



# Health Protection Scotland (HPS) Immunisation Uptake Reports

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# Health Protection Scotland (HPS) Immunisation Uptake Reports

## What's New?

### February 2022

- **Pneumococcal Polysaccharide Vaccine (PPV) Uptake Report** - This annual update report has been updated ready for submission at the beginning of April 2022, see [Pneumococcal Polysaccharide Vaccine \(PPV\) Uptake Report](#) on page 6 for full details.

### December 2021

- **Shingles Vaccination Uptake Report** – The data extracted now includes the new Shingrix vaccine, see [Shingles Vaccination Uptake Report](#) on page 15 for full details.

### September 2021

- **Seasonal Influenza Vaccination Uptake Report** – The weekly collecting dates have updated to the 2021/22 requirements, the given in school category now includes 12 – 18 year olds, see [Seasonal Influenza Vaccination Uptake Report](#) on page 9 for full details.
- **Shingles Vaccination Uptake Report** - Collecting dates updated to the 2021/22 requirements, see [Shingles Vaccination Uptake Report](#) on page 15 for full details.

### March 2021

- **Prenatal Pertussis Vaccination Uptake Report** - The collection dates have been extended through to quarter 1 2022, see [Prenatal Pertussis Vaccination Uptake Report](#) on page 8 for full details.

### February 2021

- **Pneumococcal Polysaccharide Vaccine (PPV) Uptake Report** - This annual update report has been updated ready for submission at the beginning of April 2021, see [Pneumococcal Polysaccharide Vaccine \(PPV\) Uptake Report](#) on page 6 for full details.

## Introduction

This guide is designed to bring together all the information regarding the various immunisation uptake reports that are automatically submitted to Health Protection Scotland (HPS) via eLinks from your **Vision 3** system.

The following uptake reports are included:

- **Pneumococcal Polysaccharide Vaccine (PPV)** on page 6 – Updated to 2021.
- **Prenatal Pertussis Immunisation** on page 8 – Updated to 2021/22.
- **Seasonal Influenza** on page 9 – Updated to 2020/21.
- **Shingles Vaccination** on page 15 – Updated to 2021/22.

Your Immunisation Uptake Reports are updated automatically via CentraStage when a new version is available.

## The Report Data Extraction

Providing your Clinical Audit runs daily, the immunisation audit groups are generated daily, regardless of the HPS reporting schedule.

### Please note the following:

- Weekly data is collected on a Monday with data entered on Vision up to midnight on the previous Sunday counting in the collection.
- Multi-Practices - A multi-practice means a single Vision data set being shared by more than one GP partnership. The creation of a report for each practice that uses the system is not supported. Only one report per Vision system is created.

# Pneumococcal Polysaccharide Vaccine (PPV) Uptake Report

## Pneumococcal Polysaccharide Vaccine (PPV) Collection Dates for 2021 - 2022

The Pneumococcal Polysaccharide Vaccine (PPV) uptake data is submitted in one annual report covering data recorded between 1st April 2020 and the 31st March 2021. The report is submitted at the beginning of April 2021.

## Pneumococcal Polysaccharide Vaccine (PPV) Data Collected

The following figures are extracted and then totalled:

- Number of patients registered on the day the data is extracted.
- Number of registered patients that have received the pneumococcal vaccine (PPV) between 1st April 2021 and 31st March 2022 inclusive.
- Number of registered patients that have received the pneumococcal vaccine (PPV) at any time (including the last year) on or before the 31st March 2022.
- Number of registered patients that have refused/declined the pneumococcal vaccine (PPV) between 1st April 2021 and 31st March 2022 inclusive.

For patients in the following age bands:

- 65 only - Date of birth on or between 1st April 1956 to 31st March 1957.
- 66 only - Date of birth on or between 1st April 1955 to 31st March 1956.
- 67 only - Date of birth on or between 1st April 1954 to 31st March 1955.
- 68 only - Date of birth on or between 1st April 1953 to 31st March 1954.
- 69 only - Date of birth on or between 1st April 1952 to 31st March 1953.
- 70-74 years - Date of birth on or between 1st April 1947 to 31st March 1952.
- 75+ - Date of birth on or before 31st March 1947.
- 2 - 65 years Registered as being At-Risk - Date of birth on or between 1st April 1957 to 31st Mar 2020:
  - Patients with Asplenia or Dysfunction of the Spleen (re-immunisation recommended every 5 years).
  - Patients with Chronic Respiratory Disease.
  - Patients with Chronic Heart Disease.
  - Patients with Chronic Kidney Disease.
  - Patients with Chronic Liver Disease.
  - Patients with Diabetes requiring insulin or oral hypoglycaemic medication.
  - Patients with Immunosuppression.
  - Patients with Cochlear Implants.
  - Patients with Cerebrospinal Fluid Leaks.

These results are then split by gender:

- Male
- Female
- Gender not specified
- Gender not known
- Total Gender



## Prenatal Pertussis Vaccination Uptake Report

The prenatal pertussis vaccination coverage survey is automatically submitted to Health Protection Scotland (HPS), via eLinks, as part of your daily scheduled Clinical Audit run.

The clinical audits used to assist in recording and collecting this information have also been updated.

### Prenatal Pertussis Collecting Dates for 2021/22

Quarterly data is extracted on the 21st of the month following quarter end to allow practices to receive and record birth data from the hospitals ensuring the accuracy of the data. Data with relevant event dates falling within the previous quarter is included.

The quarterly collections are made up as follows:

Quarter	Data From:	Data up to:	Submission Date
2021 Q2	01/04/2021	30/06/2021	21/07/2021
2021 Q3	01/07/2021	30/09/2021	21/10/2021
2021 Q4	01/10/2021	31/12/2021	21/01/2022
2022 Q1	01/01/2022	31/03/2022	21/04/2022

## Prenatal Pertussis Data Collected

### Quarterly Collection

For the quarterly reports the following figures are extracted and then totalled:

- Number of women who delivered in the survey quarter regardless of gestational age at birth.
- Number of women who delivered in the survey quarter that received a dose of pertussis containing vaccine receiving pertussis vaccination in the 36 weeks prior to delivery.
- Number of women declining pertussis vaccination in the 36 weeks prior to delivery.
- Number of women aged 15 to aged 55 in the survey quarter, who have received the pertussis vaccination in the survey quarter.



## Seasonal Influenza Vaccination Uptake Report

**Health Protection Scotland (HPS)** have extended the **Seasonal Influenza Vaccination Programme**. The seasonal influenza vaccination coverage survey is submitted to **HPS**, via eLinks, from your **Vision 3** system as part of your daily scheduled **Clinical Audit** run.

The clinical audits used to assist in recording and collecting this information have also been updated.

### Seasonal Flu Collecting Dates for 2021/22

For the 2021/22 collections, data is extracted on the Monday of each week for data up to midnight the Sunday before.

The weekly collections are made on the following dates:

Week Number	Data up to	Submit Date
36	Sun 12/09/2020	Mon 13/09/2020
37	Sun 19/09/2020	Mon 20/09/2020
38	Sun 26/09/2020	Mon 27/09/2020
39	Sun 03/10/2020	Mon 04/10/2020
40	Sun 10/10/2020	Mon 11/10/2020
41	Sun 17/10/2020	Mon 18/10/2020
42	Sun 24/10/2020	Mon 25/10/2020
43	Sun 31/10/2020	Mon 01/11/2020
44	Sun 07/11/2020	Mon 08/11/2020
45	Sun 14/11/2020	Mon 15/11/2020
46	Sun 21/11/2020	Mon 22/11/2020
47	Sun 28/11/2020	Mon 29/11/2020
48	Sun 05/12/2020	Mon 06/12/2020
49	Sun 12/12/2020	Mon 13/12/2020
50	Sun 19/12/2020	Mon 20/12/2020
51	Sun 26/12/2020	Mon 27/12/2020
52	Sun 02/01/2021	Mon 03/01/2021
1	Sun 09/01/2021	Mon 10/01/2021
2	Sun 16/01/2021	Mon 17/01/2021
3	Sun 23/01/2021	Mon 24/01/2021
4	Sun 30/01/2021	Mon 31/01/2021
5	Sun 06/02/2021	Mon 07/02/2021
6	Sun 13/02/2021	Mon 14/02/2021

7	Sun 20/02/2021	Mon 21/02/2021
8	Sun 27/02/2021	Mon 28/02/2021
9	Sun 06/03/2021	Mon 07/03/2021
10	Sun 13/03/2021	Mon 14/03/2021
11	Sun 20/03/2021	Mon 21/03/2021
12	Sun 27/03/2021	Mon 28/03/2021
13	Sun 03/04/2021	Mon 04/04/2021
14	Sun 10/04/2021	Mon 11/04/2021
15	Sun 17/04/2021	Mon 18/04/2021



## GP Flu Childhood Data Collected



**Remember** - You can view the patients included from the associated clinical audits.

The GP Flu Data is collected for those children falling within the following age ranges on the collection dates:

Age Range on 01/09/2021	
Aged 2 years	Born between 01/09/2018 and 31/08/2019
Aged 3 years	Born between 01/09/2017 and 31/08/2018
Aged 4 years	Born between 01/09/2016 and 31/08/2017
Aged 5 years	Born between 01/09/2015 and 31/08/2016
Aged 6 years	Born between 01/09/2014 and 31/08/2015
Aged 7 years	Born between 01/09/2013 and 31/08/2014
Aged 8 years	Born between 01/09/2012 and 31/08/2013
Aged 9 years	Born between 01/09/2011 and 31/08/2012
Aged 10 years	Born between 01/09/2010 and 31/08/2011
Aged 11 years	Born between 01/09/2009 and 31/08/2010
Aged 12 years	Born between 01/09/2008 and 31/08/2009
Aged 13 years	Born between 01/09/2007 and 31/08/2008
Aged 14 years	Born between 01/09/2006 and 31/08/2007
Aged 15 years	Born between 01/09/2005 and 31/08/2006
Aged 16 years	Born between 01/09/2004 and 31/08/2005
Aged 17 years	Born between 01/09/2003 and 31/08/2004
Aged 18 years	Born between 01/09/2002 and 31/08/2003

The following data is included in the GP Flu Childhood extract:

- All patients registered.
  - Number of patients vaccinated since 1st September 2021.
  - Number of patients vaccinated since 1st September 2021 in school.
- Number of patients with Chronic Heart Disease.
  - Number vaccinated.
- Number of patients with Chronic Respiratory Disease.
  - Number vaccinated.
- Number of patients with Chronic Kidney Disease.
  - Number vaccinated.
- Number of patients with Chronic Liver Disease.
  - Number vaccinated.
- Number of patients with Diabetes.
  - Number vaccinated.
- Number of patients with Immunosuppression.
  - Number vaccinated.
- Number of patients with Chronic Neurological Disease (including Stroke/TIA, Cerebral Palsy or MS).
  - Number vaccinated.
- Number of patients with Asplenia or dysfunction of the spleen.
  - Number vaccinated.
- Number of patients with morbid obesity (BMI equal to or over 40) in one or more at risk groups.
  - Number vaccinated.
- Number of patients with morbid obesity (BMI equal to or over 40 or childhood obesity) in no other at risk groups.
  - Number vaccinated.

## Seasonal Flu Data Collected

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**Remember** - You can view the patients included from the associated clinical audits.

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For the following patient groups:

- Aged 6 months to under 2 years as of date of extraction.
- Aged 2 years to under 16 years as of date of extraction.
- Aged 16 as of date of extraction to under 65 on 31<sup>st</sup> March 2022.
- Aged 50 to under 55 on 31<sup>st</sup> March 2022.
- Aged 55 to under 60 on 31<sup>st</sup> March 2022.
- Aged 60 to under 65 on 31<sup>st</sup> March 2022.
- Aged 65 to under 75 on 31<sup>st</sup> March 2022.
- Aged 75 and over on 31<sup>st</sup> March 2022.

The following data is included in the GP Flu extract:

- Number of patients registered.
  - Number vaccinated.
  - Number refused or declined vaccination since 1st September 2019.
  - Number vaccinated in schools.
  - Number vaccinated in pharmacies.
  - Number vaccinated in other healthcare settings.
- Number of patients with Chronic Heart Disease.
  - Number vaccinated.
- Number of patients with Chronic Respiratory Disease.
  - Number vaccinated.
- Number of patients with Chronic Kidney Disease.
  - Number vaccinated.
- Number of patients with Chronic Liver Disease.
  - Number vaccinated.
- Number of patients with Diabetes.
  - Number vaccinated.
- Number of patients with Immunosuppression.
  - Number vaccinated.

- Number of patients with Chronic Neurological Disease (including Stroke/TIA, Cerebral Palsy or MS).
  - Number vaccinated.
- Number of patients with Asplenia or dysfunction of the spleen.
  - Number vaccinated.
- Number of patients with morbid obesity (BMI equal to or over 40) in one or more at risk groups.
  - Number vaccinated.
- Number of patients with morbid obesity (BMI equal to or over 40 or childhood obesity) in no other at risk groups.
  - Number vaccinated.
- Seasonal Flu vaccine uptake for carers.
  - Number vaccinated.
- Number of pregnant women (Aged 16 to under 65).
  - Number not in an at risk group vaccinated.
  - Number in an at risk group vaccinated.
- Number of patients registered by Gender.
  - Number male patients vaccinated.
  - Number female patients vaccinated.
  - Number gender not specified patients vaccinated.
  - Number gender not known patients vaccinated.
- Number of patients registered by ethnicity.
  - Number in each group vaccinated.

Calculated from the extracted data:

- Percentage of patients vaccinated in each group.



**Training Tip** - From **Vision 3 release DLM 760**, you can record these specific flu vaccine types for the **HPS** extract:

- Live attenuated influenza vaccine (LAIV).
  - Adjuvanted trivalent influenza vaccine (aTIV).
  - Cell based Quadrivalent inactivated vaccine (QIVc).
  - Egg based Quadrivalent inactivated vaccine (QIVe).
  - Vaccine Type not stated.
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## Shingles Vaccination Uptake Report

Health Protection Scotland (HPS) have extended the Shingles Vaccination Programme. The shingles vaccination coverage survey is automatically submitted to Health Protection Scotland (HPS), via eLinks, as part of your daily scheduled **Clinical Audit** run.

The clinical audits used to assist in recording and collecting this information have also been updated.

## Shingles Collecting Dates for 2021/22

Your Shingles Vaccine data is reported monthly. The data is extracted on the first working day of each month and includes data recorded up to midnight on the last day of the previous month.

The monthly collection dates are:

Month	Data up to Date	Submit Date
September 2021	30/09/2021	01/10/2021
October 2021	31/10/2021	01/11/2021
November 2021	30/11/2021	01/12/2021
December 2021	31/12/2021	01/01/2022
January 2022	31/01/2022	01/02/2022
February 2022	28/02/2022	01/03/2022
March 2022	31/03/2022	01/04/2022
April 2022	30/04/2022	01/05/2022
May 2022	31/05/2022	01/06/2022
June 2022	30/06/2022	01/07/2022
July 2022	31/07/2022	01/08/2022
August 2022	31/08/2022	01/09/2022

## Shingles 2021/22 Data Collected

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**Remember** - You can view the patients included from the associated clinical audits.

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The following figures are extracted for each vaccination, Single dose Zostervax, Shigrix dose one and Shingrix dose two, with the patient's gender and ethnicity (where recorded):

- Number of patients registered aged 70 on 1st September 2021 (born between 02/09/1950 - 01/09/1951).
  - Number of patients vaccinated.
  - Number of patients immunosuppressed.
  - Number of patients contraindicated for other reasons.
  - Number of patients contraindicated vaccinated.
  - Number of patients registered declined or refused.

The number of patients registered and the number vaccinated are extracted and then totalled for those in the following age ranges:

- Aged 86 on 1st September 2021 (born between 02/09/1934 - 01/09/1935).
- Aged 85 on 1st September 2021 (born between 02/09/1935 - 01/09/1936).
- Aged 84 on 1st September 2021 (born between 02/09/1936 - 01/09/1937).
- Aged 83 on 1st September 2021 (born between 02/09/1937 - 01/09/1938).
- Aged 82 on 1st September 2021 (born between 02/09/1938 - 01/09/1939).
- Number of patients registered aged 81 on 1st September 2021 (born between 02/09/1939 - 01/09/1940).
- Aged 80 on 1st September 2021 (born between 02/09/1940 - 01/09/1941).
- Aged 79 on 1st September 2021 (born between 02/09/1941 - 01/09/1942).
- Aged 78 on 1st September 2021 (born between 02/09/1942 - 01/09/1943).
- Aged 77 on 1st September 2021 (born between 02/09/1943 - 01/09/1944).



- Aged 76 on 1st September 2021 (born between 02/09/1944 - 01/09/1945).
- Aged 75 on 1st September 2021 (born between 02/09/1945 - 01/09/1946).
- Aged 74 on 1st September 2021 (born between 02/09/1946 - 01/09/1947).
- Aged 73 on 1st September 2021 (born between 02/09/1947 - 01/09/1948).
- Aged 72 on 1st September 2021 (born between 02/09/1948 - 01/09/1949).
- Aged 71 on 1st September 2021 (born between 02/09/1949 - 01/09/1950).
- Aged 69 on 1st September 2021 (born between 02/09/1951 - 01/09/1952).
- Aged 68 on 1st September 2021 (born between 02/09/1952 - 01/09/1953).
- Number of patients registered aged 67 on 1st September 2021 (born between 02/09/1953 - 01/09/1954).
  - Number of patients vaccinated.

Calculated from the extracted data:

- Percentage of patients vaccinated in each group.

