

# 6-week immunisation event given report guide

## About this document

This guide describes the Power BI 6-week immunisation event given report purpose, and includes an example, data dictionary, known data issues, the filters, ways to sort the report, and information for data analysts.

Version	1.0
Date	29 May 2024
Changes	Initial release

## Report purpose

The report identifies pēpi who have a recorded outcome on the Aotearoa Immunisation Register (AIR) for one or more of the immunisations on the National Immunisation Schedule (NIS) due at six weeks of age.

It has been designed to support Primary Health Organisations (PHOs) with the reconciliation of funding to their practices for best practice pre-call, recall and completion of 6-week immunisation services for their enrolled populations during the period 1 April 2024 to 30 June 2025.

**Note:** There are known data issues relating to PMS integration with the AIR that are being worked through. This report provides information from the AIR, and PHOs will need to supplement with PMS data from their practices to accurately manage funding distribution to practices for 6-week immunisations given to their enrolled population. Updates will be made to this report to include additional components (see the data dictionary below) in future releases.

## When used

This report can be used by PHOs and Health New Zealand immunisation teams to track the uptake of 6-week immunisations.

It can be used by PHOs as the base-level information for 6-week immunisations delivered to their enrolled population (including immunisations delivered in settings outside general practice), however will require supplementary data from PHO general practices to ensure any data that is recorded in the PMS, but is not yet in AIR, can be reconciled and respective funding distributed at the end of each quarter.

**Note:** The contractual PHO quarterly reporting will enable PHOs to provide detail on the full distribution of funding to their general practices for 6-week immunisations.

# 6w Immunisation events given report

## Example report

### 6week Immunisation Events Given

**Te Whatu Ora**  
Health New Zealand

**AOTEAROA**  
IMMUNISATION  
REGISTER

District	PHO	Practice	NHI	Full Name	Date of Birth	Age Band	Gender	Prioritised Ethnicity	Ethnicity
Canterbury	Pegasus Health (Charitable) Limited	Medical Corner Doctors Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Rolleston Central Health Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Male	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Canterbury GP Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Canterbury GP Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Canterbury GP Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Christchurch North Health Centre Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Male	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	White Cross New Brighton Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Female	Asian	Other Asi
Canterbury	Pegasus Health (Charitable) Limited	Medical Corner Doctors Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Medical Corner Doctors Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Other	NZ Europ
Bay of Plenty	Pegasus Health (Charitable) Limited	Hei Hei Health Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Male	Maori	Maori
Bay of Plenty	Pegasus Health (Charitable) Limited	Hei Hei Health Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Male	Maori	Maori
Canterbury	Pegasus Health (Charitable) Limited	Mairehau Medical Centre	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Pacific Peoples	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Mairehau Medical Centre	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Pacific Peoples	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Mairehau Medical Centre	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Pacific Peoples	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	Silverstream Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Male	Other	Other Eur
Canterbury	Pegasus Health (Charitable) Limited	Silverstream Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Male	Other	Other Eur
Canterbury	Pegasus Health (Charitable) Limited	Silverstream Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	2+ Years	Male	Other	Other Eur
Canterbury	Pegasus Health (Charitable) Limited	Village Health Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Male	Pacific Peoples	Samoaan
Canterbury	Pegasus Health (Charitable) Limited	White Cross New Brighton Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Other	NZ Europ
Canterbury	Pegasus Health (Charitable) Limited	White Cross New Brighton Healthcare Limited	12345678	SMITHSON, HELEN	20/01/2019	1-2 Years	Female	Other	NZ Europ

Stuart.Turner@health.govt.nz  
Username

28/05/2024 00:00  
Last Refresh

2368  
# Records

aset

Summary

## Example summary

### 6week Immunisation Events Summary

Last data refresh  
28/05/2024 00:00

Version 2.0

**Te Whatu Ora**  
Health New Zealand

**AOTEAROA**  
IMMUNISATION  
REGISTER

District	PHO	Practice	Facility Type	Provider Type	Facility	Indication	Vaccine Type & Code	Consumer Status
Canterbury	Pegasus Health (Charitable) Limited	All	All	All	All	6W	All	All

2,368  
No. of Vaccinations

99  
No. of Facilities

788  
No. of Individuals

9  
No. with Outreach

No. pre-enrolled

Region

Te Manawa Takiri: 0% (2)

Te Wai Pounamu: 100% (2,366)

Age

7-12 Weeks: 62% (1,462)

3-5 Months: 36% (850)

6-12 Months: 1% (20)

1-2 Years: 1% (17)

2+ Years: 1% (19)

Antigen Type

DTaP-iPV-HepB/Hib: 34% (794)

RV1: 33% (780)

PCV13: 29% (683)

PCV10: 4% (104)

HepB: 0% (6)

Hib: 0% (1)

Immunisation event status/sub status

Declined by parent/g...: 138 (5.8%)

Vaccination given: 2,227 (94.2%)

Vaccine Events by Date

Date Administered | Date of Birth | Date Modified

Bar chart showing events from April to May 2024.

Ethnicity

Other: 51% (1,206)

Asian: 23% (544)

Maori: 20% (480)

Pacific Peoples: 6% (138)

Facility

(Blank): 4% (91)

Merivale Medical Practice: 3% (74)

Doctors on Riccarton: 3% (62)

HillMed Health Centre: 3% (62)

Papanui Medical Centre: 2% (52)

New Brighton Health Care: 2% (52)

Barrington Medical Centre: 2% (52)

Facility Type

Enrolling GP Practice: 91% (2,165)

(Blank): 4% (91)

DHB Hospital: 1% (34)

Vaccination/immunisation...: 0% (9)

Community based clinica...: 0% (9)

Unknown: 0% (9)

DHB Hospital Unit: 0% (9)

aset

Summary

## Known data issues

- Some PCV13 vaccinations are being incorrectly recorded as PCV10 by some general practices using MedTech as their Practice Management System (PMS). These practices should record PCV10 as alternative given and then PCV13 as given. However, if this process is followed there will be two PCV immunisation events shown in this report and only one should be included for the reconciliation of funding.
- Consumers who are currently pre-enrolled (b-coded) or fully enrolled are included. Nominated consumers are not included until they are either pre-enrolled or fully enrolled.
- Vaccinations delivered by general practice for unenrolled or previously enrolled consumers are not included.
- Immunisation events with an indication of 6W are included. This means that any events recorded with any other indications will not be shown.
- Delays and errors in the recording and sending of immunisation events to the AIR will impact the records shown on this report.
- A small number of facility names are currently not shown on the report. These facilities are stored in the AIR, and we are working on surfacing the names.

## Report components

### Data dictionary (column header definitions)

Attribute (column header)	Description	Example	Datatype
District	Health New Zealand boundaries replacing the 20 District Health Boards from 2022.	Lakes	TEXT
PHO	Primary Health Organisation where the consumer is enrolled.	Rotorua Area Primary Health Services Limited	TEXT
Practice	Name of the general practice where the consumer is enrolled sourced from the National Enrolment Service (NES).	The Auckland City Doctors	TEXT
NHI	The National Health Index number of the consumer who received the vaccine.	ZZZ1234	TEXT
Full Name	Full name of consumer.	Person A	TEXT
Date of Birth	Date of birth of the consumer.	27/03/2001	DATE

6w Immunisation events given report

Attribute (column header)	Description	Example	Datatype
Age band	The report uses the following age bands: <ul style="list-style-type: none"> <li>• 0-6wks</li> <li>• 7-12wks (3 mths)</li> <li>• 3mths-5mths</li> <li>• 6mths-12mths</li> <li>• 1-2yrs</li> <li>• +2yr</li> </ul>	0-6wks	TEXT
Gender	Gender type description: Female, Male, Gender diverse, Unknown.	Female	TEXT
Prioritised Ethnicity	Prioritised Level 1 ethnicity is allocated to a single ethnic group in an order of priority, even if they identified with more than one ethnicity. The priority Level 1 groups are Māori, Pacific peoples, Asian and other. Level 2 defines more detail.	Other	TEXT
Ethnicity	Prioritised Level 2 ethnicity is allocated to a single ethnic group in an order of priority, even if the consumer identifies with more than one ethnicity. Level 2 defines in more detail than Level 1 groups of Māori, Pacific peoples, Asian and other.	African	TEXT
Date Administered	Date that the vaccination was administered, user entered at source (PMS or AIR vaccinator portal)	20/02/2023	DATE
Consumer Substatus	Sub-status of consumer: <ul style="list-style-type: none"> <li>• Blank (when consumer is active with no sub-status)</li> <li>• Under review</li> <li>• With outreach</li> <li>• Unable to contact</li> </ul>	Under review	TEXT
Event status	There are two event statuses: <ul style="list-style-type: none"> <li>• Completed</li> <li>• Not done</li> </ul>	Completed	TEXT
Status reason	There are multiple status reasons. Refer to the <a href="#">table</a> at the end of this document.	Vaccination given	TEXT
Vaccine Type and Code	Name of the vaccine administered and vaccine code.	RV1 - 119	TEXT
Dose	The number of the dose within dosing sequence	2	NUMBER
Indication	This report is limited to events with the indication of 6W.	6W	TEXT

Attribute (column header)	Description	Example	Datatype
Facility	Health provider facility name of the facility that administered the vaccination.	Brooklyn Medical Centre	TEXT
Provider type	Hauora Māori partners and Pacific providers Māori partners and Pacific providers include identified providers who are specifically included in this report.	Pacific	TEXT
Date Modified	Date and time of insert into the AIR datastore (ImmSOT). Modified by system on insert/update.	20/02/2023 1:11:09 p.m.	DATETIME
Deprivation	Deprivation measures the level of deprivation for people in each small area. It is based on nine Census variables. NZDep is displayed as deciles.	5	NUMBER
Area code	Statistical Area Code (SA2s) based on a consumer's current residence. <b>Note:</b> Column and data will be available in a later release.	542550	TEXT
Area name	Statistical Area Name (SA2s) based on a consumer's current residence. <b>Note:</b> Column and data will be available in a later release.	Matahina - Minginui	TEXT
GGH Rural Category	The Geographical Classification of Health (GCH) used to indicate the location of the facility. <b>Note:</b> Column and data will be available in a later release.	R3	TEXT
Nominated GP	The name of the GP where the consumer is enrolled or pre-enrolled. <b>Note:</b> Column and data will be available in a later release.	Ropata Health	TEXT

## Main filters panel (report and dashboard)

- District
- PHO
- Practice
- Facility type
- Provider type
- Facility
- Indication
- Vaccine type & code
- Consumer status

## More filters panel (report and dashboard)

- Consumer sub-status
- Event status
- Status reason
- Date administered
- DOB
- Date modified
- NHI number

## Sorting

This report can be sorted by any one column. Export the report to Excel to sort by multiple columns.

## About this data

### Sources

- Individuals are sourced from National Enrolment Service (NES) and National Health Index (NHI) registers. The National Enrolment Service provides national enrolment (used by all general practices) and identity data.
- Immunisation data is sourced from the Aotearoa Immunisation Register (AIR), which includes migrated data from the COVID-19 Immunisation Register (CIR) and the National Immunisation Register (NIR).

### Filters applied to data

- Only vaccinations recorded with an indication of '6W' for any of the following vaccine names and codes are included: DTaP-IPV-HepB/Hib - 210307, DTaP-IPV – 99001, HepB – 08, Hib – 48, PCV10 – 260209, PCV13 – 133 and RV1 – 119.
- The date administered is filtered from 1 April 2024.
- For PHOs, data is limited to your currently enrolled and pre-enrolled population.
- The underlying data excludes vaccinations with the status of given overseas.
- The underlying data excludes deceased individuals.

### Disclaimers

1. NIR and CIR data migrated during cutover (2 December 2023) may highlight a small number of historical data quality issues.
2. AIR data is refreshed overnight and available at the beginning of each day.

## Event status and event status reasons

Event status	Event status reasons
Completed	<ul style="list-style-type: none"><li>• Vaccination given</li><li>• Overseas vaccination (not included)</li><li>• Alternative vaccination</li><li>• Historic vaccination</li></ul>
Not done	<ul style="list-style-type: none"><li>• Declined by parent/guardian</li><li>• Declined by individual</li><li>• Immune</li><li>• Permanent contraindication</li></ul>

6w Immunisation events given report

Extract example

District	PHO	Practice	NHI	Full Name	Date of Birth	Age Band	Gender	Prioritised Ethnicity	Ethnicity
Southern	Wellsouth Primary Health Network	Altimus Health Limited	ZZZ1234	PersonA	4/03/2024	7-12 Weeks	Male	Other	NZ European / Pakeha
Southern	Wellsouth Primary Health Network	Altimus Health Limited	ZZZ1234	PersonA	4/03/2024	7-12 Weeks	Male	Other	NZ European / Pakeha
Auckland	Procure Health (PHO) Limited	Bayside Medical Practice Group Limited	ZZZ1235	PersonB	21/03/2024	7-12 Weeks	Female	Pacific Peoples	Tongan
Auckland	Procure Health (PHO) Limited	Bayside Medical Practice Group Limited	ZZZ1235	PersonB	21/03/2024	7-12 Weeks	Female	Pacific Peoples	Tongan
Counties Manukau	Procure Health (PHO) Limited	Albahadly Medical limited	ZZZ1236	PersonC	9/07/2012	2+ Years	Female	Maori	Maori

Deprivation	GCH Rural Category	Date Administered	Consumer Substatus	Event Status	Status Reason	Vaccine Type & Code	Dose	Indication	Facility	Provider Type	Date Modified
8	next release	26/04/2024		completed	Vaccination given	DTaP-IPV-HepB/Hib - 210307	1	6W	Otago Peninsula Medical Centre		21/05/2024
8	next release	26/04/2024		completed	Vaccination given	PCV13 - 133	1	6W	Otago Peninsula Medical Centre		21/05/2024
3	next release	3/05/2024		completed	Vaccination given	DTaP-IPV-HepB/Hib - 210307	1	6W	Southpoint Family Doctors	Pacific Providers	3/05/2024
3	next release	3/05/2024		completed	Vaccination given	PCV10 - 260209	1	6W	Southpoint Family Doctors	Pacific Providers	3/05/2024
4	next release	4/04/2024	With Outreach	completed	Vaccination given	RV - 119	1	6W	Donovan Street Medical Centre		8/05/2024