



Dr Lisa Beecham

GCPHN Board Chair , Chair Clinical Advisory group Primary Sense Optimising vaccine uptake strategies and targeting high risk patients

1:00 pm







Gold Coast Primary Health Network Primary Sense Immunisation prompts, Reports, data Primary Sense Immunisation prompts, Reports, data Immunisation Coalition Conference 25th ASM Optimising vaccine uptake strategies and targeting high risk patients Dr Lisa Beecham GCPHN Board Chair, Chair Clinical Advisory group Primary Sense



Primary Sense Background

- Primary Sense Desk top App for General Practice
 - Population Health Planning and management
 - Risk Stratification of regional and practice level populations
 - Clinical e-decision support at point of care
 - High quality data and reporting









Clinician lead, ensuring best practice and fit for purpose now and into the future Dr Lisa Beecham (Chair) – GP, GCPHN Board member

Professor Mark Morgan (Deputy Chair) – GP, Assoc. Dean, Chair Expert Committee Quality Care, Chair PIPQI Data Governance Committee

Professor Kim Greaves – Cardiologist, epidemiologist ANU

Dr Krishan Madhan - Director Renal Medicine

Miranda Grace – CEO, Australian Association of Practice Managers (rep)

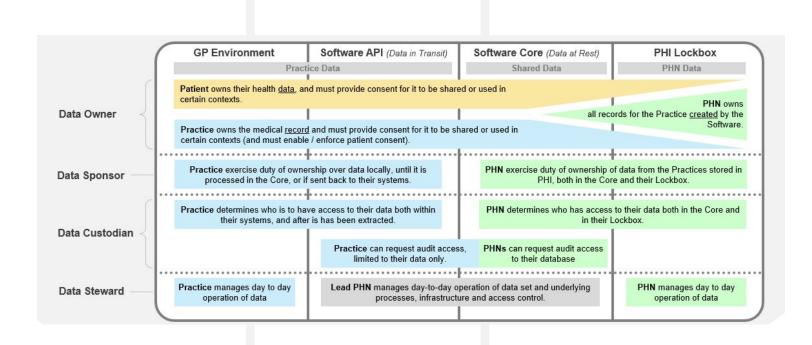
Helen Storer – Nurse Practitioner, Australian Association of Practice Nurses (rep Australian College Rural and remote medicine (



Strong Data Governance

Alignment in how PHNs manage the data lifecycle – strength in consistency

Aligns with RACGP and industry
Guidelines for strong data governance



Identify high-risk patient :counter prompt fatigue



Gap

 High risk patients missing vaccinations including high complexity patients and pregnant women

Benefits

- Annual vaccination is the most important measure to prevent influenza and its complications
- Recommended for all people with medical conditions and from vulnerable groups

Evidence

- Vaccinations are a safe and effective way to protect from serious disease caused by influenza.
- Influenza immunisation across our communities also protects other people, especially people who are ineligible for vaccination.
- The more people vaccinated in communities, the less likely the disease will spread*
- A consistent recommendation from HCP shown to increase uptake influenza vaccinations.

^{*}Source: Department of Health and Aged Care

Evidence for response to prompts

Table 2. Prompts: January 2021 to June 2021

Prompts listed according to priority	Occasions (n)	Interventions done (n)	%
Due influenza vaccination: Complexity 4 or 5 or pregnant	3,105	2,234	72
Due pertussis vaccination in pregnancy after 20 weeks	355	167	47
Due meningococcal vaccination: Aboriginal and Torres Strait Islander children	98	10	10
Due hepatitis A vaccination: Aboriginal and Torres Strait Islander children	165	16	10
Consider haemochromatosis testing for raised ferritins ×2 or raised saturated transferrin	1,949	198	10
Missing CV risk medication (statin and antihypertensive) when CV score is >15%	1,803	825	46
Due Heart Health Check when CV risk is >15% and statin and antihypertensive are missing	1,556	32	2
Due Aboriginal and Torres Strait Islander health assessment when CV risk score >10% and statin or antihypertensive missing	60	17	28
Due annual microalbumin pathology in diabetes or CKD	4,187	490	12
Due care plan: Complexity 4 or 5 (or 3 if hospital risk is >80%)	8,011	1,265	16
Due mental health care plan with 2 or more mental health conditions	796	172	22
Due medication review when there are 7 or more current medications	2,587	18	1
CKD, chronic kidney disease; CV, cardiovascular			

Supporting quality and safety in general practice

Response rates to computer decision support

Deborah Davies, Mark Morg

Background and objective Primary health networks (PHNs)

Hackground and expective
Primary health networks (PHNs)
are tasked with supporting quality
improvement in general practice.
Traditional methods to do this are labour
intensive and lack impact measurement.
We aimed to measure general practitioner
(GP) response rates to computer decision
support at the point of care.

Aethods Sold Coast PHN developed a decisi upport tool to deliver real-time nedication safety alerts and promp

support tool to deliver real-time medication safety alerts and prompts for interventions and record the GP intervention is 80 general practices covering \$19,000 patients. Results

with 1250 of the suggested intervent being done (40%). From January 202 June 2021, 19,019 prompts were trigg during a visit for 17,398 patients, with 5444 of the suggested interventions being done (22%).

Incursion

Iur findings suggest that GPs respond o automated, real-time medication safety lets and care prompts that are specific or individual patient need without the

were established in Australia in 2015 with the goal of increasing the efficie and effectiveness of medical services for patients, particularly those at risk poor health outcomes, and improving the coordination of care to ensure patients receive the right care in the right place at the right time. 1 To achie these chief time. 1 To achie these chief the PMM professions are consulted to the right time.

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However, the practical exp PHNs is that sustainable, n improvements in general p challenging to achieve."

The relative lack of form activities and inconsistence participation can lead to si

participation can lead to significate variation in patient care. 'There a well-known barriers to CQI, inch time to participate, organisational and a growing evidence-base that continuing practice support, train and financial incentives are requi

research on the best approaches to increase clinician participation in CQI is often subject to significant limitations, such as non-standardised and bundled interventions, and the findings might not

For some general practitioners (GPs) who are supported by their PHN, not being able to sustain quality improvement could be in part due to the fee-for-servic environment of general pactice, where ring-fenced time for GPs to engage in such activities is not funded through Mcdicare. Purthermore, fee for service mobile incentification are received in the properties of the properties and properties.

affecting the quality of care.'

From a PHN perspective, there is an expectation that their practice support must be more efficient and cost-effective, as highlighted by the Australian Department of Health, which recommends that the traditional approach to QQ of face-to-face meetings between PHN practice support can members and agencal practice staff might be at least be partly replaced through increased use of feednology, including

automated decision support.
Clinical decision support systems to be built into the clinician's workflow have impact and increase efficiencies.
Low response rates to decision support of the country of t

4 Reprinted from AMSP Vol. St, No. 11, November 2022

The Royal Australian College of General Practitioners 202

https://www1.racgp.org.au/ajgp/2022/november/response-rates -to-computer-decision-support

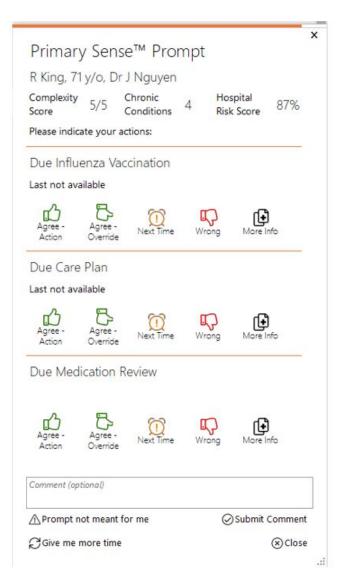
Prompts and Reports

Prompts

 Ensure high-risk patients do not slip though the gaps and miss getting their annual influenza vaccination, evidenced based

Reports to find patients

- booked in without a vaccination
- not booked in without a vaccination
- not visited for a long time and decide whether to inactive them.
- QPIP /audit report



Reports in Primary Sense that support influenza vaccinations sms functionality



- Winter Wellness
- Pregnant Vaccination
- Chronic Lung Disease and Asthma
- Frailty Care Management
- Patients missing PIP QI or accreditation measures

Remove \$	ACG Score	Patient Name	Patient Phone	Last Visit	Existing Appt	GP Name	Age \$	ATSI \$	Frail \$	Indicated By Dx/Rx 🔷	Last EDS	Last Fluvax Vaccination	Last Pneumovax = Vaccination	Covid Vaccine \$ Count	Last Covid Vaccination	Last Covid Infection
Remove	5	Anderson, C	0401 234 567	2021-09-22	Nil	Dr B Lee	77			methylprednisolone, tacrolimus	Nil	Nil	Nil	0	Nil	Nil
Remove	5	Smith, Y	0401 234 567	2022-07-24	Nil	Dr B Lee	65	Υ		metformin, tacrolimus	Nil	Nil	Nil	0	Nil	Nil
Remove	5	Lee, Q	0401 234 567	2022-09-24	Nil	Dr B Lee	64	γ		Affective Psychosis, Diabetes, insulin degludec and insulin aspart, metoprolol	Nil	Nil	Nil	0	Nil	Nil
Remove	5	Campbell, K	0401 234 567	2022-07-24	Nil	Dr B Lee	51	Υ		Affective Psychosis, Cardiovascular Disease, bisoprolol, mycophenolic acid, prednisolone	Nil	Nil	Nil	1	2021-05-10	Nil
Remove	5	Ryan, E	0401 234 567	2022-09-24	Nil	Dr B Lee	62	Υ		CKD low eGFR	Nil	2022-10-06	Nil	1	2021-09-30	Nil
Remove	4	Brown, I	0401 234 567	2021-09-22	Nil	Dr B Lee	72			Affective Psychosis, Cancer, docetaxel	Nil	Nil	Nil	0	Nil	Nil
Remove	4	Brown, S	0401 234 567	2021-10-01	Nil	Dr B Lee	83		Υ	Cardiovascular Disease, metoprolol	Nil	2022-10-06	Nil	0	Nil	Nil

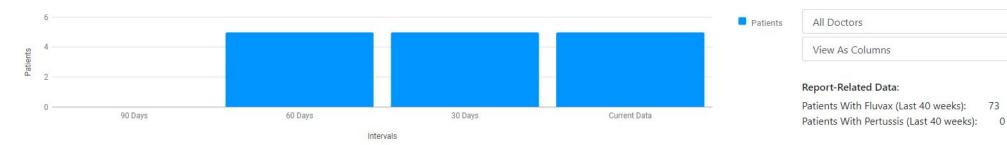
Pregnancy and Vaccinations Report

Pregnant and Vaccinations DEMO 27 April 2023 13:50



Report Synopsis

Number of pregnant Patients across 30 day intervals



Note: Empty interval columns will populate over time.

Pregnant women without a record of vaccination for pertussis and/or influenza during this pregnancy.

Information about this table

Show		Export To Excel	Export To CSV								Search:
25	\$										
patients	s per page										
Mark \$	Patient Name	Patient Phone	Last Visit	Existing Appt	GP Name \$	Age \$	Fluvax Date	Pertussis Date	Weeks Pregnant 🔷	Estimated Due Date	♦ Source ♦
Remove	Ryan, Q	0401 234 567	2021-09-22	Nil	Dr T White	32	N	N	35	2023-05-18	Ultrasound
Remove	Taylor, Y	0401 234 567	2021-09-22	Nil	Dr T White	33	N	N	32	2023-06-07	Ultrasound
Remove	Thompson, L	0401 234 567	2021-09-22	Nil	Dr T White	26	N (2022-10-06)	N	26	2023-07-17	Ultrasound

Winter Wellness Report

Winter Wellness DEMO 09 May 2023 10:32

What are ACG patient complexity levels?

Vulnerable patients over 5 years old who may be eligible for seasonal vaccinations

Export To Excel

Export To CSV

Vulnerable patients are those who are generally older, with multi-morbidity, frailty, certain diseases or immunosuppressed. Conditions are identified by diagnosis and/or medications used to treat the conditions (Rx) - patients with high complexity scores are also included for your consideration. Please note the fluvax is only shown if it was given in the past 15 months, covid vaccination and pneumovax is the last date given. Count of Covid vaccinations is where it is recorded in your system. The date of the last COVID infection recorded is provided if documented. Please click on Information about this table for more explanation. EDS is a discharge summary where received from the hospital.

Information about this table

25

patients per	page															
Remove	ACG Score	Patient Name 🍦	Patient Phone	Last Visit	Existing Appt	GP Name	Age	ATSI \$	Frail \$	Indicated By Dx/Rx 🍦	Last EDS	Last Fluvax Vaccination	Last Pneumovax \$ Vaccination	Covid Vaccine \$ Count	Last Covid Vaccination	Last Covid Infection
Remove	5	Martin, O	0401 234 567	2021-09-27	Nil	Dr B Johnson	89			Cancer, CKD low eGFR, metoprolol, prednisolone	Nil	2022-10-06	Nil	0	Nil	Nil
Remove	5	Jones, Q	0401 234 567	2021-09-22	Nil	Dr B Johnson	77			methylprednisolone, tacrolimus	Nil	Nil	Nil	0	Nil	Nil
Remove	5	Lee, R	0401 234 567	2022-07-24	Nil	Dr B Johnson	65	Υ		metformin, tacrolimus	Nil	Nil	Nil	0	Nil	Nil
Remove	5	Johnson, U	0401 234 567	2022-09-24	Nil	Dr B Johnson	64	Y		Affective Psychosis, Diabetes, insulin degludec and insulin aspart, metoprolol	Nil	Nil	Nil	0	Nil	Nil

Search:

CQI Template

Continuous Quality Improvement (CQI)

Influenza Immunisation using Primary Sense™

Where appears this is for the practice to complete

Ask-Do-Describ	9
Why do we war	t to change?
Gap	High risk patients missing vaccinations including high complexity patients and pregnant women
Benefits	Annual vaccination is the most important measure to prevent influenza and its complications and is recommended for all people with medical conditions and from vulnerable groups which increase the risk of influenza complications.
Evidence	Vaccinations are a safe and effective way to protect from serious disease caused by influenza. Influenza immunisation across our communities also protects other people, especially people who are ineligible for vaccination. The more people vaccinated in communities, the less likely the disease will spread (Department of Health).
What do we wa	nt to change?
Topic	Ensure that our high-risk patients do not slip though the gaps and miss getting their annual influenza vaccination. We will do this through
	Promoting use of the Primary Sense desktop for GPs so they get prompts to vaccinate at the point of care for high complexity or pregnant patients Use reports to find patients booked in without a vaccination Use reports to find patients not booked in without a vaccination Use reports to find patients that haven't visited for a long time and decide whether to inactive them
	The best reports to find most of at risk is the winter wellness and pregnancy. Other reports showing influenza vaccinations are below, but the same patients may appear across them. You could choose to use other reports, and to avoid double counting, export names from each via excel and count once
	Patients booked in with missing PIP QI measures
	Patients missing PIP QI or accreditation Measures
	Chronic Lung Disease and Asthma
	Frailty Care Management
How much do w	ve want to change?
Baseline	Count the number of patients on the winter wellness report and count those without an influenza vaccination (blank date) (the last influenza vaccine will only show if within the past 15 months) Count the number of patients on the pregnancy report and count those without an influenza vaccination (blank date)The last vaccine date will be in brackets if before the pregnancy started and very close to the start date)

	> This PC > Documents > Primary Sense > Reports
	Entries at the bottom of the table is the number of patients on the reports – noting baseline will change if new patients come on reports and some patients are on reports for factors other than influenza vaccinations
	Remove Williams, A
	Showing 1 to 25 of 49 entries
Target	Our practice aims to reduce the number of patients on the winter wellness report requiring influenza vaccinations byeach week Our practice aims to reduce the number of patients on the pregnancy report requiring influenza vaccinations byeach week Our practice aims to increase the number of GPs with a desktop app to
Who are involved in	the change?
Contributors	QI Team lead/QI team members Practice Manager GPs/Practice Nurses/Receptionists PHN Support Officer
When are we makin	g the change?
Deadlines	Baseline data report generated (date) Implementation between (date <u>range)</u> Review meeting (date)
How are we going to	
Potential solutions	Delete as required
	Identify eligible patients through Primary Sense Promote influenza vaccination via SMS alerts, phone messages, posters and pamphlets Review current appointment systems Consider designated immunisation clinics for at risk and vulnerable groups (allocate appropriate times when the risk of potentially infectious patients being onsite is minimised) Flag eligible patients and book with GP/RN Opportunistic influenza vaccinations for patients with current booked appointments Ensure consistent use of the 'not given here' option in clinical software and entering the date the patient provides if immunisation given elsewhere
Implement	List your chosen solutions in order of implementation 1 2
Monitor	Review 1 - Date: What is working/not working? Has there been a change in data? If not, why not?

2023 data

Practice where most of their GPs have the app

- Have vaccinated on average 40% more of their complex patients against influenza
- Recorded smoking on average 20% more often
- Data was collected on 14 th July 2023. Of the high-risk patients, so far 64% had influenza immunisation recorded

	BNPHN	BSPHN	GCPHN	NTPHN	NMBPHN	SNPHN	TPHN	WAPHN	Totals
GPs with desktop –	174	174	150	145	180	172	210	152	1357
average patients									
vaccinated	u.						12		
GPs without desktop-	99	127	101	71	120	137	100	99	854
average patients									
vaccinated									
% increase in GPs with	43%	27%	33%	51%	33%	20%	52%	35%	37%
desktop									

2023 data

	BNPHN	BSPHN	GCPHN	NTPHN	NMBPHN	SNPHN	TPHN	WAPHN	Average
Number of patients with prompts for influenza	6795	5475	2916	58	2279	3322	1037	8008	
Number of vaccines done on the day of the prompt	1900	1385	527	12	463	870	293	1966	
Total as % on the day vaccine done	28%	25%	18%	21%	20%	26%	28%	25%	24%
Number of vaccines done between day 1 and 15 post prompt	2270	1698	429	12	580	793	237	1921	
As % during day 1-15 vaccine done	33%	31%	15%	21%	25%	24%	23%	24%	24%
Total as % two weeks after a prompt	61%	56%	33%	41%	46%	50%	51%	49%	48%
number of vaccines done between day 16 and 28 post prompt	1315	1018	246	6	296	514	113	1057	
as % during day 16-28 vaccine done	19%	19%	8%	10%	13%	15%	11%	13%	14%
Total as % four weeks after a prompt	81%	75%	41%	52%	59%	66%	62%	62%	62%

NB GCPHN has been switching between V1 and V2 which may have lowered their <u>results</u>

What difference does Primary Sense make on the GCPHN A look at the % of patients in each band immunised in 10 practices with similar patient size. Based on who visited during the year and had an ACG record

The 5 practices with highest influenza imm % that received the most influenza prompts immunised on average 42% of their over 65yrs. The 5 practices with lowest influenza imm % rate (no prompts) averaged 30%

Practices with high volume of prompts raise the GC average

The effect of prompting for band 4 and 5 and 3 with high hospital risk may flow into the other bands

5 practices	No Prompts	Band 1	Band 2	Band 3	Band 4	Band 5
Age band	65-69	13%	11%	30%	42%	61%
	70-74	9%	20%	38%	53%	70%
	75-79	11%	23%	42%	57%	89%
	80-84	11%	13%	39%	70%	45%
	85+	10%	25%	45%	71%	47%
	Average	11%	18%	39%	58%	63%
	High					
5 practices	Prompts					
Age band	65-69	13%	29%	44%	55%	51%
	70-74	17%	37%	57%	67%	71%
	75-79	13%	40%	61%	69%	81%
	80-84	11%	40%	65%	74%	79%
	85+	16%	44%	63%	75%	75%
	Average	14%	38%	58%	68%	71%

By applying timeframes to the data, we can very quickly see changes to vaccination rates and patterns overtime 2022 saw a total of 558K vaccinations

2023 saw 351k total vaccinations, mainly due to the decrease in covid vaccinations

Patients visiting both years were about the same 880k

	2022Jar	n Fe	b M	ar A	pril Ma	y J	une Jul	y Au	g Sep	Oct	Nov	Dec	Т	otal
COVID		78091	34791	20424	16534	23495	16061	26096	9002	2998	1889	3540	1624	234545
Flu Vacc		287	201	1539	44550	60647	30040	8953	2575	1098	686	671	421	151668
DTPplus		3045	2843	3193	2596	3098	2886	2885	3162	2892	3177	3046	2607	35430
Prevenar		2210	2363	2893	2752	3583	3150	2773	2882	2425	2624	2640	2027	32322
Pertussis		1405	1595	1823	1633	1783	1624	1498	1552	1451	1402	1396	1133	18295
MMR		1284	1261	1491	1196	1490	1452	1347	1511	1418	1460	1442	1229	16581
Rotavirus		1212	1093	1300	1073	1248	1161	1115	1268	1110	1173	1140	991	13884
MenACWY		624	612	791	606	806	832	825	870	787	734	704	651	8842
Dip tet		583	657	879	622	604	609	597	580	614	573	706	578	7602
Not allocated		440	585	649	506	637	665	564	788	734	708	706	581	7563
Childhood HIB		571	544	550	473	571	539	491	576	546	659	627	548	6695
Hepatitis B		430	478	549	492	569	542	478	520	464	426	494	401	5843
Meningococcal		401	462	492	405	474	489	450	535	481	476	523	490	5678
Varicella		240	483	570	365	573	496	451	512	431	475	405	270	5271
HPV		204	194	358	312	326	233	204	166	198	258	300	205	2958
Typh Hep A		9	49	54	62	105	119	130	208	239	234	301	226	1736
Typhoid		24	33	54	73	104	112	113	192	214	205	249	167	1540
Hepatitis A and B		47	59	71	70	78	93	81	95	82	83	76	78	913
Hepatitis A		37	35	68	35	56	115	85	90	61	83	111	87	863
														558229

:	2023Jan	n Feb	Ma	r Ap	ril [May J	une Ji	uly A	Aug S	Sep O	ct N	ov De		Grand Total	Change from 2022
Flu Vacc		281	109	2435	53545	41230	13941	8699	4113	1198	839	820	476		
COVID		1167	2936	10035	11115	11331	6273	2914	1727	1181	1403	4293	2177	56552	-63%
DTPplus		3251	2683	3069	2365	2976	2571	2689	2624	1810	1801	1675	1209	28723	-19%
Prevenar		2362	2172	2278	2327	2915	2648	2363	2402	2005	2123	2046	1634	27275	-16%
Not allocated		720	868	1408	1429	1395	1063	843	888	737	739	4078	3689	17857	7 -2%
Pertussis		1411	1446	1785	1555	1689	1477	1447	1434	1207	1248	1295	1043	17037	7 3%
MMR		1528	1361	1531	1262	1492	1384	1302	1381	1187	1240	1176	840	15684	13%
Rotavirus		1136	952	1096	838	1021	949	952	1029	869	967	875	738	11422	29%
MenACWY		771	669	721	597	743	813	752	783	615	640	580	397	8082	ı 6%
Dip tet		720	641	755	583	605	549	564	598	615	661	586	602	7479	-1%
Childhood HIB		706	578	641	526	631	570	551	561	500	505	516	382	6667	7 0%
Meningococcal		553	493	631	512	623	485	578	574	455	513	426	270	6113	3 5%
Hepatitis B		419	483	625	479	614	527	500	560	454	400	363	243	5667	7 0%
Typh Hep A		328	360	422	296	394	290	340	372	394	357	372	219	4144	4 -21%
Varicella		297	340	402	353	492	395	352	327	248	176	39	19	3440	16%
Typhoid		217	239	291	228	269	216	192	272	248	213	220	172	2777	7 60%
HPV		201	175	254	218	213	156	175	125	107	112	86	80	1902	24%
Hepatitis A		91	100	120	87	132	111	113	150	123	133	123	110	1393	3 53%
Hepatitis A and B		75	104	123	74	116	101	113	88	84	86	101	63		
														35102	7

A look at the % of patients in each band immunised. Based on who visited during the year and had an ACG record

General drop in influenza vaccinations noting can be done in pharmacies etc

	Age band	Band 1	Band 2	Band 3	Band 4	Band 5
2022	65-69	17%	30%	44%	58%	65%
	70-74	22%	40%	58%	74%	83%
	75-79	21%	43%	63%	79%	89%
	80-84	21%	42%	65%	80%	90%
	85+	22%	40%	64%	83%	91%
	Average	21%	39%	59%	75%	84%
2023	65-69	15%	22%	37%	50%	55%
	70-74	19%	30%	49%	63%	67%
	75-79	18%	34%	54%	68%	74%
	80-84	17%	32%	56%	70%	76%
	85+	20%	31%	55%	69%	72%
	Average	18%	30%	50%	64%	69%

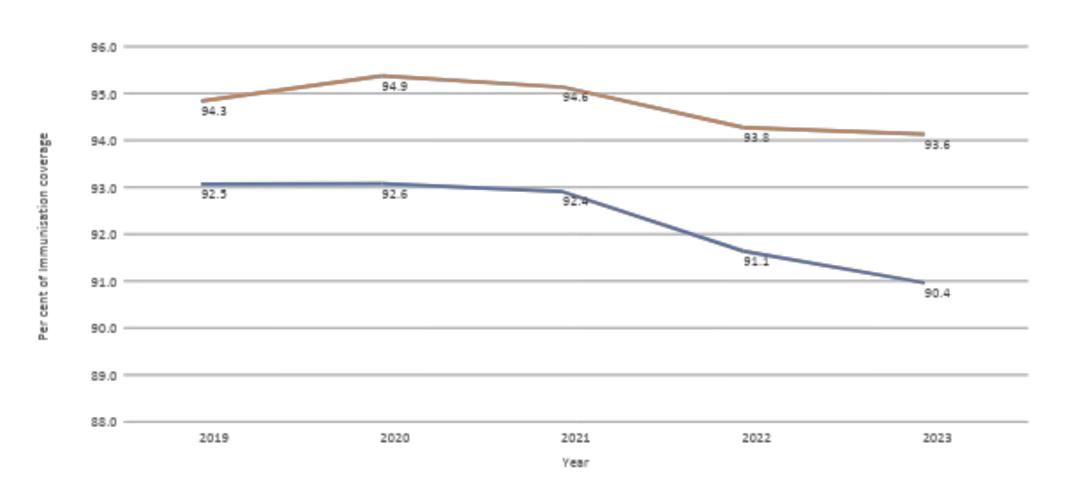
Simar drop with pneumococcal vaccination in the over 70yrs

	Age band	Band 1	Band 2	Band 3	Band 4	Band 5
2022	70-74	3%	6%	11%	14%	16%
	75-79	2%	5%	9%	12%	14%
	80-84	1%	4%	7%	9%	12%
	85+	1%	4%	6%	9%	11%
	Average	1%	4%	7 %	9%	11%
2023	70-74	3%	6%	9%	11%	11%
	75-79	1%	4%	7%	8%	8%
	80-84	1%	3%	6%	6%	8%
	85+	1%	2%	4%	5%	6%
	Average	1%	3%	5%	7%	7%

Immunisation coverage rates for one-year olds GC vs National



Gold Coast
 Natinal

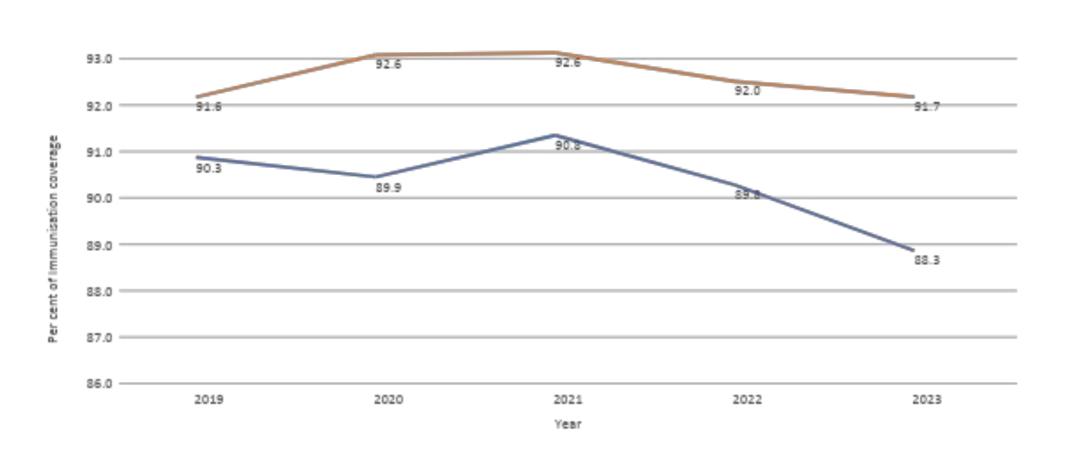


Immunisation coverage rates for two-year olds GC vs National



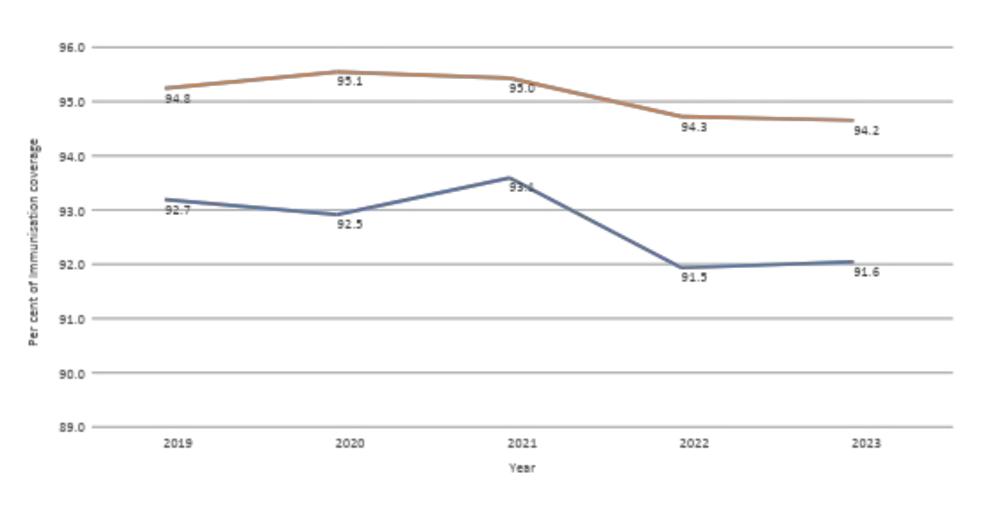
Natinal

- Gold Coast



Immunisation coverage rates for five-year olds GC vs National





Macro level population planning

Hospitalisation risk in primary care patients

(Primary Sense, Gold Coast PHN)

COPD	Number of patients	Hospitalisatio n risk in 12 months	Patients with 12-month hospitalisation risk >80%	
	32,123	41.9%	4,941	

Potentially preventable hospitalisations

(top 5 chronic PPH, Gold Coast, 2019-20)

Condition	Number of PPH	Average length of stay	Total PPH bed days
COPD	1,849	4.6	8,507
Congestive cardiac failure	1,366	5.7	7,824
Diabetes complications	1,350	4.3	5,867
Iron deficiency anaemia	2,265	1.3	2,856
Angina	743	2.1	1,553

Chronic obstructive pulmonary disease (COPD):

Chronic condition with 3rd highest hospitalisation risk.

The most common cause of chronic potentially preventable hospitalisations.

Hospitalisation risk in primary care patients

(Primary Sense, Gold Coast PHN)

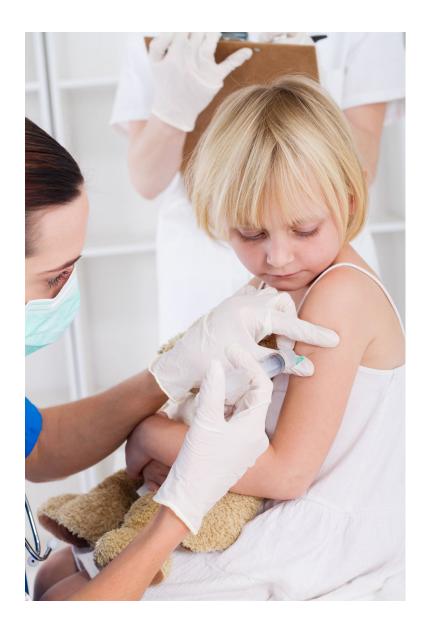
Chronic conditions	Number of patients	Hospitalisatio n risk in 12 months	Patients with 12-month hospitalisation risk	
			>80%	
Hypertension	187,001	25.5%	9,331	
Lipid disorder	156,719	25.2%	7,706	
Asthma	166,514	16.3%	5,878	
COPD	32,123	41.9%	4,941	
Osteoporosis	74,965	28.0%	4,769	
Ischemic heart condition	25,242	46.9%	4,231	
Diabetes	66,902	26.5%	4,133	
Congestive heart failure	6,060	68.3%	2,060	
Frailty	45,409	20.5%	2,386	
Renal failure	8,139	56.2%	1,865	
Rheumatoid arthritis	12,434	24.9%	589	
Low back pain	10,001	21.8%	471	
Deficiency anaemia	5,239	16.2%	147	

~ 47.000 patients visiting GPs on the Gold Coast with one of these 10 conditions likely to be hospitalised in the next 12 months.

Some chronic conditions can be managed effectively through timely Primary Care with care plans, immunizations medication review, behavior modification and lifestyle change, to prevent deterioration and hospitalization.

Future immunization plans for Primary Sense

- New Primary Sense report for childhood vaccinations currently being developed
- Report will include any child who is due for vaccinations as per the National Immunisation Program including influenza prompts
- Report will include any child who is due for vaccinations as per the National Immunisation Program including influenza prompts
- New Primary Sense nurse prompt on childhood vaccination currently being developed so Prompt may appear when a Nurse opens the child's record in the clinical software and child is due for vaccination as per the National Immunisation Program
- Prompts for indigenous patients for Meningococcal B in place already, prompts for non- indigenous patients for Men B being developed (SA and Qld state programs now funded) rest country private
- Study Vaximums for early pregnancy loss



Resources

Primary Sense tools to assist use in practice: https://www.practiceassist.com.au/The-Tool-Kit/Primary-Sense

https://www.youtube.com/watch?v=yRR2x8f9k28&ab channel=GoldCoastPrimaryHealthNetwork

Commonwealth Government 2023 influenza Immunization resource:

https://www.health.gov.au/resources/publications/2023-influenza-vaccination-program-advice-for-vaccination-providers?language=en

NCIRS resources for influenza:

https://ncirs.org.au/ncirs-fact-sheets-fags-and-other-resources/influenza

Australian Immunisation Handbook:

https://immunisationhandbook.health.gov.au/contents/vaccine-preventable-diseases/influenza-flu

Sharing knowledge about immunisation:

https://talkingaboutimmunisation.org.au/Why-does-my-child-need-a-flu-shot



Questions?



