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1. Summary

TGA Doses released	2019	2020	2021	2022 - to date
NIP Supplies*	7.7 Million	9.4 Million	9.4 Million	9.2 Million
Private Market	5.4 Million	8.2 Million	11.1 Million	7.6 Million
TGA releases**	13.1 Million	17.6 Million	20.5 Million	16.8 Million

* Includes NIP and state programs

** Includes NIP, state programs and the private market.

Doses admin'd and reported to AIR since 1 March	2019	2020	2021	2022
By pharmacies	444,142	1,138,588	985,409	1,233,268
By GPs	4,122,208	6,451,707	4,409,804	4,294,455
By others	206,979	381,893	837,222	866,355
By all providers	4,773,328	7,972,184	6,232,435	6,394,076

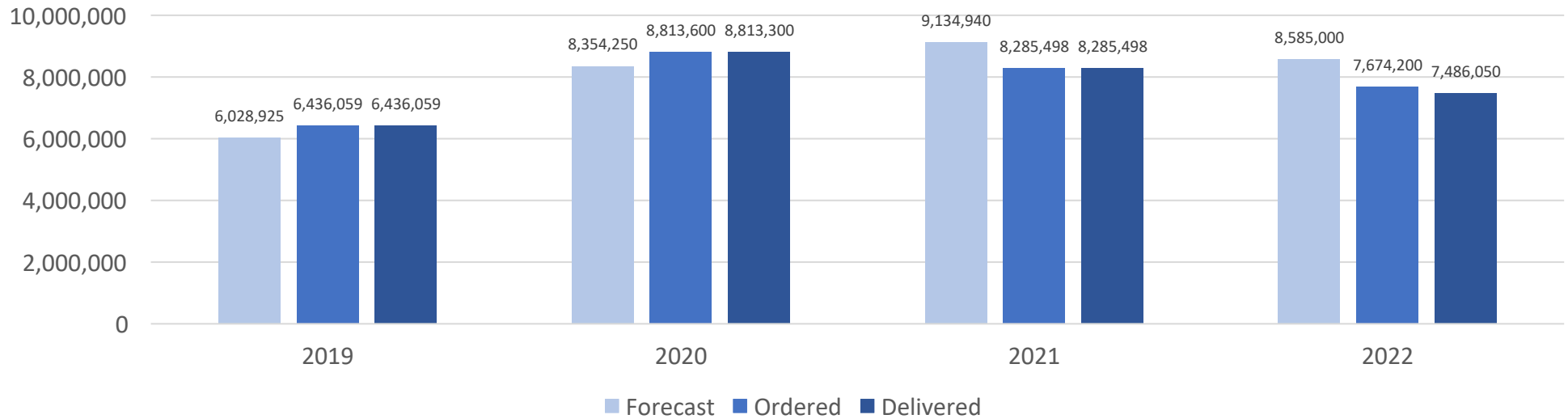
National Immunisation Program (NIP) flu doses...	Number
<u>Forecast</u> by states and territories	8,585,000
<u>Secured</u> by the Commonwealth for the NIP	8,885,000
<u>Ordered</u> by states and territories for the NIP	7,674,200
<u>Delivered</u> to state and territory warehouses	7,486,050
<u>Not yet delivered</u> to state and territory warehouses	188,150
<u>Held</u> as 'stock on hand' in state and territory warehouses***	-
<u>Distributed</u> to vaccination providers – Estimate***	-

Manufactured in Australia by Seqirus and released by the TGA	3,126,520
Seqirus' locally manufactured vaccines to be available for the Gov	1,044,850

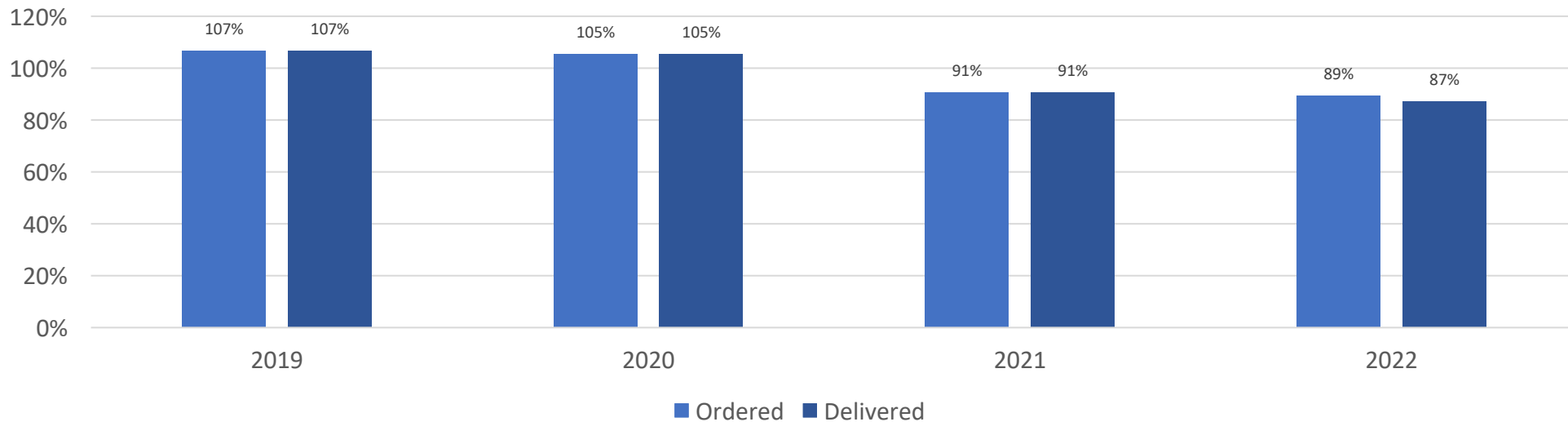
*** The Department does not regularly request data on “stock on hand” from states and territories until the end of April as the movement of stock is occurring too rapidly early in the season for this be viable.

2. NIP influenza forecasts, orders and deliveries – Supply pattern

Influenza supply pattern – Raw numbers



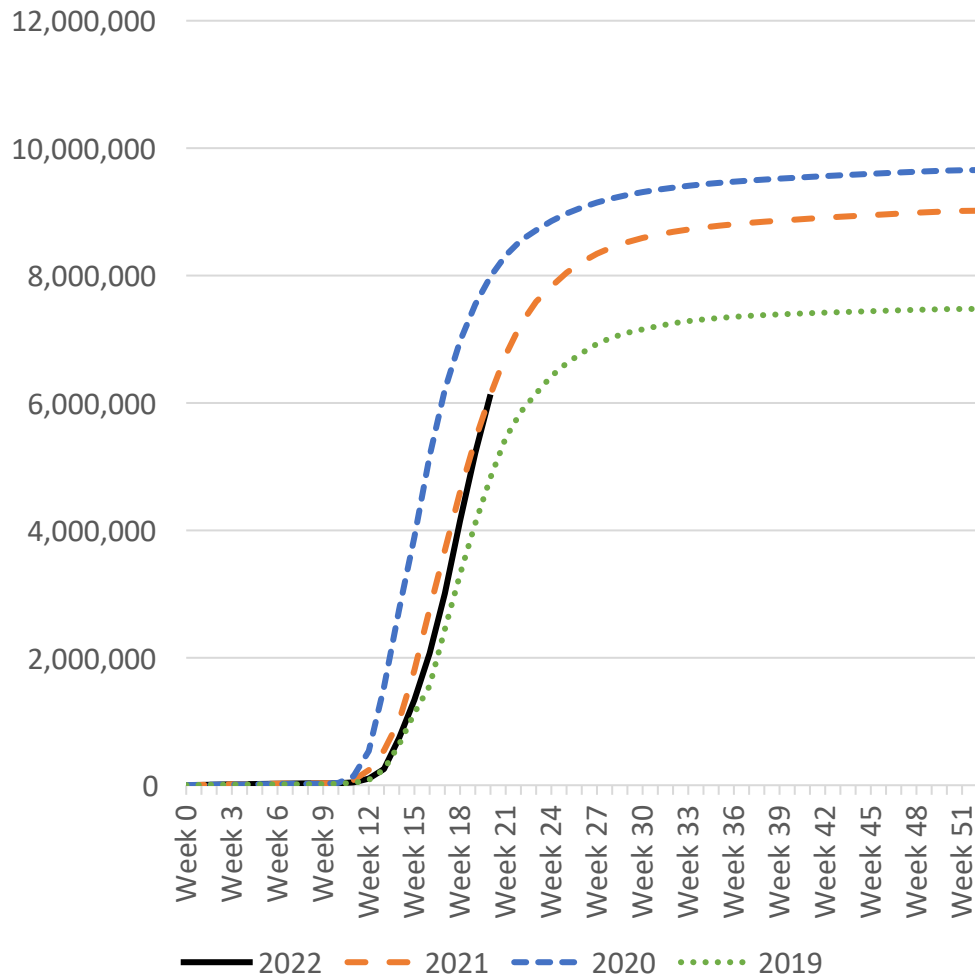
Influenza supply pattern – % of Forecast



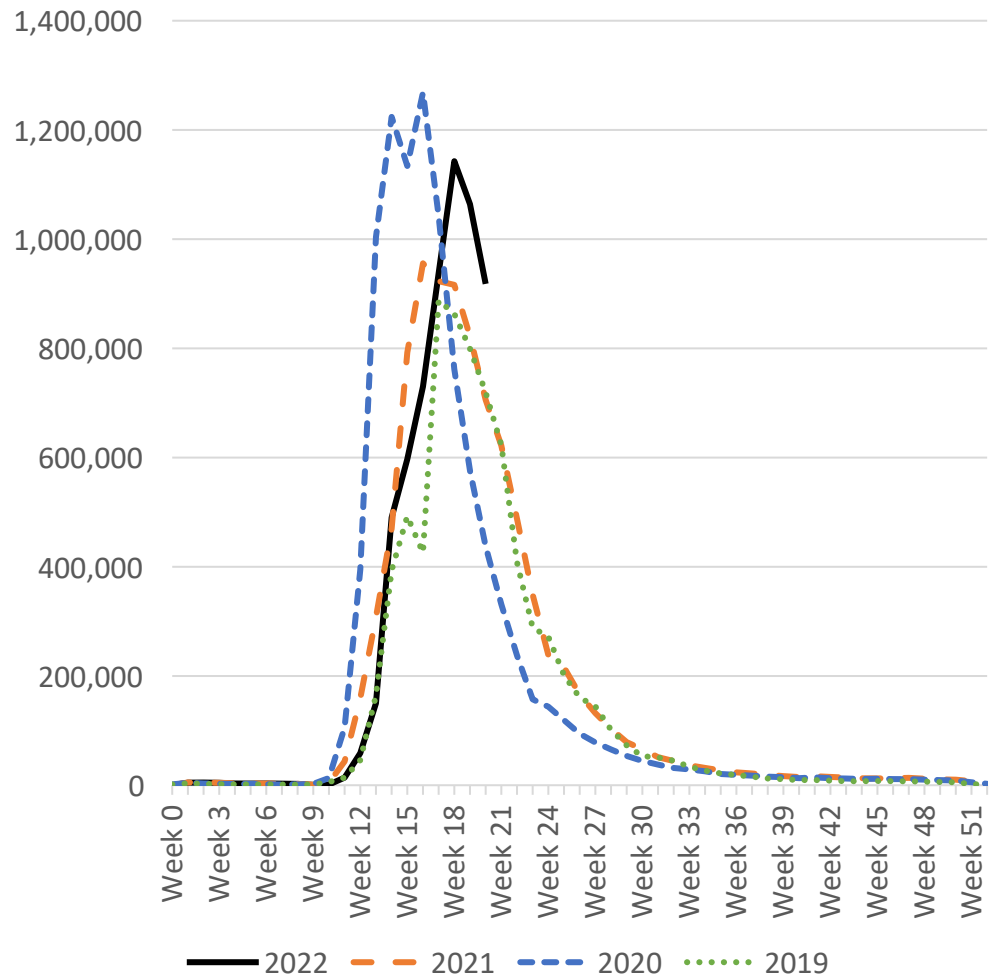
Vaccination data are drawn from the Australian Immunisation Register (AIR). It has been mandatory for vaccination providers to report flu vaccinations to the AIR since 1 March 2021. Data on vaccine forecasts, ordering and delivery are drawn from the Vaccine Administration System (VAS).

3. Vaccinations reported to the AIR since 1 January – Weekly profile and cumulative year to date

Cumulative weekly influenza vaccination episodes reported to the AIR



Weekly influenza vaccination episodes reported to the AIR



Vaccination data are drawn from the Australian Immunisation Register (AIR). It has been mandatory for vaccination providers to report flu vaccinations to the AIR since 1 March 2021. Data on vaccine forecasts, ordering and delivery are drawn from the Vaccine Administration System (VAS).

4. Forecasts, orders and deliveries (year to date) – State and Territory breakdown

Forecast	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
Under 5 years (all kids)	30,000	512,000	19,000	297,200	96,000	30,800	422,000	169,000	1,576,000
Between 5 and 64 years (at risk)	45,000	806,000	85,000	477,400	170,000	59,600	525,000	301,000	2,469,000
65+ years	64,000	1,582,000	21,500	875,400	360,000	114,600	1,100,000	422,500	4,540,000
Total Flu Forecasts	139,000	2,900,000	125,500	1,650,000	626,000	205,000	2,047,000	892,500	8,585,000

National reserve*	Total including national reserve
300,000	8,885,000

Orders placed	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
Under 5 years (all kids)	30,000	393,710	0	213,020	63,480	30,800	397,920	153,070	1,282,000
Between 5 and 64 years (at risk)	45,000	617,890	49,230	317,230	121,190	59,600	468,360	257,610	1,936,110
65+ years	64,000	1,582,000	17,590	795,400	360,000	114,600	1,100,000	422,500	4,456,090
Total Flu Orders Placed	139,000	2,593,600	66,820	1,325,650	544,670	205,000	1,966,280	833,180	7,674,200

* The vaccines kept as the National Reserve can be used for both the 5-64 and 65+ age groups.

Delivered doses	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Total
Under 5 years (all kids)	30,000	393,710	0	213,020	63,480	30,800	397,920	127,150	1,256,080
Between 5 and 64 years (at risk)	45,000	617,890	44,430	317,230	121,190	59,600	468,360	248,290	1,921,990
65+ years	64,000	1,581,700	15,990	753,650	360,000	114,600	1,038,400	379,640	4,307,980
Total Delivered Doses	139,000	2,593,300	60,420	1,283,900	544,670	205,000	1,904,680	755,080	7,486,050

Doses not yet delivered to Jurisdiction warehouses	0	300	6,400	41,750	0	0	61,600	78,100	188,150
Stock on hand**	-	-	-	-	-	-	-	-	-
Distribution – Estimate**	-	-	-	-	-	-	-	-	-

** The Department does not regularly request data on “stock on hand” from states and territories until the end of April as the movement of stock is occurring too rapidly early in the season for this to be viable.

5. Vaccinations reported to the AIR since 1 March (year to date) – State and Territory breakdown

Jurisdiction	Total	Age			Aboriginal or Torres Strait Islander		Provider type			Off label*	Vaccinations as a proportion of forecast***		
		<5	5-64 years	65 years+	Yes	No	GP	Pharmacy	Other		Total	<5	65 years+
AUS	6,394,076	166,569	3,591,816	2,635,691	108,571	6,285,507	4,294,455	1,233,268	866,355	413	74.5%	10.6%	58.1%
ACT	143,622	6,358	94,396	42,868	1,483	142,139	77,106	34,742	31,774	15	103.3%	21.2%	67.0%
NSW	1,957,675	54,437	1,069,187	834,051	36,454	1,921,221	1,380,594	345,443	231,638	120	67.5%	10.6%	52.7%
NT	38,211	1,555	27,494	9,162	11,252	26,959	17,343	3,893	16,975	1	30.4%	8.2%	42.6%
QLD	1,207,676	24,321	669,468	513,887	28,226	1,179,450	823,359	213,150	171,167	73	73.2%	8.2%	58.7%
SA	551,375	11,717	304,440	235,218	6,509	544,866	346,505	116,440	88,430	47	88.1%	12.2%	65.3%
TAS	168,590	3,294	92,055	73,241	4,925	163,665	102,088	41,181	25,321	5	82.2%	10.7%	63.9%
VIC	1,757,616	52,285	1,024,976	680,355	10,171	1,747,445	1,207,696	309,946	239,974	127	85.9%	12.4%	61.9%
WA	568,704	12,597	309,256	246,851	9,548	559,156	339,530	168,320	60,854	25	63.7%	7.5%	58.4%
Unknown**	607	5	544	58	3	606	234	153	222	0			

* Off label monitoring includes vaccines that may have been administered incorrectly or reported incorrectly to the AIR for children under 5 years of age.

** 'Unknown' jurisdiction reflects individuals not registered with Medicare and with no address details reported to the AIR.

*** Note that the 5-65 years category is not shown for vaccinations as a proportion of forecast as it is not possible to identify NIP-eligible individuals in this cohort in the AIR.

Note: All statistics are from the Australian Immunisation Register (AIR), and only include influenza vaccines reported as given since 1 March as the start of the flu season.

6. Vaccinations reported to the AIR since 1 March (differences from previous weekday) – State and Territory breakdown

Jurisdiction	Total	Age			Aboriginal or Torres Strait Islander		Provider type			Off label*	Vaccinations as a proportion of forecast***		
		<5	5-64 years	65 years+	Yes	No	GP	Pharmacy	Other		Total	<5	65 years+
AUS	177,767	7,698	118,692	51,377	3,934	173,833	110,377	39,989	27,401	11	2.1%	0.5%	1.1%
ACT	3,734	265	2,867	602	49	3,685	1,916	1,009	809	0	2.7%	0.9%	0.9%
NSW	49,193	2,071	32,032	15,090	1,062	48,131	32,025	11,026	6,142	1	1.7%	0.4%	1.0%
NT	1,546	155	1,186	205	765	781	415	160	971	0	1.2%	0.8%	1.0%
QLD	39,023	1,493	25,547	11,983	1,040	37,983	25,139	8,889	4,995	8	2.4%	0.5%	1.4%
SA	12,279	431	8,552	3,296	162	12,117	6,400	3,048	2,831	1	2.0%	0.4%	0.9%
TAS	4,342	169	2,899	1,274	145	4,197	2,544	1,195	603	-1	2.1%	0.5%	1.1%
VIC	51,244	2,465	35,203	13,576	323	50,921	32,786	9,982	8,476	4	2.5%	0.6%	1.2%
WA	16,391	648	10,393	5,350	388	16,003	9,147	4,675	2,569	-2	1.8%	0.4%	1.3%
Unknown**	15	1	13	1	0	15	5	5	5	0			

* Off label monitoring includes vaccines that may have been administered incorrectly or reported incorrectly to the AIR for children under 5 years of age.

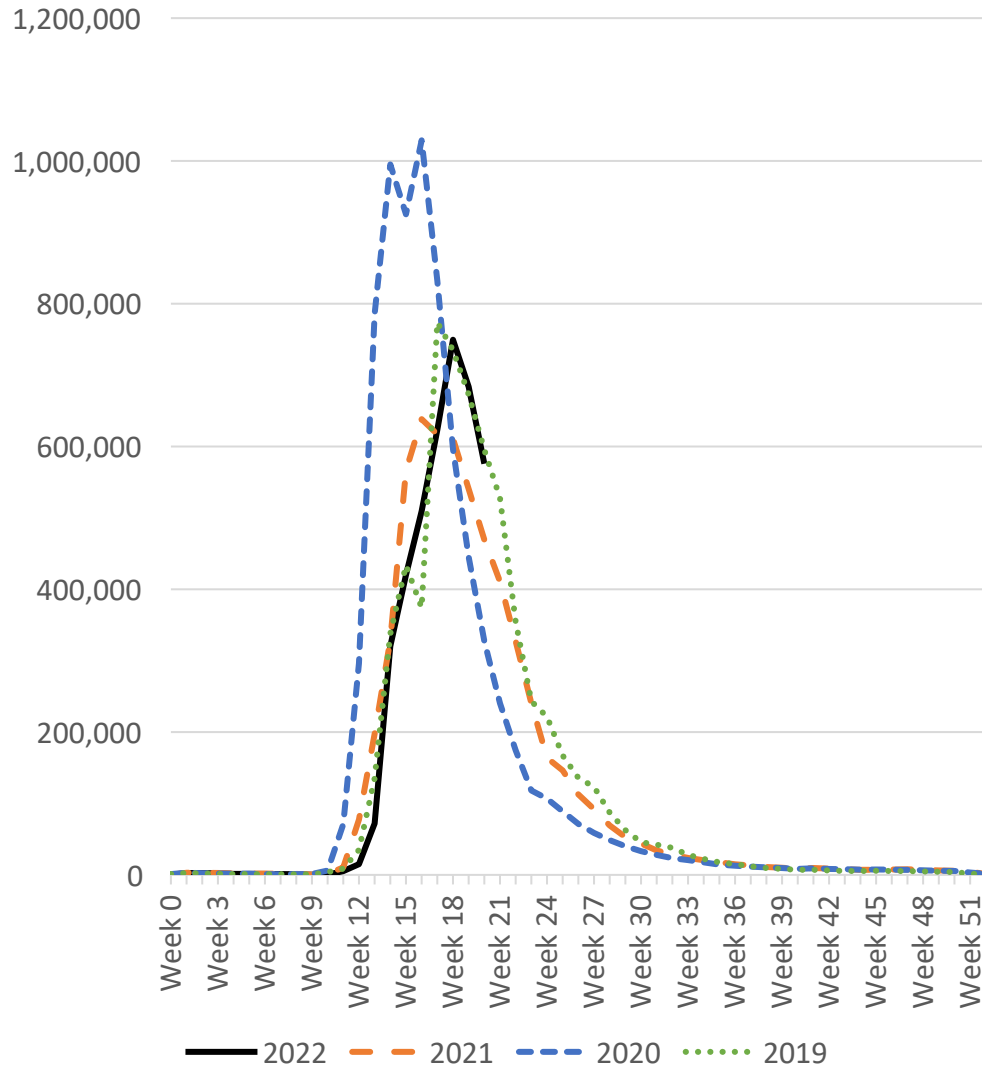
** 'Unknown' jurisdiction reflects individuals not registered with Medicare and with no address details reported to the AIR.

*** Note that the 5-65 years category is not shown for vaccinations as a proportion of forecast as it is not possible to identify NIP-eligible individuals in this cohort in the AIR.

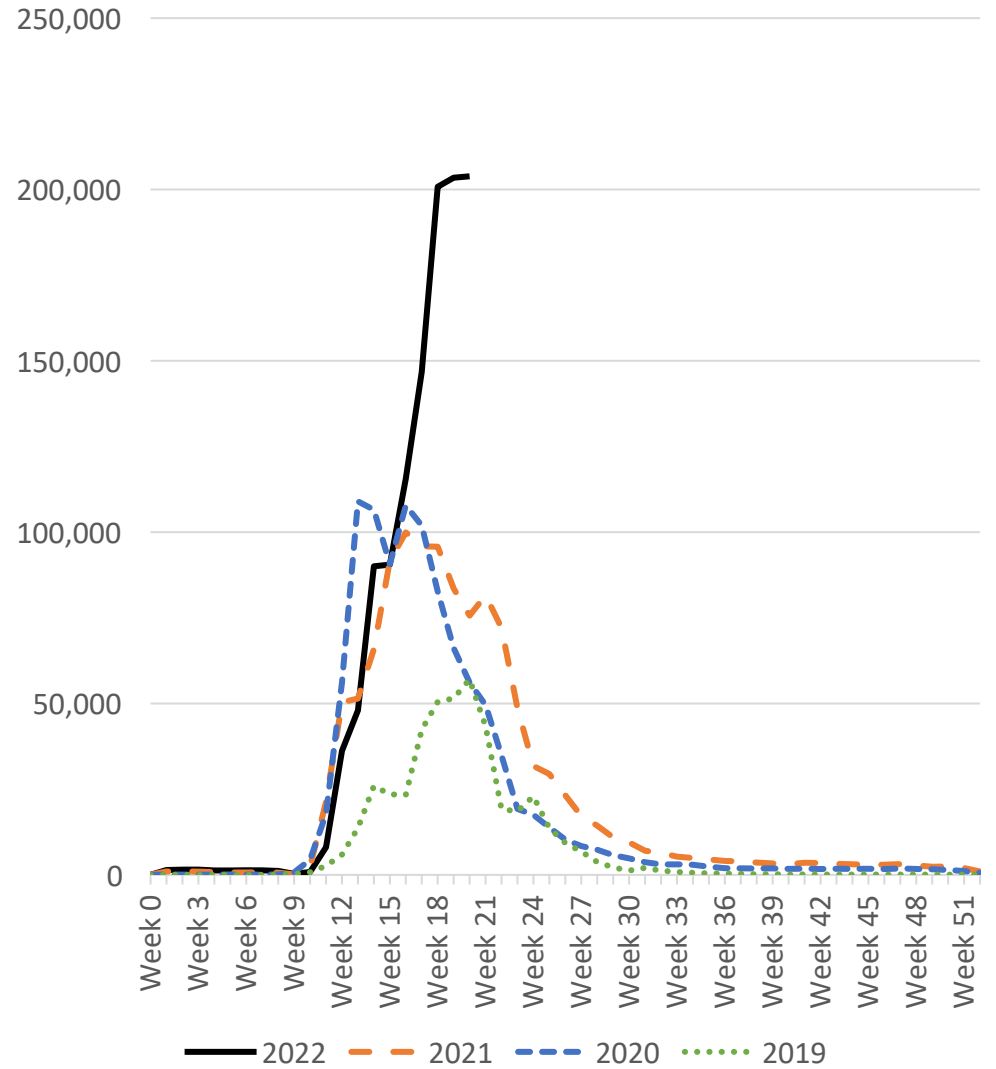
Note: All statistics are from the Australian Immunisation Register (AIR), and only include influenza vaccines reported as given since 1 March as the start of the flu season.

7. Vaccinations reported to the AIR since 1 January – Provider breakdown

Weekly totals - GPs



Weekly totals - Pharmacies



Vaccination data are drawn from the Australian Immunisation Register (AIR). It has been mandatory for vaccination providers to report flu vaccinations to the AIR since 1 March 2021. Data on vaccine forecasts, ordering and delivery are drawn from the Vaccine Administration System (VAS).

8. TGA vaccine releases for seasonal influenza

Year	2015	2016	2017	2018	2019	2020	2021	2022 - to date
NIP Supplies*	4.4 Million	4.5 Million	4.7 Million	6.3 Million	7.7 Million	9.4 Million	9.4 Million	9.2 Million
Private Market	3.2 Million	3.2 Million	3.6 Million	4.6 Million	5.4 Million	8.2 Million	11.1 Million	7.6 Million
TGA releases^	7.6 Million	7.7 Million	8.3 Million	10.9 Million	13.1 Million	17.6 Million	20.5 Million	16.8 Million

* Includes NIP and state programs

** Includes NIP, state programs and the private market.

9. Notes and caveats

- This automated report is generated and distributed each weekday throughout the flu season (1 March to end September). Should you or any colleagues wish to be added to the email distribution list, please request this via email to: AIRdata@health.gov.au
- The report contains a mix of data including...
 - Supply pattern data (forecast, ordered, delivered, etc), which all relate to flu vaccines ordered etc for the current flu season
 - Vaccinations reported to the AIR for this season only, where data are from 1 March (that this will include some of the previous year's stock)
 - Vaccinations reported to the AIR across multiple years, where all data are from 1 January in each respective year (also includes previous year's stock).
- There is a 'Reporting lag' for the AIR data, as vaccine providers can upload the immunisation encounter days or weeks after the actual encounter occurs.
 - The result of this 'Reporting lag' is the Immunisation figures for the current day/week appearing as lower than the reality of the situation.
- The AIR data includes influenza vaccinations given to Medicare eligible and non-Medicare eligible individuals.
- Vaccinations reported to the AIR are substantially more comprehensive and correct in the most recent years.
 - It became mandatory for recognised vaccination providers to report influenza vaccinations given in Australia to the AIR on 1 March 2021.
- The charts on pages 2, 3 and 7 show the current year (2022) along with the three previous years, with 2019 representing the most recent 'pre-covid' year.
- The Department does not regularly request data on "stock on hand" from states and territories until the end of April as the movement of stock is occurring too rapidly early in the season for this be viable – Once reported, "Distributed to providers" is calculated by subtracting stock on hand figures from doses delivered.
- The department will seek to make a number of enhancements to this report over time, including...
 - Seeking to include the number of influenza cases in the report
 - Shifting the emphasis in the summary from supply and distribution to the number of flu vaccinations reported to the AIR as the season progresses
 - Any enhancements that users of the report may suggest.
- Should you have any questions about this report please email AIRdata@health.gov.au or phone Adam Rowland, Director, AIR Stewardship, Data Quality and Use Section, Immunisation and Communicable Diseases Branch on: 0406 992 326.