Contact Management Programme
Weekly Report
26th October – 1st November
Contents

Introduction ........................................................................................................................................... 3

Part 1: Close Contacts per Case ........................................................................................................... 4
  National.................................................................................................................................................. 5
  East ....................................................................................................................................................... 7
  Midlands............................................................................................................................................... 9
  Midwest .............................................................................................................................................. 11
  Northeast .......................................................................................................................................... 13
  Northwest .......................................................................................................................................... 15
  South .................................................................................................................................................. 17
  Southeast .......................................................................................................................................... 19
  West .................................................................................................................................................... 21

Part 2: Complex Contacts Review – August 31st to October 25th ....................................................... 23

Part 3: Overview of CMP Activity October 26th to November 1st ....................................................... 27
  Volume of Contacts .......................................................................................................................... 27
  Complex Contacts ............................................................................................................................ 27
  Volume of Cases ............................................................................................................................... 28
  Referral for Testing ............................................................................................................................ 29
  Close contacts, geography, circumstances and symptom status ...................................................... 30
  October 26th to November 1st .......................................................................................................... 30
  Close Contacts by Region .................................................................................................................. 30
Introduction

This report is in three parts:

- Part 1 provides an overview of the number of close contacts per case by region.
- Part 2 involves a more detailed analysis of complex contacts, particularly focusing on those captured as ‘Potential Outbreak in Another Setting’
- Part 3 provides a summary of weekly CMP Activity

Day 0 testing of all close contacts commenced on 19th May. Day 7 testing commenced on 28th May (for those whose last date of exposure was 21st May). Data are provisional. Analysis is based on the following data extracts as of 10pm, 2nd November:

- CovidCareTracker (CCT) Extracts – Patient and Contacts
- Swiftqueue Referrals Extract
- Laboratory Results Extract

Clarifications:
Day 0 testing is arranged as soon as a Contact is informed they have been in close contact with a confirmed case. Day 7 testing is arranged on the true seventh day from last contact with the confirmed case where a Day 0 test was earlier than sixth day since last contact with case.

Limitations:
While attempts were made to identify alternative COVID-19 IDs for patients where data was incomplete, it was not possible in all instances.

Acknowledgements
Contact tracing for cases and contacts on the Covidcare Tracker is a collaborative effort between staff in the CMP and in regional Departments of Public Health.
Part 1: Close Contacts per Case

In this section an overview of the close contacts by case, based on date case created on the Covidcare Tracker (CCT), and close contacts by date of last contact with case, will be presented. The contacts are not linked directly back to their index cases in order to include the complete cohort of contacts (e.g. those detected by the COVID Tracker App and those related to cases in Northern Ireland). The total number of cases reflects the number of cases managed on the CCT for the same time period. There are technical reasons for this approach.

The mean number of close contacts per case has decreased each week since the 14th of September. Local and national restrictions, according to the Plan for Living with COVID-19, have been implemented, since then, as follows:

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/09/20</td>
<td>Co. Dublin</td>
<td>Level 3</td>
</tr>
<tr>
<td>26/09/20</td>
<td>Co. Donegal</td>
<td>Level 3</td>
</tr>
<tr>
<td>07/10/20</td>
<td>Nationwide</td>
<td>Level 3</td>
</tr>
<tr>
<td>16/10/20</td>
<td>Nationwide</td>
<td>Ban on household visits</td>
</tr>
<tr>
<td>16/10/20</td>
<td>Cos. Donegal, Cavan, Monaghan</td>
<td>Level 4</td>
</tr>
<tr>
<td>22/10/20</td>
<td>Nationwide</td>
<td>Level 5</td>
</tr>
</tbody>
</table>
### National

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Household</th>
<th>Work</th>
<th>Social</th>
<th>Other</th>
<th>Not Recorded</th>
<th>Total Number of Contacts</th>
<th>Total Number of Cases</th>
<th>Mean Number of Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>1416</td>
<td>458</td>
<td>1197</td>
<td>1347</td>
<td>1118</td>
<td>5536</td>
<td>972</td>
<td>5.7</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>2497</td>
<td>814</td>
<td>2209</td>
<td>1501</td>
<td>1550</td>
<td>8571</td>
<td>1824</td>
<td>4.7</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>3572</td>
<td>841</td>
<td>2898</td>
<td>566</td>
<td>2124</td>
<td>10001</td>
<td>2216</td>
<td>4.5</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>4896</td>
<td>1216</td>
<td>4445</td>
<td>939</td>
<td>2969</td>
<td>14465</td>
<td>3190</td>
<td>4.5</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>7361</td>
<td>1570</td>
<td>4466</td>
<td>861</td>
<td>3562</td>
<td>17820</td>
<td>4374</td>
<td>4.1</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>6885</td>
<td>871</td>
<td>2360</td>
<td>805</td>
<td>3272</td>
<td>14193</td>
<td>4838</td>
<td>2.9</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>7614</td>
<td>728</td>
<td>1789</td>
<td>702</td>
<td>3515</td>
<td>14348</td>
<td>7334</td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Total Number of Contacts</strong></td>
<td><strong>36233</strong></td>
<td><strong>7127</strong></td>
<td><strong>21173</strong></td>
<td><strong>8665</strong></td>
<td><strong>19339</strong></td>
<td><strong>92537</strong></td>
<td><strong>26009</strong></td>
<td><strong>3.6</strong></td>
</tr>
</tbody>
</table>

Table 1.1 - Contacts by Circumstance of Contact – National
Covid-19 Contact Management Programme (CMP)

**Authors:** Dr Ciara Carroll, Ms. Davinia O’Donnell, Dr. Sarah Doyle

**Figure 1.1 - Close contacts by Circumstance and Date of Last Contact - National**

**Figure 1.2 - Mean Number of Close Contacts per Case by Date of Last Contact - National**
## East

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Circumstances of Contact</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>Household: 756, Work: 276, Social: 703, Other: 859, Not Recorded: 657</td>
<td>3251</td>
<td>576</td>
<td>5.6</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>Household: 1613, Work: 275, Social: 1029, Other: 107, Not Recorded: 796</td>
<td>3820</td>
<td>1311</td>
<td>2.9</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>Household: 1891, Work: 210, Social: 585, Other: 190, Not Recorded: 839</td>
<td>3715</td>
<td>1470</td>
<td>2.5</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>Household: 2436, Work: 250, Social: 607, Other: 236, Not Recorded: 1025</td>
<td>4554</td>
<td>2188</td>
<td>2.1</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>Household: 13188, Work: 2477, Social: 7205, Other: 3723, Not Recorded: 6352</td>
<td>32945</td>
<td>10058</td>
<td>3.3</td>
</tr>
</tbody>
</table>

*Table 1.2 - Contacts by Circumstance of Contact - East*
Covid-19 Contact Management Programme (CMP)

Total Number of Close Contacts by Circumstance

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Not Recorded</th>
<th>Other</th>
<th>Social</th>
<th>Work</th>
<th>Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>1118</td>
<td>1347</td>
<td>1197</td>
<td>458</td>
<td>1416</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>1229</td>
<td>1944</td>
<td>1809</td>
<td>629</td>
<td>1992</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>1550</td>
<td>1501</td>
<td>2209</td>
<td>814</td>
<td>2497</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>2124</td>
<td>566</td>
<td>2898</td>
<td>841</td>
<td>3572</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>2969</td>
<td>939</td>
<td>4445</td>
<td>1216</td>
<td>4896</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>3562</td>
<td>861</td>
<td>4466</td>
<td>1570</td>
<td>7361</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>3272</td>
<td>805</td>
<td>2360</td>
<td>871</td>
<td>6885</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>3515</td>
<td>702</td>
<td>1789</td>
<td>728</td>
<td>7614</td>
</tr>
</tbody>
</table>

Figure 1.3 - Close contacts by Circumstance and Date of Last Contact - East

Mean Number of Close Contacts per Case

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Mean Number of Contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>7.0</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>6.0</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>5.0</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>4.0</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>3.0</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>2.0</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>1.0</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Figure 1.42 - Mean Number of Close Contacts per Case by Date of Last Contact - East

Authors: Dr Ciara Carroll, Ms. Davinia O’Donnell, Dr. Sarah Doyle
## Midlands

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Circumstances of Contact</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>Household: 118, Work: 24, Social: 51, Other: 234, Not Recorded: 57</td>
<td>484</td>
<td>86</td>
<td>5.6</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>Household: 477, Work: 46, Social: 161, Other: 51, Not Recorded: 186</td>
<td>921</td>
<td>272</td>
<td>3.4</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>Household: 2002, Work: 365, Social: 1108, Other: 770, Not Recorded: 930</td>
<td>5175</td>
<td>1368</td>
<td>3.8</td>
</tr>
</tbody>
</table>

*Table 1.32 - Contacts by Circumstance of Contact - Midlands*
Figure 1.5 - Close contacts by Circumstance and Date of Last Contact - Midlands

Figure 1.6 - Mean Number of Close Contacts per Case by Date of Last Contact - Midlands

Authors: Dr Ciara Carroll, Ms.Davinia O’Donnell, Dr. Sarah Doyle
## Midwest

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Circumstances of Contact</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Household</td>
<td>Work</td>
</tr>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>188</td>
<td>16</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>98</td>
<td>26</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>80</td>
<td>26</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>188</td>
<td>118</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>513</td>
<td>178</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>638</td>
<td>102</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>495</td>
<td>79</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>649</td>
<td>71</td>
</tr>
<tr>
<td><strong>Total Number of Contacts</strong></td>
<td>2849</td>
<td>616</td>
</tr>
</tbody>
</table>

*Table 1.4 - Contacts by Circumstance of Contact - Midwest*
Figure 1.7 - Close contacts by Circumstance and Date of Last Contact - Midwest

Figure 1.8 - Mean Number of Close Contacts per Case by Date of Last Contact - Midwest
## Northeast

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Household</th>
<th>Work</th>
<th>Social</th>
<th>Other</th>
<th>Not Recorded</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>102</td>
<td>23</td>
<td>80</td>
<td>147</td>
<td>92</td>
<td>444</td>
<td>60</td>
<td>7.4</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>148</td>
<td>42</td>
<td>94</td>
<td>235</td>
<td>80</td>
<td>599</td>
<td>93</td>
<td>6.4</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>190</td>
<td>60</td>
<td>166</td>
<td>52</td>
<td>111</td>
<td>579</td>
<td>125</td>
<td>4.6</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>299</td>
<td>107</td>
<td>270</td>
<td>66</td>
<td>160</td>
<td>902</td>
<td>164</td>
<td>5.5</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>611</td>
<td>149</td>
<td>515</td>
<td>120</td>
<td>295</td>
<td>1690</td>
<td>328</td>
<td>5.2</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>1269</td>
<td>248</td>
<td>689</td>
<td>114</td>
<td>415</td>
<td>2735</td>
<td>594</td>
<td>4.6</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>1200</td>
<td>99</td>
<td>291</td>
<td>72</td>
<td>354</td>
<td>2016</td>
<td>914</td>
<td>2.2</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>1023</td>
<td>64</td>
<td>196</td>
<td>52</td>
<td>394</td>
<td>1729</td>
<td>1228</td>
<td>1.4</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>4842</td>
<td>792</td>
<td>2301</td>
<td>858</td>
<td>1901</td>
<td>10694</td>
<td>3506</td>
<td>3.1</td>
</tr>
</tbody>
</table>

*Table 1.5 - Contacts by Circumstance of Contact - Northeast*
Covid-19 Contact Management Programme (CMP)

Authors: Dr Ciara Carroll, Ms. Davinia O’Donnell, Dr. Sarah Doyle

### Total Number of Close Contacts by Circumstance

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Northeast</th>
<th>Social</th>
<th>Work</th>
<th>Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>92</td>
<td>80</td>
<td>23</td>
<td>102</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>111</td>
<td>94</td>
<td>42</td>
<td>148</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>160</td>
<td>166</td>
<td>60</td>
<td>190</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>295</td>
<td>270</td>
<td>107</td>
<td>299</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>415</td>
<td>515</td>
<td>149</td>
<td>611</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>354</td>
<td>689</td>
<td>248</td>
<td>1269</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>394</td>
<td>291</td>
<td>99</td>
<td>1200</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>354</td>
<td>196</td>
<td>64</td>
<td>1023</td>
</tr>
</tbody>
</table>

### Mean Number of Close Contacts per Case

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Northeast</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 07/09/2020</td>
<td>8</td>
</tr>
<tr>
<td>07/09/2020 - 14/09/2020</td>
<td>7</td>
</tr>
<tr>
<td>14/09/2020 - 21/09/2020</td>
<td>6</td>
</tr>
<tr>
<td>21/09/2020 - 28/09/2020</td>
<td>5</td>
</tr>
<tr>
<td>28/09/2020 - 05/10/2020</td>
<td>4</td>
</tr>
<tr>
<td>05/10/2020 - 12/10/2020</td>
<td>3</td>
</tr>
<tr>
<td>12/10/2020 - 19/10/2020</td>
<td>2</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>1</td>
</tr>
</tbody>
</table>

**Figure 1.9** - Close contacts by Circumstance and Date of Last Contact - Northeast

**Figure 1.30** - Mean Number of Close Contacts per Case Close by Date of Last Contact – Northeast
### Northwest

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Circumstances of Contact</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Household</td>
<td>Work</td>
<td>Social</td>
<td>Other</td>
</tr>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>31</td>
<td>23</td>
<td>31</td>
<td>9</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>85</td>
<td>81</td>
<td>99</td>
<td>41</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>169</td>
<td>105</td>
<td>242</td>
<td>88</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>281</td>
<td>90</td>
<td>262</td>
<td>16</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>388</td>
<td>132</td>
<td>427</td>
<td>57</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>461</td>
<td>85</td>
<td>158</td>
<td>31</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>446</td>
<td>39</td>
<td>151</td>
<td>30</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>456</td>
<td>13</td>
<td>103</td>
<td>20</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>2317</td>
<td>568</td>
<td>1473</td>
<td>292</td>
</tr>
</tbody>
</table>

*Table 1.6 - Contacts by Circumstance of Contact - Northwest*
Total Number of Close Contacts by Circumstance

<table>
<thead>
<tr>
<th>Date</th>
<th>Not Recorded</th>
<th>Other</th>
<th>Social</th>
<th>Work</th>
<th>Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020</td>
<td>88</td>
<td>77</td>
<td>82</td>
<td>16</td>
<td>188</td>
</tr>
<tr>
<td>06/09/2020</td>
<td>64</td>
<td>96</td>
<td>111</td>
<td>26</td>
<td>98</td>
</tr>
<tr>
<td>13/09/2020</td>
<td>64</td>
<td>71</td>
<td>78</td>
<td>26</td>
<td>80</td>
</tr>
<tr>
<td>20/09/2020</td>
<td>150</td>
<td>121</td>
<td>250</td>
<td>118</td>
<td>188</td>
</tr>
<tr>
<td>27/09/2020</td>
<td>345</td>
<td>320</td>
<td>513</td>
<td>118</td>
<td>513</td>
</tr>
<tr>
<td>04/10/2020</td>
<td>360</td>
<td>142</td>
<td>366</td>
<td>178</td>
<td>638</td>
</tr>
<tr>
<td>11/10/2020</td>
<td>283</td>
<td>152</td>
<td>197</td>
<td>79</td>
<td>495</td>
</tr>
<tr>
<td>18/10/2020</td>
<td>365</td>
<td>100</td>
<td>178</td>
<td>71</td>
<td>649</td>
</tr>
<tr>
<td>25/10/2020</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Figure 1.11 - Close contacts by Circumstance and Date of Last Contact - Northwest

Mean Number of Close Contacts per Case

<table>
<thead>
<tr>
<th>Date</th>
<th>Mean Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020</td>
<td>10</td>
</tr>
<tr>
<td>07/09/2020</td>
<td>9</td>
</tr>
<tr>
<td>14/09/2020</td>
<td>8</td>
</tr>
<tr>
<td>21/09/2020</td>
<td>7</td>
</tr>
<tr>
<td>28/09/2020</td>
<td>6</td>
</tr>
<tr>
<td>05/10/2020</td>
<td>5</td>
</tr>
<tr>
<td>12/10/2020</td>
<td>4</td>
</tr>
<tr>
<td>19/10/2020</td>
<td>3</td>
</tr>
<tr>
<td>06/09/2020</td>
<td>2</td>
</tr>
<tr>
<td>13/09/2020</td>
<td>1</td>
</tr>
<tr>
<td>20/09/2020</td>
<td>0</td>
</tr>
<tr>
<td>27/09/2020</td>
<td>0</td>
</tr>
<tr>
<td>04/10/2020</td>
<td>0</td>
</tr>
<tr>
<td>11/10/2020</td>
<td>0</td>
</tr>
<tr>
<td>18/10/2020</td>
<td>0</td>
</tr>
<tr>
<td>25/10/2020</td>
<td>0</td>
</tr>
</tbody>
</table>

Figure 1.12 - Mean Number of Close Contacts per Case by Date of Last Contact - Northwest

Authors: Dr Ciara Carroll, Ms Davinia O’Donnell, Dr. Sarah Doyle
## Covid-19 Contact Management Programme (CMP)

### Authors:
Dr Ciara Carroll, Ms Davinia O’Donnell, Dr Sarah Doyle

### South

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Household</th>
<th>Work</th>
<th>Social</th>
<th>Other</th>
<th>Not Recorded</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>83</td>
<td>19</td>
<td>47</td>
<td>38</td>
<td>45</td>
<td>232</td>
<td>40</td>
<td>5.8</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>82</td>
<td>49</td>
<td>118</td>
<td>23</td>
<td>49</td>
<td>321</td>
<td>35</td>
<td>9.2</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>181</td>
<td>70</td>
<td>207</td>
<td>97</td>
<td>171</td>
<td>726</td>
<td>120</td>
<td>6.1</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>417</td>
<td>160</td>
<td>503</td>
<td>61</td>
<td>395</td>
<td>1536</td>
<td>258</td>
<td>6.0</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>809</td>
<td>216</td>
<td>930</td>
<td>95</td>
<td>441</td>
<td>2491</td>
<td>382</td>
<td>6.5</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>1309</td>
<td>265</td>
<td>831</td>
<td>134</td>
<td>520</td>
<td>3059</td>
<td>695</td>
<td>4.4</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>1030</td>
<td>170</td>
<td>441</td>
<td>164</td>
<td>386</td>
<td>2191</td>
<td>761</td>
<td>2.9</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>1182</td>
<td>120</td>
<td>297</td>
<td>133</td>
<td>487</td>
<td>2219</td>
<td>1094</td>
<td>2.0</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>5093</td>
<td>1069</td>
<td>3374</td>
<td>745</td>
<td>2494</td>
<td>12775</td>
<td>3385</td>
<td>3.8</td>
</tr>
</tbody>
</table>

*Table 1.7 - Contacts by Circumstance of Contact - South*
Total Number of Close Contacts by Circumstance

<table>
<thead>
<tr>
<th>Date</th>
<th>Not Recorded</th>
<th>Other</th>
<th>Social</th>
<th>Work</th>
<th>Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020</td>
<td>45</td>
<td>38</td>
<td>47</td>
<td>19</td>
<td>83</td>
</tr>
<tr>
<td>07/09/2020</td>
<td>49</td>
<td>23</td>
<td>118</td>
<td>49</td>
<td>82</td>
</tr>
<tr>
<td>14/09/2020</td>
<td>171</td>
<td>97</td>
<td>207</td>
<td>70</td>
<td>181</td>
</tr>
<tr>
<td>21/09/2020</td>
<td>395</td>
<td>61</td>
<td>503</td>
<td>160</td>
<td>417</td>
</tr>
<tr>
<td>28/09/2020</td>
<td>441</td>
<td>95</td>
<td>930</td>
<td>160</td>
<td>809</td>
</tr>
<tr>
<td>05/10/2020</td>
<td>520</td>
<td>134</td>
<td>831</td>
<td>216</td>
<td>1309</td>
</tr>
<tr>
<td>12/10/2020</td>
<td>386</td>
<td>164</td>
<td>441</td>
<td>265</td>
<td>1030</td>
</tr>
<tr>
<td>19/10/2020</td>
<td>487</td>
<td>133</td>
<td>297</td>
<td>170</td>
<td>1182</td>
</tr>
</tbody>
</table>

Figure 1.13 - Close contacts by Circumstance and Date of Last Contact - South

Mean Number of Close Contacts per Case

Figure 1.14 - Mean Number of Close Contacts per Case by Date of Last Contact - South
## Southeast

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Circumstances of Contact</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>Household: 84, Work: 35, Social: 78, Other: 58, Not Recorded: 45</td>
<td>300</td>
<td>67</td>
<td>4.5</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>Household: 100, Work: 30, Social: 49, Other: 17, Not Recorded: 78</td>
<td>274</td>
<td>104</td>
<td>2.6</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>Household: 532, Work: 70, Social: 185, Other: 51, Not Recorded: 179</td>
<td>1017</td>
<td>362</td>
<td>2.8</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>Household: 2156, Work: 422, Social: 1392, Other: 362, Not Recorded: 1079</td>
<td>5411</td>
<td>1565</td>
<td>3.5</td>
</tr>
</tbody>
</table>

*Table 1.8 - Close contacts by Circumstance - Southeast*
Figure 1.15 - Close contacts by Circumstance and Date of Last Contact - Southeast

Figure 1.16 - Mean Number of Close Contacts per Case by Date of Last Contact - Southeast
Covid-19 Contact Management Programme (CMP)

West

<table>
<thead>
<tr>
<th>Date of Last Contact</th>
<th>Household</th>
<th>Work</th>
<th>Social</th>
<th>Other</th>
<th>Not Recorded</th>
<th>Total Contacts</th>
<th>Total Cases</th>
<th>Mean No. Contacts/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/08/2020 - 06/09/2020</td>
<td>72</td>
<td>43</td>
<td>75</td>
<td>80</td>
<td>73</td>
<td>343</td>
<td>27</td>
<td>12.7</td>
</tr>
<tr>
<td>07/09/2020 - 13/09/2020</td>
<td>87</td>
<td>8</td>
<td>96</td>
<td>112</td>
<td>61</td>
<td>364</td>
<td>50</td>
<td>7.3</td>
</tr>
<tr>
<td>14/09/2020 - 20/09/2020</td>
<td>174</td>
<td>54</td>
<td>233</td>
<td>57</td>
<td>108</td>
<td>626</td>
<td>73</td>
<td>8.6</td>
</tr>
<tr>
<td>21/09/2020 - 27/09/2020</td>
<td>356</td>
<td>34</td>
<td>327</td>
<td>58</td>
<td>111</td>
<td>886</td>
<td>167</td>
<td>5.3</td>
</tr>
<tr>
<td>28/09/2020 - 04/10/2020</td>
<td>341</td>
<td>92</td>
<td>415</td>
<td>122</td>
<td>240</td>
<td>1210</td>
<td>213</td>
<td>5.7</td>
</tr>
<tr>
<td>05/10/2020 - 11/10/2020</td>
<td>732</td>
<td>167</td>
<td>530</td>
<td>132</td>
<td>287</td>
<td>1848</td>
<td>367</td>
<td>5.0</td>
</tr>
<tr>
<td>12/10/2020 - 18/10/2020</td>
<td>663</td>
<td>132</td>
<td>293</td>
<td>71</td>
<td>357</td>
<td>1516</td>
<td>415</td>
<td>3.7</td>
</tr>
<tr>
<td>19/10/2020 - 25/10/2020</td>
<td>763</td>
<td>81</td>
<td>163</td>
<td>49</td>
<td>268</td>
<td>1324</td>
<td>727</td>
<td>1.8</td>
</tr>
<tr>
<td>Total Number of Contacts</td>
<td>3188</td>
<td>611</td>
<td>2132</td>
<td>681</td>
<td>1505</td>
<td>8117</td>
<td>2039</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Table 1.9 - Contacts by Circumstance of Contact - West
Covid-19 Contact Management Programme (CMP)

Authors: Dr Ciara Carroll, Ms. Davinia O’Donnell, Dr. Sarah Doyle

Figure 1.18 - Close contacts by Circumstance and Date of Last Contact - West

Figure 1.19 - Mean Number of Close Contacts per Case by Date of Last Contact - West
Part 2: Complex Contacts Review – August 31st to October 25th

Overview of Complex Contacts

A summary of all complex contacts created on the CovidCare Tracker between August 31st and October 25th is presented below.

‘Potential Outbreak in Another Setting’ is the most common reason for complexity recorded on the CCT. This incorporates a range of settings and episodes of contact with a group of individuals, known or unknown to the index case, which are referred to Departments of Public Health for investigation or informing purposes.

<table>
<thead>
<tr>
<th>Reason for Complexity</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential Outbreak in Another Setting</td>
<td>4448</td>
</tr>
<tr>
<td>Educational Institute</td>
<td>2459</td>
</tr>
<tr>
<td>Social Venue</td>
<td>1936</td>
</tr>
<tr>
<td>Hospital</td>
<td>860</td>
</tr>
<tr>
<td>Nursing Home</td>
<td>515</td>
</tr>
<tr>
<td>Public transport</td>
<td>333</td>
</tr>
<tr>
<td>Flight</td>
<td>290</td>
</tr>
<tr>
<td>Other Residential Care Setting</td>
<td>208</td>
</tr>
<tr>
<td>Home Help Services</td>
<td>106</td>
</tr>
<tr>
<td>Member of the Traveller Community</td>
<td>61</td>
</tr>
<tr>
<td>Homeless Accommodation</td>
<td>21</td>
</tr>
<tr>
<td>Asylum Seeker Accommodation</td>
<td>14</td>
</tr>
<tr>
<td>Prison</td>
<td>10</td>
</tr>
<tr>
<td>Member of the Roma Community</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11262</strong></td>
</tr>
</tbody>
</table>

*Table 2.1 - Reason for Complexity*
Figure 4.1 - Reason for Complexity

- Potential outbreak in another setting
- Educational Institute
- Social Venue
- Hospital
- Nursing Home
- Public transport
- Flight
- Other Residential Care Setting
- Home Help Services
- Member of the Traveller Community
- Homeless Accommodation
- Asylum Seeker Accommodation
- Prison
- Member of the Roma Community

Authors: Dr Ciara Carroll, Ms.Davinia O’Donnell, Dr. Sarah Doyle
Potential Outbreak in Other Setting – Most Common Categories

Details of the most common categories (where recorded) of complex contacts captured as a ‘Potential Outbreak in Another Setting’ is provided below.

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shop/Supermarket</td>
<td>421</td>
</tr>
<tr>
<td>Other Workplace</td>
<td>255</td>
</tr>
<tr>
<td>Food Production</td>
<td>246</td>
</tr>
<tr>
<td>Public House</td>
<td>235</td>
</tr>
<tr>
<td>Hotel/B&amp;B</td>
<td>232</td>
</tr>
<tr>
<td>Restaurant/Café</td>
<td>224</td>
</tr>
<tr>
<td>Hairdresser/Barber/Beautician</td>
<td>194</td>
</tr>
<tr>
<td>Gymnasium</td>
<td>163</td>
</tr>
<tr>
<td>Office</td>
<td>157</td>
</tr>
<tr>
<td>GAA Sports</td>
<td>146</td>
</tr>
<tr>
<td>GP Practice</td>
<td>68</td>
</tr>
<tr>
<td>Garda Station</td>
<td>53</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>48</td>
</tr>
<tr>
<td>Other Recreation</td>
<td>43</td>
</tr>
<tr>
<td>Dentist</td>
<td>43</td>
</tr>
<tr>
<td>Construction Site</td>
<td>41</td>
</tr>
<tr>
<td>Soccer</td>
<td>39</td>
</tr>
<tr>
<td>Local Authority</td>
<td>35</td>
</tr>
<tr>
<td>General/Acute Hospital</td>
<td>27</td>
</tr>
<tr>
<td>Rugby</td>
<td>27</td>
</tr>
</tbody>
</table>

Table 2.2 - Categories of Complex Contact Captured as ‘Potential Outbreak in Another Setting’
Potential Outbreak in Another Setting - Most Common Sub-Categories

- Shop/Supermarket
- Other Workplace
- Food Production
- Public House
- Hotel/B&B
- Restaurant/Café
- Hairdresser/Barber/Beautician
- Gymnasium
- Office
- GAA Sports
- GP Practice
- Garda Station
- Pharmacy
- Dentist
- Other Recreation
- Construction Site
- Soccer
- Local Authority
- Rugby
- General/Acute Hospital

Figure 2.2 - Categories of Complex Contact Captured as 'Potential Outbreak in Another Setting'
Part 3: Overview of CMP Activity October 26th to November 1st

Volume of Contacts

There was a decrease in the numbers of close contacts captured during the week ending November 2nd, 21,131 to 11,099 representing a 47% decrease. To date, 94% of these contacts have been successfully informed by the CMP. This week saw a reduction in the number of complex contacts from 2,250 to 1,477, a 34% decrease.

![Total Number of Contacts by Week](chart.png)

*Figure 3.1 - Close and Complex Contact Numbers*

Complex Contacts

This week saw a 13% increase in the number of hospitals captured as complex contacts (244 to 280). The number of social venues recorded as complex contacts decreased by 60% from 207 to 82. There was a large decrease in the number of Complex Contacts recorded in Educational Institutes, down from 681 to 350, representing a 47% decrease.
Volume of Cases

The total number of cases managed by the Contact Management Programme for the week ending 1\textsuperscript{st} November was 4,182, a week on week decrease of 43\% (Figure 2.3). This represents 93\% of the cases reported via the CCT during this period.
Figure 3.3 - Volume of Cases Managed using CCT

Referral for Testing

Figure 3.4 - Number of Day 0 and Day 7 Referrals Placed for Close Contacts
Close contacts, geography, circumstances and symptom status – October 26th to November 1st

Tables 3.1 to 3.5 and figures 3.5 to 3.8 below provide more detailed illustration of numbers, geographic location, circumstances and symptomatic status of close contacts.

**Close Contacts by Region**

<table>
<thead>
<tr>
<th>Region</th>
<th>No. of Close Contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>3960</td>
</tr>
<tr>
<td>Mid-West</td>
<td>1131</td>
</tr>
<tr>
<td>Midlands</td>
<td>691</td>
</tr>
<tr>
<td>North East</td>
<td>987</td>
</tr>
<tr>
<td>North West</td>
<td>493</td>
</tr>
<tr>
<td>South</td>
<td>1700</td>
</tr>
<tr>
<td>South East</td>
<td>700</td>
</tr>
<tr>
<td>West</td>
<td>928</td>
</tr>
<tr>
<td>Not Recorded</td>
<td>502</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>11099</strong></td>
</tr>
</tbody>
</table>

*Table 3.1 - Close Contacts by Region*
Close Contact: Demographic Details

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Female</th>
<th>Male</th>
<th>Not Recorded</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9</td>
<td>629</td>
<td>648</td>
<td>58</td>
<td>3</td>
<td>1338</td>
</tr>
<tr>
<td>10-19</td>
<td>911</td>
<td>964</td>
<td>76</td>
<td>3</td>
<td>1954</td>
</tr>
<tr>
<td>20-29</td>
<td>959</td>
<td>969</td>
<td>80</td>
<td>0</td>
<td>2008</td>
</tr>
<tr>
<td>30-39</td>
<td>680</td>
<td>606</td>
<td>47</td>
<td>1</td>
<td>1334</td>
</tr>
<tr>
<td>40-49</td>
<td>674</td>
<td>630</td>
<td>44</td>
<td>1</td>
<td>1349</td>
</tr>
<tr>
<td>50-59</td>
<td>599</td>
<td>605</td>
<td>47</td>
<td>0</td>
<td>1251</td>
</tr>
<tr>
<td>60-69</td>
<td>308</td>
<td>334</td>
<td>20</td>
<td>0</td>
<td>662</td>
</tr>
<tr>
<td>70-79</td>
<td>129</td>
<td>130</td>
<td>9</td>
<td>0</td>
<td>268</td>
</tr>
<tr>
<td>80+</td>
<td>72</td>
<td>55</td>
<td>8</td>
<td>1</td>
<td>136</td>
</tr>
<tr>
<td>Not Recorded</td>
<td>220</td>
<td>246</td>
<td>332</td>
<td>1</td>
<td>799</td>
</tr>
<tr>
<td>Total</td>
<td>5181</td>
<td>5187</td>
<td>721</td>
<td>10</td>
<td>11099</td>
</tr>
</tbody>
</table>

Table 3.2 - Age and Gender of Close Contacts
Covid-19 Contact Management Programme (CMP)

Close Contact Demographic Details

![Graph: Breakdown of Close Contacts by Age and Gender]

**Figure 3.6 - Breakdown of Close Contacts by Age and Gender**

Close Contacts: Circumstances and Symptoms October 26th to November 1st

<table>
<thead>
<tr>
<th>Circumstance</th>
<th>Asymptomatic</th>
<th>Not Recorded</th>
<th>Symptomatic</th>
<th>Unable To Verify</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare Setting: Patient</td>
<td>79</td>
<td>5</td>
<td>11</td>
<td>18</td>
<td>113</td>
</tr>
<tr>
<td>Healthcare Setting: Staff</td>
<td>45</td>
<td>12</td>
<td>2</td>
<td>2</td>
<td>61</td>
</tr>
<tr>
<td>Household</td>
<td>4438</td>
<td>53</td>
<td>1148</td>
<td>239</td>
<td>5878</td>
</tr>
<tr>
<td>Pre-school</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Primary school</td>
<td>15</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>Restaurant/café</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Secondary level education</td>
<td>31</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Social contact with extended family</td>
<td>640</td>
<td>6</td>
<td>141</td>
<td>29</td>
<td>816</td>
</tr>
<tr>
<td>Social: other</td>
<td>779</td>
<td>7</td>
<td>198</td>
<td>55</td>
<td>1039</td>
</tr>
<tr>
<td>Sport Indoor activity</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Sport Outdoor activity</td>
<td>38</td>
<td>3</td>
<td>7</td>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>Third level education</td>
<td>26</td>
<td>0</td>
<td>6</td>
<td>2</td>
<td>34</td>
</tr>
<tr>
<td>Transport: other</td>
<td>46</td>
<td>0</td>
<td>11</td>
<td>2</td>
<td>59</td>
</tr>
<tr>
<td>Travel</td>
<td>9</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>11</td>
</tr>
<tr>
<td>Workplace</td>
<td>533</td>
<td>6</td>
<td>94</td>
<td>6</td>
<td>671</td>
</tr>
<tr>
<td>Other</td>
<td>176</td>
<td>2</td>
<td>34</td>
<td>13</td>
<td>225</td>
</tr>
<tr>
<td>Not Recorded</td>
<td>1489</td>
<td>42</td>
<td>364</td>
<td>175</td>
<td>2070</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>8365</strong></td>
<td><strong>126</strong></td>
<td><strong>2033</strong></td>
<td><strong>575</strong></td>
<td><strong>11099</strong></td>
</tr>
</tbody>
</table>

*Table 3.3 - Contact Circumstances and Symptoms*

Authors: Dr Ciara Carroll, Ms.Davinia O’Donnell, Dr. Sarah Doyle
Complex Contacts – 26th October to 1st November

- Potential outbreak in another setting: 408
- Educational Institute: 350
- Hospital: 280
- Nursing Home: 140
- Social Venue: 82
- Flight: 50
- Other Residential Care Setting: 47
- Public transport: 43
- Home Help Services: 43
- Prison: 11
- Asylum Seeker Accommodation: 10
- Member of the Traveller Community: 9
- Homeless Accommodation: 4

**Total**: 1141

Table 3.4 - Reason for Complexity
Figure 3.8 - Complex Contact Reason for Complexity

Data are provisional - Some close contacts are managed off the CCT.

Ends.