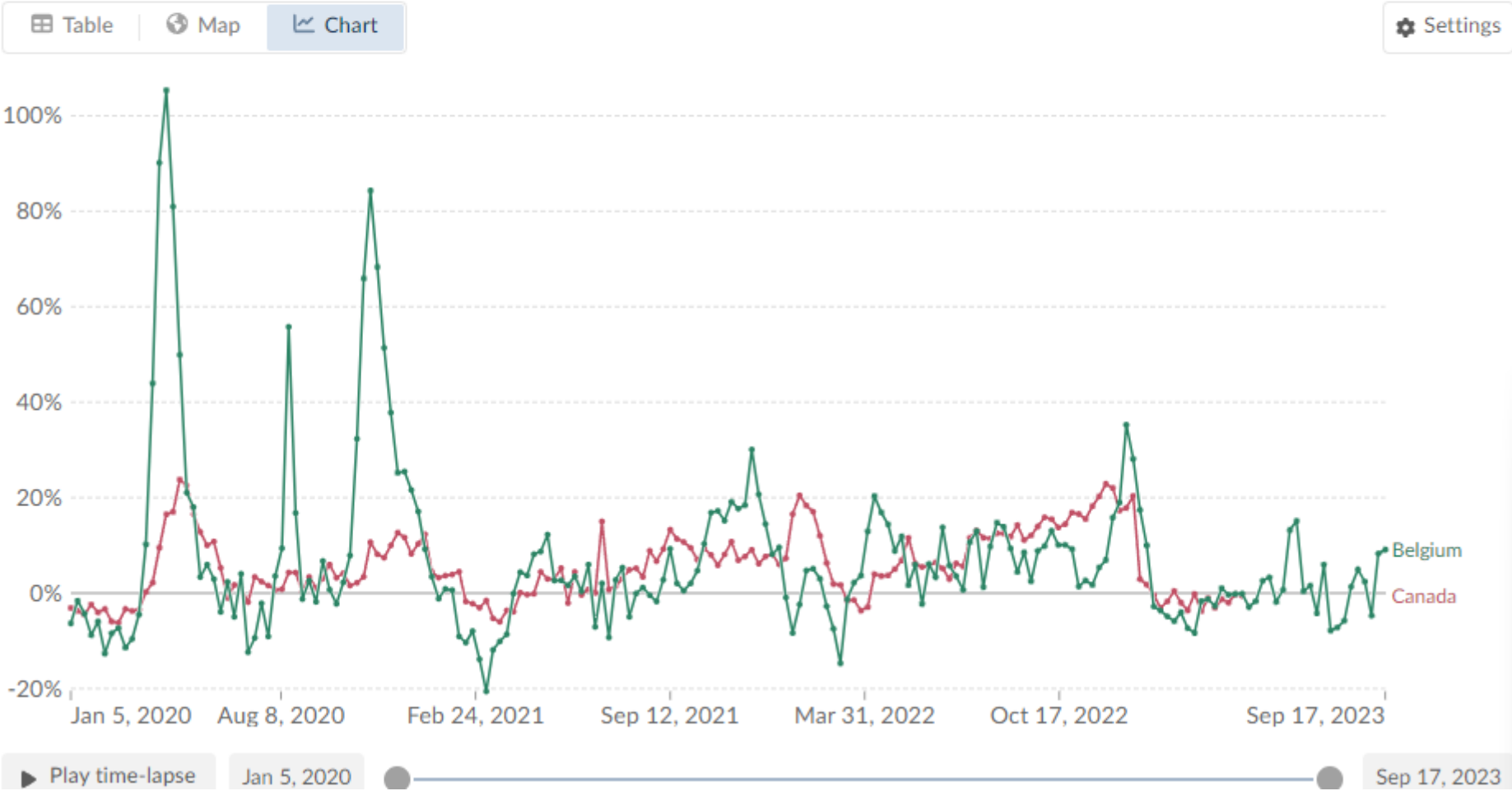
Excess mortality: Cumulative deaths from all causes compared to projection based on previous years

The percentage difference between the cumulative number of deaths since 1 January 2020 and the cumulative projected deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.

⊞ Table | 🌐 Map | 〽 Chart   ⚙ Settings

Dec 11, 2022

■ Belgium   8.07%
■ Canada   6.15%

15%

10%

5%

0%

-5%

Jan 5, 2020   Aug 8, 2020   Feb 24, 2021   Sep 12, 2021   Mar 31, 2022   Oct 17, 2022   Sep 17, 2023

Belgium

Canada

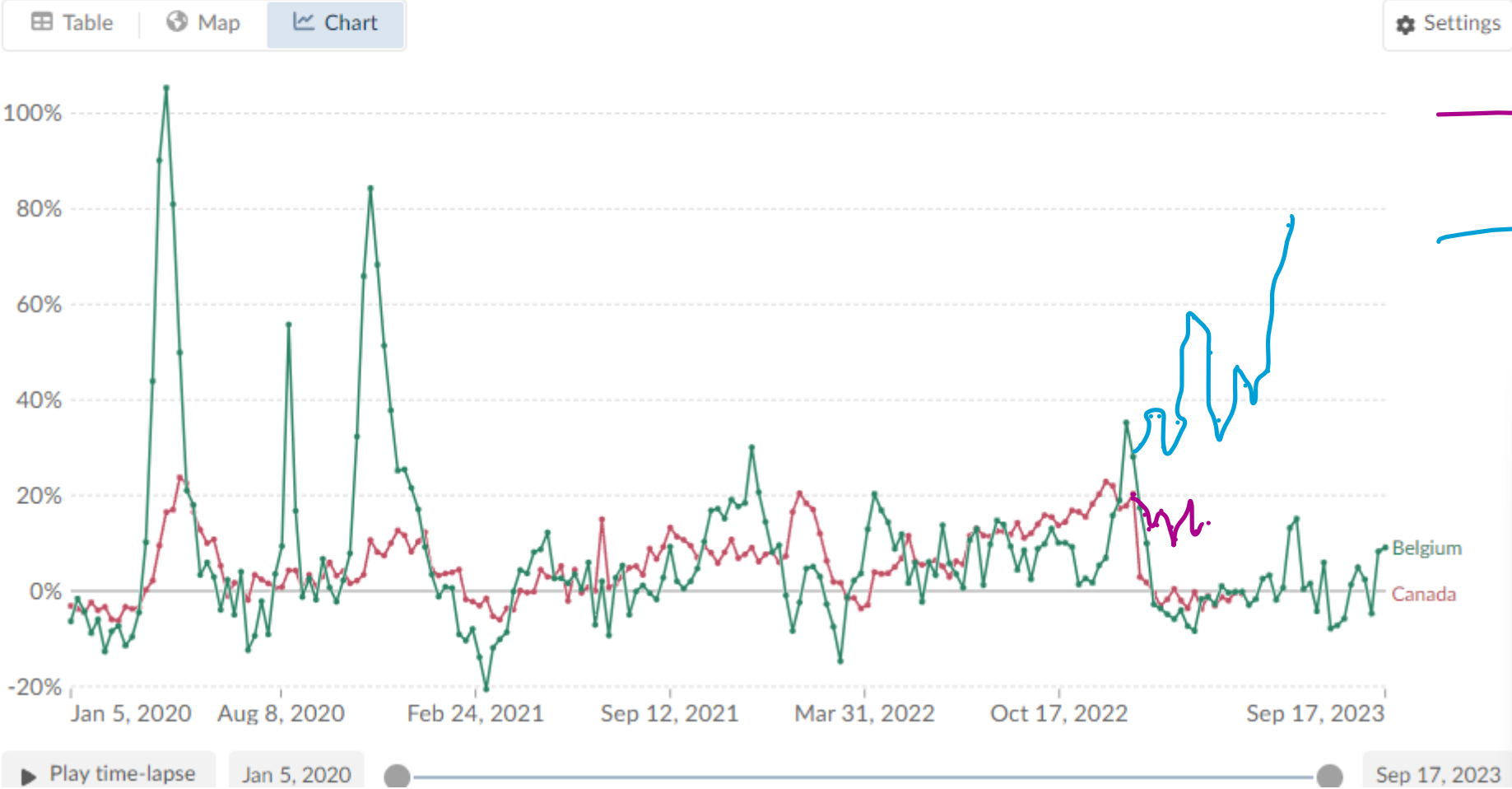▶ Play time-lapse | Jan 5, 2020 ●━━━━━━━━━━━━━━━● Sep 17, 2023

Excess mortality: Deaths from all causes compared to projection based on previous years

The percentage difference between the reported number of weekly or monthly deaths in 2020–2022 and the projected number of deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.

⊞ Table | 🌐 Map | ⎘ Chart   ⚙ Settings

▶ Play time-lapse   Jan 5, 2020   ●━━━━━━━━━━━━━━━━━━━━━━━━━━● Sep 17, 2023

Excess mortality: Deaths from all causes compared to projection based on previous years

The percentage difference between the reported number of weekly or monthly deaths in 2020–2022 and the projected number of deaths for the same period based on previous years. The reported number might not count all deaths that occurred due to incomplete coverage and delays in reporting.
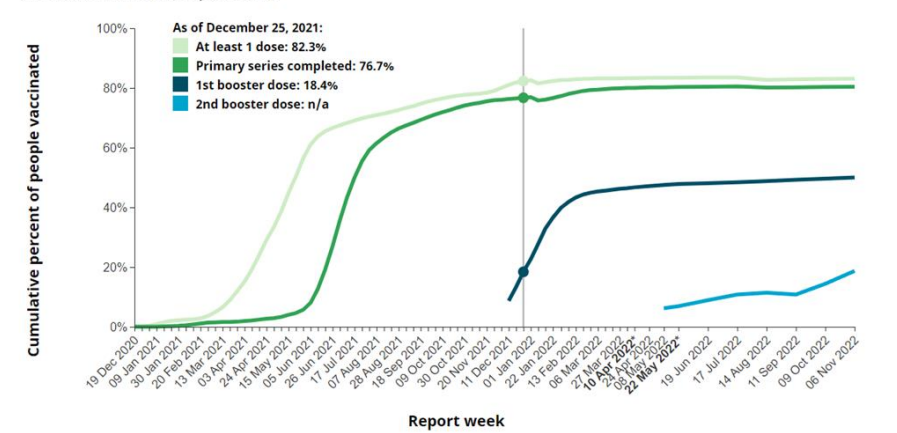
Our World in Data

| ⊞ Table | 🌐 Map | 📈 Chart |

⚙ Settings

Total EACM Canada

0-44 EACM Canada

▶ Play time-lapse   Jan 5, 2020   ●————————————————●   Sep 17, 2023

https://stats.oecd.org/index.aspx?queryid=24879#

→∣ Year	2022							
→∣ Gender	Total							
→∣ Age	65 and over							
→∣ Country	Australia		Austria		Belgium		Canada	
→∣ Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
→∣ Week number	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼	▲▼
1	395	17	-53.2	-3.4	-31.8	-1.6	944	19.4
2	781.8	33.8	-196.6	-12.2	-173.4	-8.3	1 470	29.4
3	982.6	42.7	18.2	1.2	-20	-1	1 634	32.9
4	940.6	41.2	10	0.7	93	4.5	1 585	32.6
5	848.8	37.3	-31.2	-2	98.8	4.6	1 462	31.2
6	712	31.1	52.8	3.4	87.4	4.1	1 138	24.3
7	575	25.3	76	4.9	-47.8	-2.2	808	17.4
8	512.2	22	28.8	1.8	-180.2	-8.4	630	13.7
9	515.6	22.4	130.2	8.3	-285.8	-13.2	641	14.1
10	303.2	13	94.6	6.2	-2.6	-0.1	385	8.5
11	455.2	19.8	187.6	12.7	36.8	1.8	414	9.2
12	439.8	18.9	397.6	29.2	123.2	6.3	318	7.1
13	475.2	20.2	297.4	21.2	277.4	14.6	306	7

Figure 2. Cumulative percent ∨ of people ∨ who have received a COVID-19 vaccine in Canada ∨ by vaccination status and report week, November 6, 2022

ⓘ Hover over or select a portion of the line graph to see the cumulative number or percentages of people vaccinated by vaccination status and report week.

As of December 25, 2021:
At least 1 dose: 82.3%
Primary series completed: 76.7%
1st booster dose: 18.4%
2nd booster dose: n/a

Cumulative percent of people vaccinated

Report week

* The reporting frequency changed from every week to every 2 weeks after April 10, 2022 and every 4 weeks after May 22, 2022.

>23 %

About 50% of the 65 plus who took the booster, it was administered by the first week in January 2022.

Immediate toxicity of shots including immunosenescence induction.

As the IgG1/3 are converted to IgG4 which no longer mediates ADE of spike protein, less immunosenescence and thus less EACM.

Year	2022
Gender	Total
Age	65 and over

Country	Australia		Austria		Belgium		Canada	
Variable	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)	Excess deaths (number)	Excess deaths (% change from average)
Week number								
1	395	17	-53.2	-3.4	-31.8	-1.6	944	19.4
2	781.8	33.8	-196.6	-12.2	-173.4	-8.3	1 470	29.4
3	982.6	42.7	18.2	1.2	-20	-1	1 634	32.9
4	940.6	41.2	10	0.7	93	4.5	1 585	32.6
5	848.8	37.3	-31.2	-2	98.8	4.6	1 462	31.2
6	712	31.1	52.8	3.4	87.4	4.1	1 138	24.3
7	575	25.3	76	4.9	-47.8	-2.2	808	17.4
8	512.2	22	28.8	1.8	-180.2	-8.4	630	13.7
9	515.6	22.4	130.2	8.3	-285.8	-13.2	641	14.1
10	303.2	13	94.6	6.2	-2.6	-0.1	385	8.5
11	455.2	19.8	187.6	12.7	36.8	1.8	414	9.2
12	439.8	18.9	397.6	29.2	123.2	6.3	318	7.1
13	475.2	20.2	297.4	21.2	277.4	14.6	306	7

>23 %

1st

13	475.2	20.2	297.4	21.2	277.4	14.6	306	7
14	537.6	22.8	355.4	26.4	437.6	24.4	700	16.1
15	389.6	16.2	229.6	17.3	368.6	21	689	16.1
16	555.2	23.1	142.4	11.1	318.6	18.4	709	16.5
17	541	22.7	229.4	18.4	188	11	765	18.2
18	623	25.6	165.8	13.2	220.2	13	830	19.6
19	585.4	22.9	121.8	10.1	49.6	2.9	1 034	24.9
20	559	21.9	157.8	12.8	122.2	7.3	782	19.2
21	568.4	21.8	111	9.3	-19.6	-1.2	763	19.2
22	660.6	25.1	133.8	11.2	115	7.1	787	20
23	751.2	28.1	154.6	12.9	68.4	4.4	811	20.9
24	880.6	33.2	166.6	13.7	241.2	15.6	795	20.6
25	685.4	25.5	235	20	116.4	7.2	677	17.7
26	565.4	20.7	214.2	18.2	88.2	5.6	736	19.1
27	712.4	25.6	174.4	14.6	1.8	0.1	811	21.2
28	709.6	25.5	163.6	14	220	14.2	1 030	26.9
29	683.6	24	330	26.6	235.6	14.8	1 065	28.2
30	647	22.3	226.2	17.8	46	2.8	1 016	26.6
31	711.4	24.9	165.6	13	177.8	11.3	1 081	28.5
32	616.6	21.5	139	11.6	286.4	18.4	1 075	28.2
33	381.6	13.1	200.6	16.3	283.4	18.4	1 034	27.2
34	377.6	13	120	10	199	12.6	1 004	26.4
35	209.8	7.2	36	3	140.8	8.9	1 078	27.9
36	325.4	11.4	159.8	13.8	175.2	11.4	939	24.1
37	324.8	11.6	143.4	11.9	45	2.9	1 009	25.8

2nd Booster