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

Week 51

13th December – 19th December 2020

Data up to 10:00am 21st 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 21st, 2020.

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

Summary	Cumulative Testing YTD	Week 51 (13/12/2020 – 19/12/2020)
Number Tested	37,721	3,331
Number of Detected Cases	1,041	128
Detection Rate %	2.8%	3.8%
Detected 0-17	873	106
Detected 18+	168	22
No. of Facilities Tested	1,321	185
Facilities with Detected Case	357	37

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	325	7,222	286	4.0%	6,827
Primary	623	20,749	563	2.7%	20,076
Post Primary*	331	8,491	149	1.8%	8,298
Special Education	42	1,259	43	3.4%	1,201
Total	**1,321**	**37,721**	**1,041**	**2.8%**	**36,402**

* Table Notes:

- 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.
- Post primary school figures includes data from grind schools.

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	623	20,749	563	2.7%	20,076
Post Primary	331	8,491	149	1.8%	8,298
Special Education	42	1,259	43	3.4%	1,201
Total	**996**	**30,499**	**755**	**2.5%**	**29,575**

2.2 Results Summary for School Facility Testing (Week 51):

The data below provides details of the mass testing conducted in School settings for Week 51.

Table 4 Results Summary for Schools Testing WK 51: Schools Only

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Primary	89	1,952	79	4.0%	1,872
Post Primary	53	705	5	0.7%	700
Special Education	7	195	10	5.1%	184
Total	**149**	**2,852**	**94**	**3.3%**	**2,756**

2.3 School Testing Age Breakdown by Facility Type (Week 51):

The data below provides details of school type and age analysis for week 51.

Table 5 Results Summary for Schools Testing WK 51: Schools Only by Age

School Type	Age	Tested	Tested %	Detected	Detected %	Not Detected
Primary	**0-17**	1,763	62%	70	4.0%	1,692
	>18	189	7%	9	4.8%	180
Post Primary	**0-17**	577	20%	<5	0.3%	575
	>18	128	4%	<5	2.3%	125
Special Education	**0-17**	95	3%	7	7.4%	87
	>18	100	4%	<5	3.0%	97
	Total	**2,852**	**100%**	**94**	**3.3%**	**2,756**

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	0-18 years	% of 0-4 population	% of 5-18 Population
Week 51	118	283	242	643	0.04%	0.06%
Week 10-51	2,157	4,144	4,949	11,250	0.6%	1.0%
Week 35-51	1,886	3,747	4,441	10,074	0.6%	0.9%

* Note: % of population was calculated using CSO 2016 '*Census of Population – profile 3 An Age Profile of Ireland*'.

3. Summary of Childcare Facility Testing

3.1 Results Summary for Childcare Facility Testing YTD[1]:

Table 7 Results Summary YTD for Childcare Facilities

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Childcare	325	7,222	286	4.0%	6,827
Total	**325**	**7,222**	**286**	**4.0%**	**6,827**

3.2 Results Summary for Childcare Facility Testing (Week 51):

The data below provides details of the mass testing conducted Childcare Facilities for week 51.

Table 8 Results Summary WK 51 for Childcare Facilities

Facility Type	No. Facilities	No. Tested	No. Detected	Detected %	No. Not Detected
Childcare facilities	36	479	34	7.1%	444
Total	**36**	**479**	**34**	**7.1%**	**444**

3.3 Age Analysis for Childcare Facilities (Week 51):

The data below provides details of age analysis for Childcare Facilities for week 51.

Table 9 Results Summary WK 51 for Childcare Facilities

Facility Type	Age	Tested	Tested %	Detected	Detected %	Not Detected
Childcare facilities	0-17	415	87%	27	6.5%	387
	>18	64	13%	7	10.9%	57
Total		**479**	**100%**	**34**	**7.1%**	**444**

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[1] Childcare category includes Childcare and School Age Register Facilities
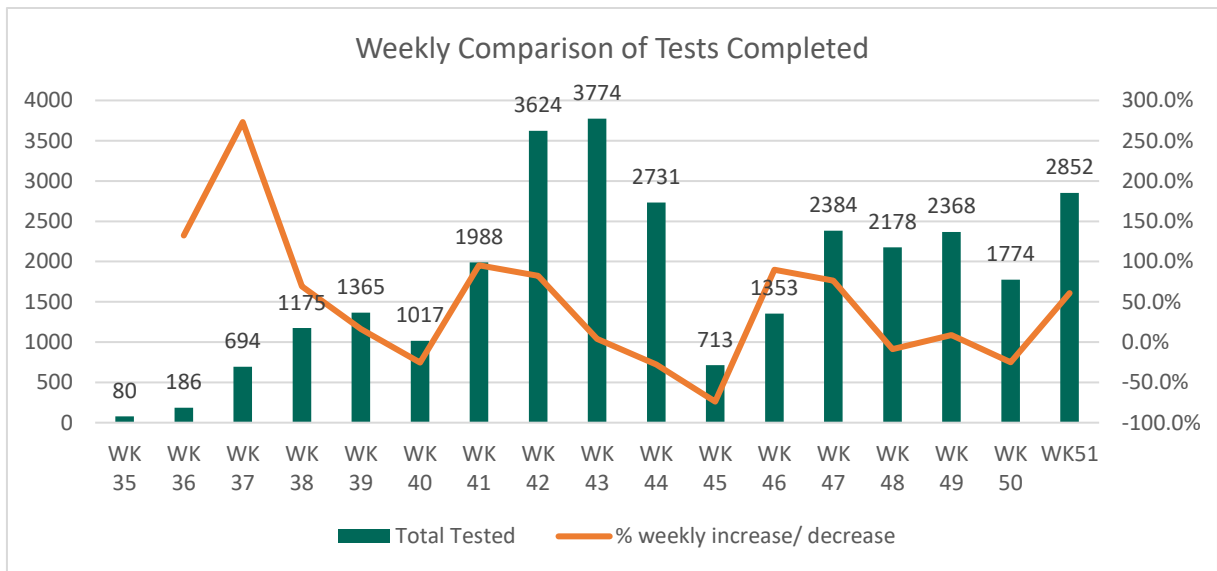
4. Supporting Graphs

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).
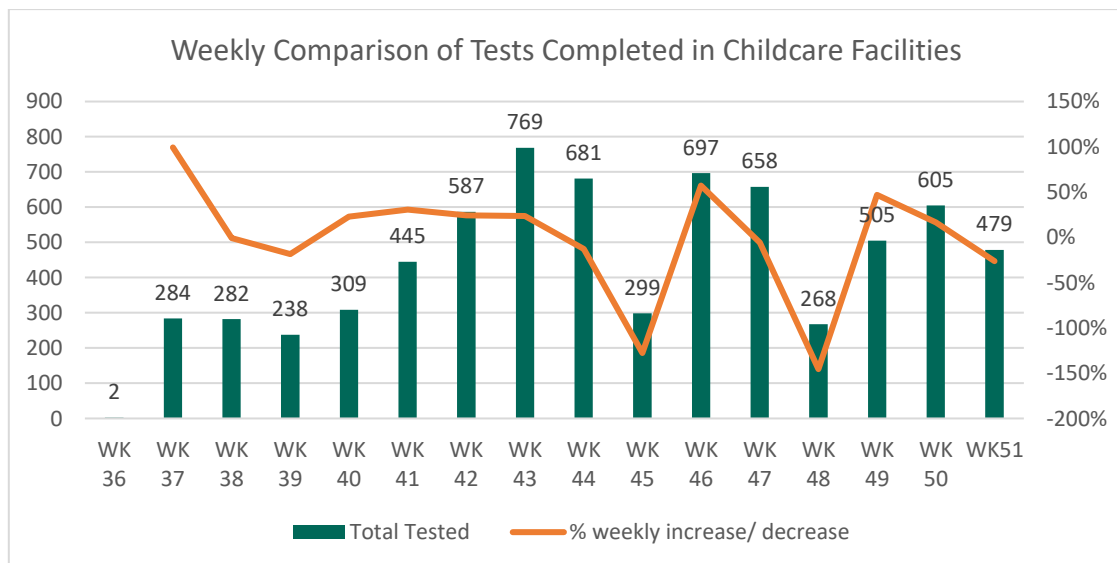
Table 10 Weekly Analysis of Schools and Special Education Testing by Week

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.

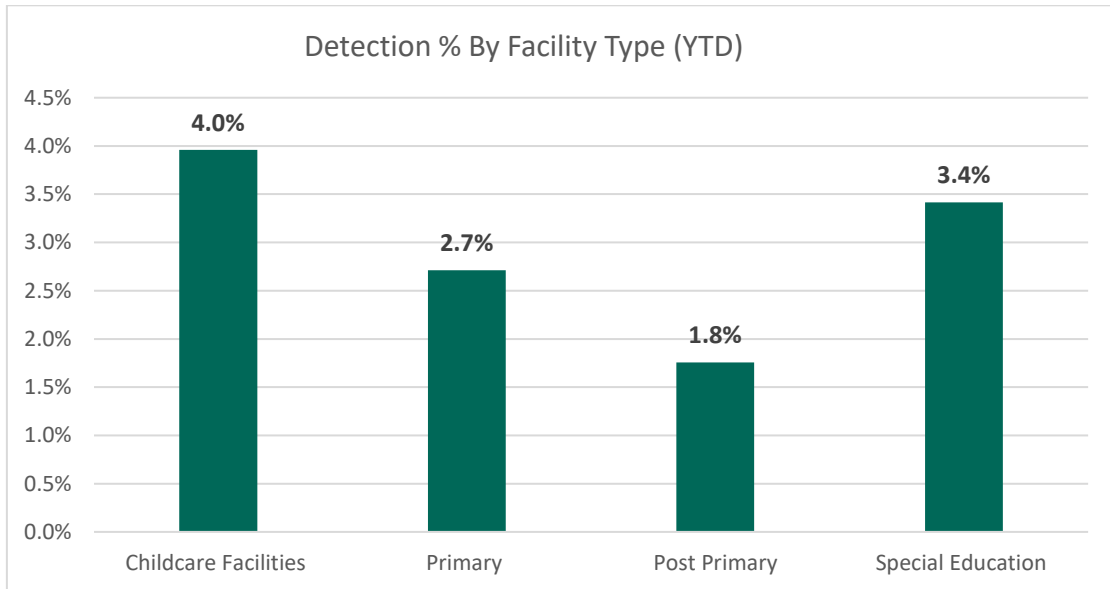**Table 11 Weekly Analysis of Childcare Facility Testing by Week**

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
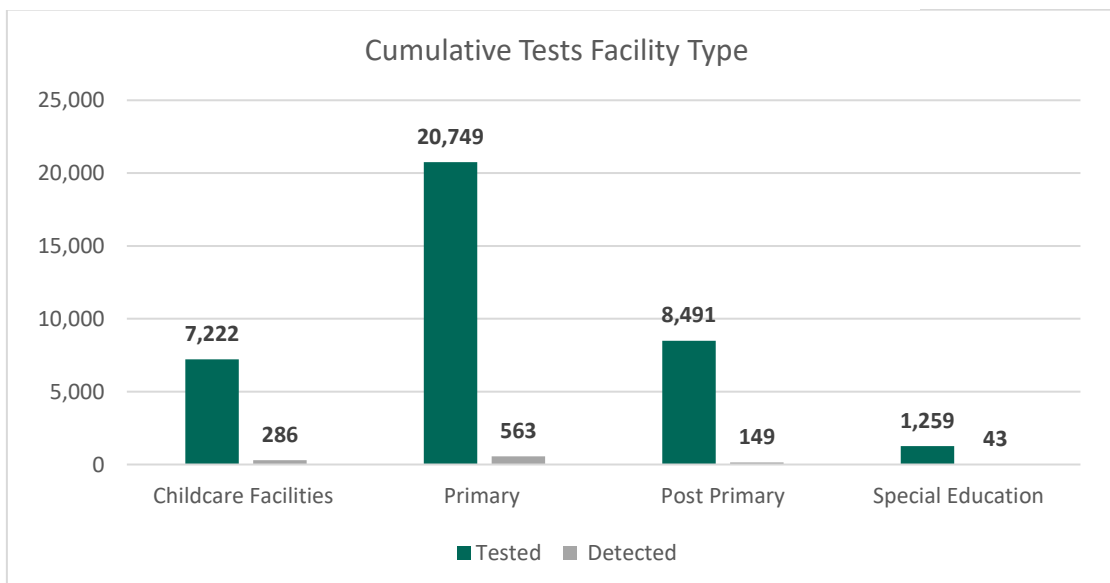

Detection % By Facility Type (YTD)

*****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 20,749 and Special Education had the lowest number of tests completed at 1,259.

Table 13 Cumulative Tests and Detected Cases by Facility Type

Cumulative Tests Facility Type

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
Week 50	06/12/2020 – 12/12/2020
Week 51	13/12/2020 – 19/12/2020

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