



## **REPORT TO ABERDEENSHIRE INTEGRATION JOINT BOARD 11 OCTOBER 2023**

### **GRAMPIAN VACCINATION AND IMMUNISATION ANNUAL REPORT 2023**

#### **1. Recommendation**

**It is recommended that the Integration Joint Board (IJB):**

- 1.1. acknowledge the findings of the Vaccination and Immunisation Annual report 2023

#### **2. Directions**

- 2.1. No direction requires to be issued to Aberdeenshire Council or NHS Grampian as a result of this report.

#### **3. Risk**

- 3.1. IJB Risk register ID 1589 – Risk of failure to deliver standards of care expected by people of Aberdeenshire. Performance reporting will provide IJB oversight of progress by vaccination teams with Aberdeenshire.

#### **4. Background**

- 4.1. This is the first Annual Vaccination and Immunisation Report for NHS Grampian. The purpose of the report is to provide an annual monitoring report of vaccine preventable disease surveillance data, along with uptake data for each vaccine delivered within Grampian. This is brought to the Aberdeenshire IJB for assurance.

#### **5. Summary**

- 5.1. The World Health Organisation (WHO) describes vaccines as one of the two public health interventions that have the greatest impact on the world's health, the other being clean water. Vaccination can prevent or reduce the severity of disease, minimise disability and save lives, often in many of the most disadvantaged people in society. It offers excellent value for money by reducing current and future public expenditure on health and social care provision.
- 5.2. Effective control of vaccine preventable disease requires action across the whole health and care system, and this aligns with the drive to improve outcomes and reduce inequalities.
- 5.3. The annual report discusses vaccination in the national and local context including; Vaccination Uptake; Equity in Grampian; Quality Improvement in vaccination and horizon scanning
- 5.4. There has been declines in childhood vaccination uptakes in both Grampian and Scotland. Aberdeenshire continue to meet the WHO 95% uptake for all

childhood routine schedules at 12 months and 24 months. At 5 years of age, Aberdeenshire does not meet the 95% uptake for the 4 in 1 (94.2%) and MMR dose 2 (93.4%) programme.

**Table 1: Completed primary immunisations by 12 months of age, 2022 – 23 by Aberdeenshire and NHS Grampian**

	Number in Cohort	% completed primary course by 12 months							
		6-in-1		PCV		Rotavirus <sup>3</sup>		MenB	
		No.	%	No.	%	No.	%	No.	%
Aberdeenshire	2,195	2,141	97.5	2,139	97.4	2,087	95.1	2,129	97.0
Grampian	5,494	5,257	95.7	5,240	95.4	5,050	91.9	5,124	93.3

Source: SIRS 15<sup>th</sup> May 2023

**Table 2: Completed primary immunisations by 24 months of age, 2022-23 by Aberdeenshire and NHS Grampian**

	Number in Cohort	% completed primary and booster course by 24 months									
		6-in-1		MMR1		Hib/MenC		PCVB		MenB (Booster)	
		No.	%	No.	%	No.	%	No.	%	No.	%
Aberdeenshire	2,137	2,100	98.3	2,068	96.8	2,061	96.4	2,050	95.9	2,053	96.1
Grampian	5,269	5,115	97.1	4,932	93.6	4,898	93.0	4,829	91.6	4,858	92.2

Source: SIRS 15<sup>th</sup> May 2023

**Table 3: Completed primary immunisations and boosters by 5 years of age, 2022-23 by Aberdeenshire and NHS Grampian**

	Number in Cohort	% completed primary and booster course by 5 years									
		6-in-1*		MMR1		Hib/MenC		4-in-1		MMR2	
		No.	%	No.	%	No.	%	No.	%	No.	%
Aberdeenshire	2,711	2,655	97.9	2,624	96.8	2,615	96.5	2,553	94.2	2,531	93.4
Grampian	6,223	5,974	96.0	5,848	94.0	5,762	92.6	5,528	88.8	5,469	87.9

Source: SIRS 15<sup>th</sup> May 2023

5.5. Uptake in the teenage (school based) programme saw disruption during 2020 – 21 due to covid-19 pandemic. Teams have been carrying out catch up during 2021 – 22 with Aberdeenshire continuing to exceed Grampian averages for these programmes.

**Table 4: HPV immunisation coverage rates of dose 1 by the end of the school year 2021/22 at S1 and S2 by Aberdeenshire and NHS Grampian**

	S1 Coverage Rate (%) Dose 1		S2 Coverage Rate (%) Dose 1	
	Female	Male	Female	Male
Aberdeenshire	85.6	78.6	91.6	89.4
Grampian	83.7	74	88.4	85.3

Source: CHSP School/SIRS

**Table 5: Vaccination with Td, IPV and Men ACWY by the end of the school year 2021/22 by Aberdeenshire and NHS Grampian**

	S3 Coverage Rate (%)		S4 Coverage Rate (%)	
	Td/IPV	MenACWY	Td/IPV	MenACWY
Aberdeenshire	79.9	79.9	89.8	89.3
Grampian	77	77.2	86.7	86.4

Source: CHSP School/SIRS

5.6. The adult routine programmes were paused during the pandemic and were subsequently transferred to health board/ HSCP delivery. Aberdeenshire has made good progress in ensuring all eligible cohorts are offered. The shingles coverage is currently 68.2% which is below Grampian average. The pneumococcal cohort is currently at 57.8% for 65 years and over and 51.2% for 2 – 64 at risk cohort which is above Grampian average.

**Table 6: Shingles Zostavax vaccination coverage amongst eligible routine and catch-up cohorts (70 – 79 years). Aberdeenshire and NHS Grampian 2021-22 and 2022 - 23**

	70 – 79 years % coverage	
	2021 - 22	2022-23
Aberdeenshire	49.7	68.2
Grampian	53.9	69.5

Source: National Clinical Data Store/SEER

**Table 7: Pneumococcal vaccination coverage amongst aged 65+ and 2-64 at Risk cohorts 1 April 2022 – 31<sup>st</sup> March 2023 by Aberdeenshire and NHS Grampian**

	% coverage	
	Aged 65+	2 – 64 at risk
Aberdeenshire	57.8	51.2
Grampian	55.5	36.9

Source: National Clinical Data Store/SEER

5.7. Uptake of seasonal flu and covid-19 vaccinations in Winter 2022/23 was similar in Grampian to elsewhere in Scotland and highest in the oldest age groups. Uptake shows a socioeconomic gradient with highest uptake amongst least deprived.

5.8. Within Grampian we continue to improve the delivery of all the vaccination programmes. This includes monitoring the proportion of our eligible population who are vaccinated.

5.9. The Chief Officer, along with the Chief Finance Officer and the Legal Monitoring Officers within Business Services of the Council have been consulted in the preparation of this report and their comments have been incorporated within the report.

## 6. Equalities, Staffing and Financial Implications

6.1. An integrated impact assessment is not required because the contents of this report is purely a summary of the vaccination uptakes across



Grampian. There will be no differential impact as a result of the report, on people with protected characteristics.

6.2. There are no specific staffing or financial implications arising from this report.

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## **Appendices**

Appendix 1 – Grampian Vaccination and Immunisation Programme Annual Report 2023