Weekly COVID-19 Mass Testing Report for Schools and Childcare Facilities

Week 49

29th November – 5th December 2020

Data up to 10:00am 7th December 2020

1. Summary of Mass Testing in Schools & Childcare Facilities

The table below provides a summary of the testing completed to date in both Schools and Childcare facilities based on data extracted up to 10.00am on December 7th, 2020.

Table 1 Summary of Schools and Childcare Facility Testing Completed to Date

Summary	Cumulative Testing YTD	Week 49 (29/11/2020 – 05/12/2020)
Number Tested	31,744	2,873
Number of Detected Cases[1]	838	77
Detection Rate %	2.6%	2.7%
Detected 0-17	709	69
Detected 18+	129	8
No. of Facilities Tested	1,146	136
Facilities with Detected Case	307	33

Table 2 Results Summary for Schools and Childcare Testing YTD (All Facility Types)

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Childcare	269	6,065	240	4.0%	5,772
Primary	547	17,347	434	2.5%	16,842
Post Primary	290	7,336	132	1.8%	7,186
Special Education	40	996	32	3.2%	957
Total	**1,146**	**31,744**	**838**	**2.6%**	**30,757**

* **Note**: Tables in this report detail resulted data only (detected/not-detected) and do not detail tests pending/invalid accounting for the differences in the overall total amounts.

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[1] As of 21st November, the mechanism by which results are matched to referrals in the IT database has been improved to avoid duplicate results being reported where multiple referrals exist for an individual. This has resulted in a reduction of 36 in the overall number of detected results reported

2. Summary of Mass Testing in Schools Only

2.1 Results Summary for Schools Testing YTD excluding Childcare Facilities:

Table 3 Results Summary for Schools Testing YTD: Schools Only

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Primary	547	17,347	434	2.5%	16,842
Post Primary	290	7,336	132	1.8%	7,186
Special Education	40	996	32	3.2%	957
Total	877	25,679	598	2.3%	24,985

2.2 Results Summary for School Facility Testing (Week 49):

The data below provides details of the mass testing conducted in School settings for Week 49.

Table 4 Results Summary for Schools Testing WK 49: Schools Only

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Primary	61	1,731	55	3.2%	1,674
Post Primary	42	595	5	0.8%	590
Special Education	4	42	0	0%	42
Total	107	2,368	60	2.5%	2,306

2.3 School Testing Age Breakdown by Facility Type (Week 49):

The data below provides details of school type and age analysis for week 49.

Table 5 Results Summary for Schools Testing WK 49: Schools Only by Age

School Type	Age	Tested	Tested %	Detected	Detected %	Not Detected
Primary	0-17	1,569	66%	54	3.4%	1,513
	>18	162	7%	<5	0.6%	161
Post Primary	0-17	518	22%	5	1.0%	513
	>18	77	3%	0	0%	77
Special Education	0-17	12	1%	0	0%	12
	>18	30	1%	0	0%	30
	Total	2,368	100%	60	2.5%	2,306

2.4   Confirmed COVID-19 Cases by Age Group

The data below provides details of total COVID-19 cases confirmed by week and age group based on data from the Public Health database (CIDR).

Table 6 Breakdown of confirmed COVID-19 cases by age group and week

Week of Notification	Age Groups			Totals	
	0-4 years	**5-12 years**	**13-18 years**	**% of 4-18 Population**	**0-18 years**
Week 49	96	207	160	0.04%	463
Week 35-49	1,688	3,263	4,043	0.76%	8,994
Week 10-49	1,959	3,660	4,551	0.86%	10,170

* Note: % of 4-18 population was calculated using CSO 2016 '*Census of Population*' data:
https://www.cso.ie/en/releasesandpublications/ep/p-cp3oy/cp3/agr/

3. Summary of Childcare Facility Testing

3.1   Results Summary for Childcare Facility Testing YTD[2]:

Table 7 Results Summary YTD for Childcare Facilities

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Childcare Facilities	269	6,065	240	4.0%	5,772
Total	**269**	**6,065**	**240**	**4.0%**	**5,772**

3.2   Results Summary for Childcare Facility Testing (Week 49):

The data below provides details of the mass testing conducted Childcare Facilities for week 49.

Table 8 Results Summary WK 49 for Childcare Facilities

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Childcare facilities	29	505	17	3.4%	487
Total	**29**	**505**	**17**	**3.4%**	**487**

3.3   Age Analysis for Childcare Facilities (Week 49):

The data below provides details of age analysis for Childcare Facilities for week 49.

Table 9 Results Summary WK 49 for Childcare Facilities

Facility Type	Age	Tested	Tested %	Detected	Detected %	Not Detected
Childcare facilities	0-17	401	79%	10	2.5%	390
	>18	104	21%	7	6.7%	97
Total		**505**	**100%**	**17**	**3.4%**	**487**

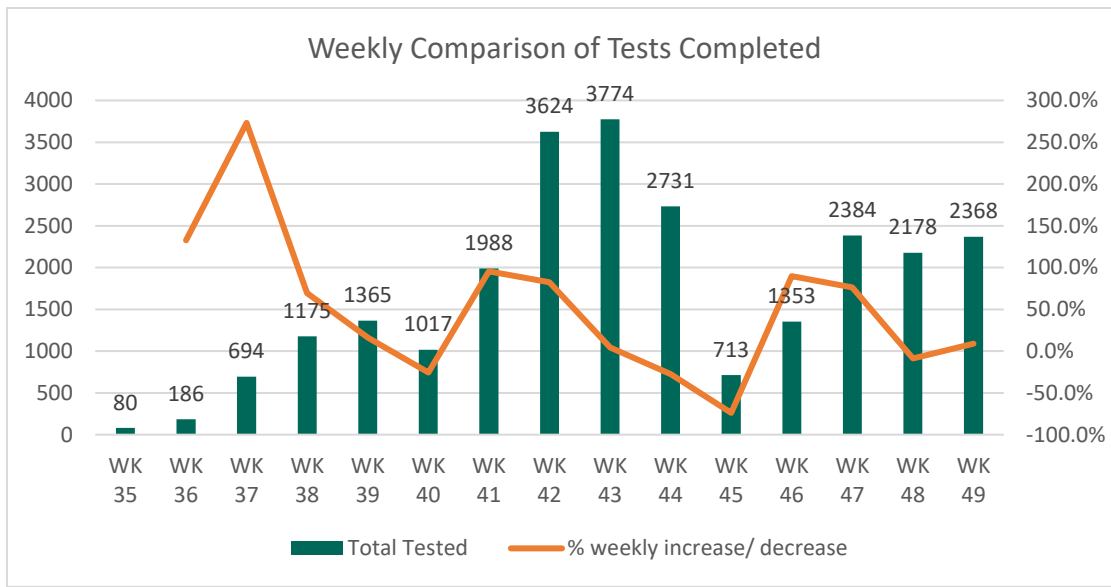[2] Childcare category includes Childcare and School Age Register Facilities

4. Supporting Graphs

4.1 Weekly Comparison of Tests Completed in Schools and Special Education (% Increase / Decrease):

The data below provides a summary of the week on week increase/ decrease for the number tests completed in Schools and Special Education (including Tusla Facilities).
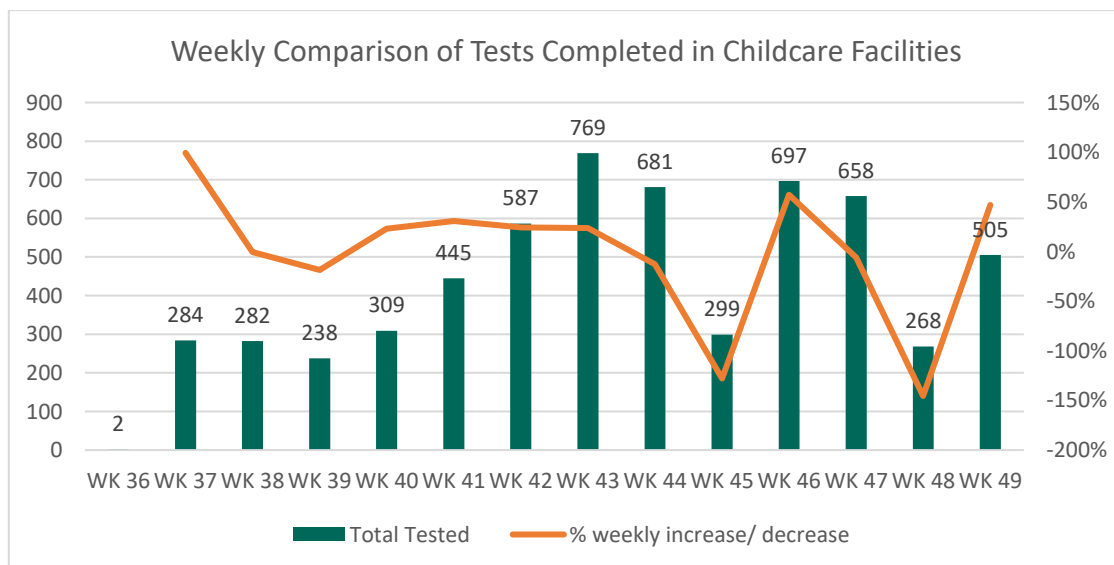
Table 10 Weekly Analysis of Schools and Special Education Testing by Week

4.2 Weekly Comparison of Tests Completed in Childcare Facilities (% Increase / Decrease):

The data below provides a summary of the week on week increase/ decrease for the number tests completed in Childcare Facilities.

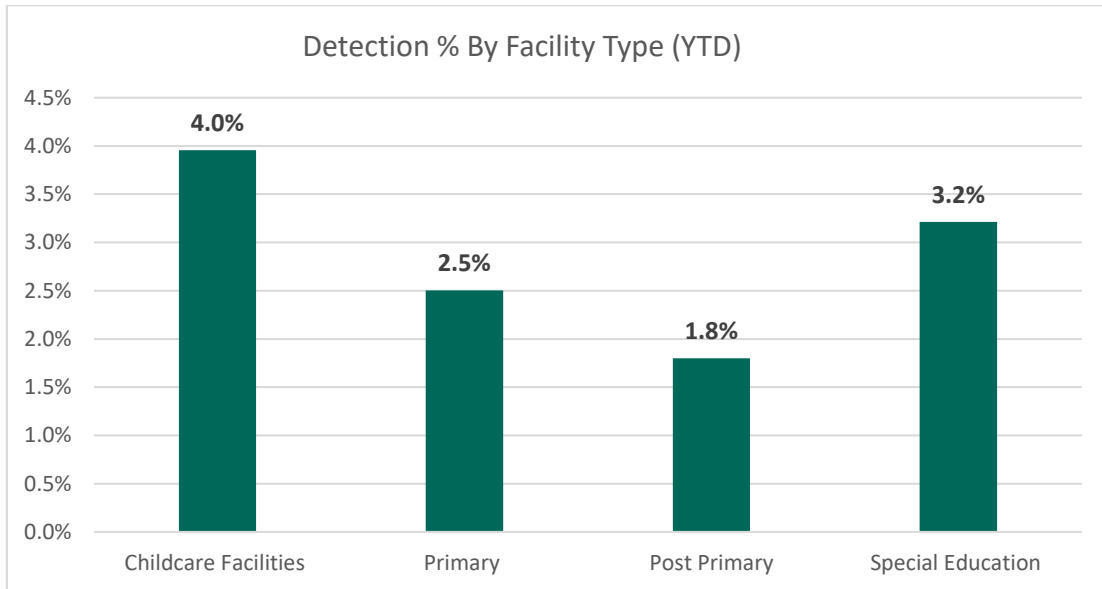**Table 11 Weekly Analysis of Childcare Facility Testing by Week**

4.3 Detection % By Facility Type (YTD)

The graph below provides a summary of YTD Detection Rates (Detection %) by facility type. Childcare facilities have the highest detection rates (YTD) at 4.0%. Post primary facilities have the lowest detection rates at 1.8%.

Table 12 Detection Rate (%) by Facility Type

Detection % By Facility Type (YTD)

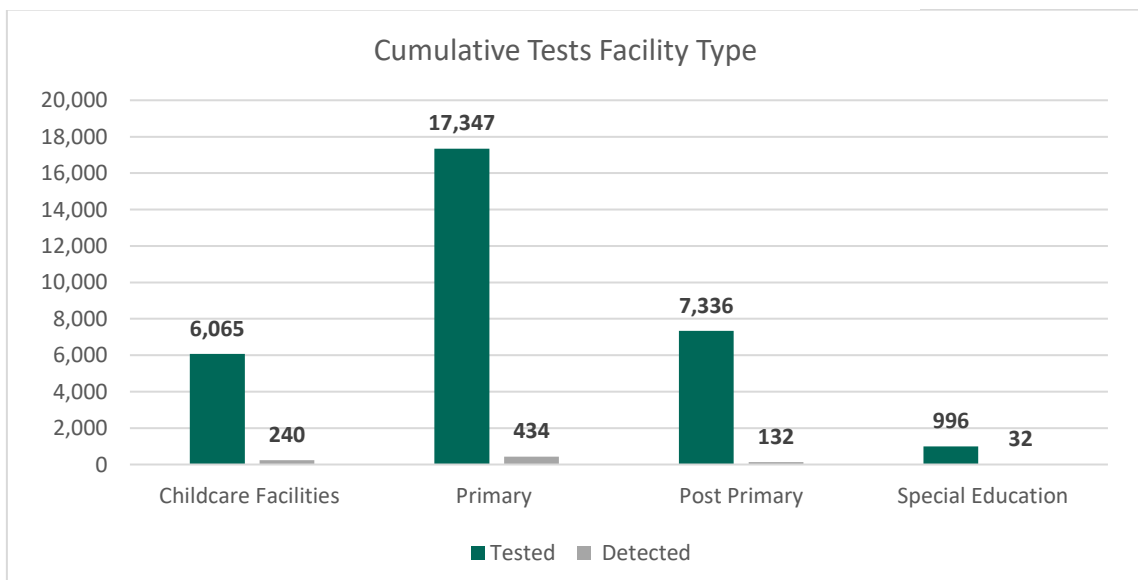*Childcare Facilities: 4.0%, Primary: 2.5%, Post Primary: 1.8%, Special Education: 3.2%*

***Note** that higher detection rates among Childcare Facilities may be due to closer interactions between individuals within Childcare Facilities.

4.4 Facility Type and Detection Figures (YTD):

The graph below provides a summary of the cumulative tests by type including Childcare Facilities. Primary schools had the highest number of tests completed at 17,347 and Special Education had the lowest number of tests completed at 996.

Table 13 Cumulative Tests and Detected Cases by Facility Type

Cumulative Tests Facility Type

Childcare Facilities: Tested 6,065, Detected 240; Primary: Tested 17,347, Detected 434; Post Primary: Tested 7,336, Detected 132; Special Education: Tested 996, Detected 32

Appendix 1

<u>Week & Date Legend</u>

The table below provides the details of the dates included in each week of testing:

Week	Dates
Week 35	23/08/2020 – 29/08/2020
Week 36	30/08/2020 – 05/09/2020
Week 37	06/09/2020 – 12/09/2020
Week 38	13/09/2020 – 19/09/2020
Week 39	20/09/2020 – 26/09/2020
Week 40	27/09/2020 – 03/10/2020
Week 41	04/10/2020 – 10/10/2020
Week 42	11/10/2020 – 17/10/2020
Week 43	18/10/2020 – 24/10/2020
Week 44	25/10/2020 – 31/10/2020
Week 45	01/11/2020 – 07/11/2020
Week 46	08/11/2020 – 14/11/2020
Week 47	15/11/2020 – 21/11/2020
Week 48	22/11/2020 – 28/11/2020
Week 49	29/11/2020 – 05/11/2020

Appendix 2

The following groupings are used for reporting purposes:

Facility Type	Facility Tag
Childcare Facilities	Early Years Register + School Age Register
Primary	All Primary Schools
Post Primary	All Post Primary Schools
Special Education	Special Education + Tusla Residential Sites