

2018 Weekly Influenza Report

Report No.: 02/2018

Issue date: 05 June 2018 (Week 23)

This report comprises data as at: Week 22 (week ending Sat 2 June)

Summary

- **Notified cases:**
 - Cases in **Week 22** are slightly **HIGHER** when compared with cases for the week prior, and **LOWER** than for the same week in 2017.
 - Total cases (since 1 January 2018) are tracking **HIGHER THAN** cases for the same time in 2017, but are **WITHIN EXPECTED LEVELS** for this time of the season.
 - The season is currently: **STEADY**
 - The predominant influenza type across the state is currently: Type A (**no further typing available as yet**)
 - Geographical spread¹ is currently: **SPORADIC**, with case numbers remaining low
- **Vaccine distribution figures*:**
 - Influenza vaccine doses distributed statewide: **1,607,445** doses (**as at 4 June 2018**)

**excludes vaccines purchased from the private market, workplace programs, etc.*

1. Definitions of geographic spread:

Sporadic – small numbers of laboratory-confirmed influenza cases reported, not above expected background level;

Localised – laboratory-confirmed influenza detections above background level in less than 50% of the state;

Regional – significant numbers of laboratory-confirmed influenza cases reported above background level in less than 50% of the state;

Widespread – significant numbers of laboratory confirmed influenza cases reported above background level in equal to or greater than 50% of the state.

Influenza Snapshot

Influenza notifications as at: 04/06/2018

Influenza types	Current epi week	Epi week -1	Epi week -2	Trend week-2 to week-1	% change (week-2 to week-1)	2018 YTD	2017 YTD	5 year avg YTD (2013-17)	Trend 5 yr avg to 2018 YTD	% change (5 year avg - 2018 YTD)
Influenza A	13	49	40	▲	22.5%	1218	1623	990	▲	23.0%
Influenza B	3	20	31	▼	-35.5%	1079	367	287	▲	276.0%
Other/not typed	0	10	1	▲	900.0%	68	10	10.4	▲	553.8%

SIZE

Age group (years)	Current epi week	Epi week -1	Epi week -2	Trend week-2 to week-1	% change (week-2 to week-1)	2018 YTD	2017 YTD	5 year avg YTD (2013-17)	Trend 5 yr avg to 2018 YTD	% change (5 year avg - 2018 YTD)
00 to 04	5	11	10	▲	10.0%	181	104	88.6	▲	104.3%
05 to 14	2	12	14	▼	-14.3%	204	164	96.8	▲	110.7%
15 to 64	8	50	42	▲	19.0%	1472	1170	793.8	▲	85.4%
65+	1	6	6	--	0.0%	507	562	306.8	▲	65.3%
Unknown	0	0	0	--	--	1	0	1.4	▼	-28.6%
Total	16	79	72	▲	9.7%	2365	2000	1287.4	▲	83.7%

SPREAD/ SEVERITY

VicSPIN sentinel GP consultations for influenza-like illness (ILI) as at: 26/05/2018

ILI rate per 1000 consults (current week)	ILI rate per 1000 consults (previous week)	ILI presentations (current week)	ILI presentations (previous week)	ILI presentations (YTD)	% Positive specimens Influenza (current week)	% Positive specimens Influenza (previous week)
2.7	3.2	19	21	59	0.0%	0.0%

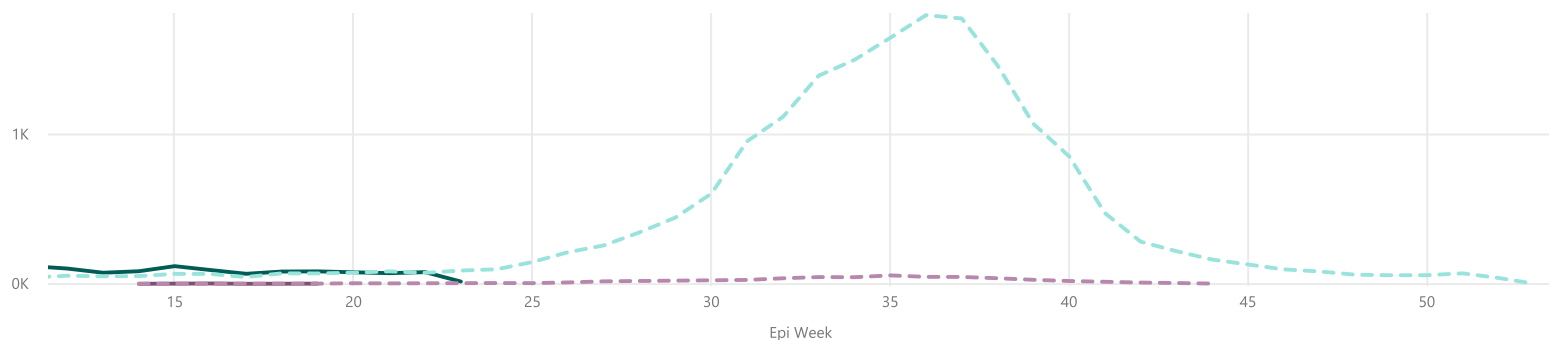
SEVERITY

FluCAN sentinel hospital admissions (at 4 sites) for laboratory-confirmed influenza as at: 02/06/2018

	Rate of influenza admissions per 100 hospital beds (current week)	Rate of influenza admissions per 100 hospital beds (previous week)	ICU Proportion (current week)	ICU Proportion (previous week)	2018 influenza admissions (YTD)	2017 influenza admissions (YTD)	Influenza admissions YTD 5 year avg (2013-2017)	% change (YTD 5 year avg - 2018 YTD)
Victoria	0	0	0	0	7	33	23.6	-70.3%

Epidemiological curves for influenza surveillance sources YTD

● Notification count ● FluCAN influenza admissions ● Notification count 5 year avg ● FluCAN 5 year avg



Influenza Snapshot by region as at: **04/06/2018**

Region	Current epi week	Week -1	Week -2	Trend week-2 to week-1	% change (week-2 to week-1)	2018 YTD	2017 YTD	5 year avg YTD (2013-17)	Trend 5 yr avg to 2018 YTD	% change (5year avg to 2018 YTD)
Unknown / blank	0	0	0	--	--	23	19	13.8	▲	66.7%
BARWON SOUTH WEST	0	5	4	▲	25.0%	116	80	81.6	▲	42.2%
EASTERN METROPOLITAN	4	16	17	▼	-5.9%	578	439	242	▲	138.8%
GIPPSLAND	1	3	0	▲	--	69	78	50	▲	38.0%
GRAMPIANS	0	3	4	▼	-25.0%	65	52	27.4	▲	137.2%
HUME	0	3	1	▲	200.0%	72	33	34.6	▲	108.1%
LODDON MALLEE	2	4	1	▲	300.0%	63	68	40.6	▲	55.2%
NORTHERN AND WESTERN METROPOLITAN	4	20	20	--	0.0%	669	548	388.4	▲	72.2%
SOUTHERN METROPOLITAN	5	25	25	--	0.0%	710	683	409	▲	73.6%

% Week on week change (week 2-week1) by region

