

Validation checks for the Referrals, Assessments and Packages of Care collection (RAP)

For the collection period 1st April 2008 – 31st March 2009

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Contents

Contents	3
Internal validation checks in the Internet Data Collection (IDC) facility	4
R2	4
R3 (Page 1)	4
A1	4
A7 (Page 1)	5
A7 (Page 2)	5
A7 (Page 3)	5
A8 (Page 1)	5
A8 (Page 2)	5
P1 (Page 1)	5
P1 (Page 2)	6
P2f (Pages 1 & 2)	7
P2f (Pages 3 & 4)	8
P2f (Page 5)	9
P2s (Pages 1 & 2)	9
P2s (Pages 3 & 4)	11
P2s (Pages 5 & 6)	13
P2s (Page 7)	14
P4f (Page 1) & P4m (Page 1)	15
P4f (Page 2) & P4m (Page 2)	15
P4f (Page 3) & P4m (Page 3)	16
P4f (Page 4) & P4m (Page 4)	17
C1 (Page 1)	17
C1 (Page 2)	17
C2 (Page 1)	18
C2 (Page 2)	18
Data quality checks carried out by the Adult Social Services Statistics section	19

Internal validation checks in the Internet Data Collection (IDC) facility

R2

- The value entered in the cell for 'Total of contacts for new clients' should be within 20% of the value entered in that cell in the previous year.

[7019]

R3 (Page 1)

- The sum of the values entered in all of the cells on R3 should be greater than or equal to the value entered in the 'Total of contacts for new clients' cell on R2.

[1647]

A1

- The value entered in the 'Overall total of existing clients with existing reviews' cell should be equal to the sum of the values entered in all cells in the 'Column Totals' row.

[1855]

- For each age group column in the 'Clients with completed reviews for existing clients' columns (i.e. 18-64, 65-74, and 75 and over): the value entered in the cell in the 'Column Totals' row should be equal to the sum of the values entered in each of the 'Primary client type' cells in that column.

[45, 46, 47]

- For each age group column in the 'Clients with completed reviews for existing clients' columns (i.e. 18-64, 65-74, and 75 and over): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[27, 28, 32, 33, 34, 35, 36, 37, 39, 40, 41, 43]

- For each age group column in the 'Clients with completed reviews for existing clients' columns (i.e. 18-64, 65-74, and 75 and over): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[38, 42, 44]

- For each of the cells in the 'Total Review Events' row: the value entered should be greater than or equal to the value entered in the cell in the 'Column Totals' row in that column.

[837, 1861, 1862, 1863]

- The value entered in the cell for 'Total of existing clients with completed reviews' should be within 20% of the value entered in that cell in the previous year.

[7001]

A7 (Page 1)

- For 'All new clients 65 and over' the sum of the values entered in the cells in the 'Time band' rows should be within 20% of the corresponding value from the previous year.

[7002]

A7 (Page 2)

- For each 'Time band' row and for both age groups: the sum of the values entered in all of the cells in that row should be equal to the value entered in the 'All new clients' column on A7 (Page 1) for that 'Time band' row for the corresponding age group.

[318, 320, 321, 322, 323, 324, 325, 326, 327, 328]

A7 (Page 3)

- For each 'Time band' row and for both age groups: the sum of the values entered in all of the cells in that row should be equal to the value entered in the 'All new clients' column on A7 (Page 1) for that 'Time band' row for the corresponding age group.

[349, 350, 351, 352, 353, 354, 355, 356, 357, 358]

A8 (Page 1)

- For 'All new clients 65 and over' the sum of the values entered in the cells in the 'Time band' rows should be within 20% of the corresponding value from the previous year's data.

[7003]

A8 (Page 2)

- For each 'Time band' row and for both age groups: the sum of the values entered in all of the cells in that row should be equal to the value entered in the 'All new clients' column on A8 (Page 1) for that 'Time band' row and the corresponding age group.

[359, 360, 361, 362, 2283, 2284, 2285, 2286]

P1 (Page 1)

- The value entered in the 'Total number of adult clients of all ages receiving services during the period' cell should be equal to the sum of the values entered in the cell in the 'Total of clients' column, 'Total of above' row on P1 (Page 1) plus the sum of the values entered in the cell in the 'Total of clients' column, 'Total of above' row on P1 (Page 2).

[1860]

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column. Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[159, 165, 167, 168]

- For each row: the value entered in the cell in the 'Total of clients' column does not have to equal the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells on that row. However, any value entered in a cell in the 'Service type' columns should be less than or equal to the value entered in the 'Total of clients' column cell for that row.

[99, 102, 103, 106, 107, 113, 124, 125, 128, 129, 131, 132, 133, 135, 138, 141, 144, 145, 154, 155, 157, 168, 170, 172, 173, 174, 175, 176, 177, 178, 179, 182, 183, 184]

- For each row: the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297]

- For each 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column: the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[96, 97, 98, 114, 115, 116, 121, 122, 123, 137, 146, 161, 163, 169, 170, 171]

- For each 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column: any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[95, 104, 110, 126]

- For each 'Service type' column (including Total of clients) the value entered in the cell in the 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7005, 7006, 7007, 7009]

P1 (Page 2)

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column. Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[250, 252, 254, 256]

- For each row: the value entered in the cell in the 'Total of clients' column does not have to equal the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells on that row. However, any value entered in a cell in the 'Service type' columns should be less than or equal to the value entered in the 'Total of clients' column cell for that row.

[209, 224, 226, 231, 234, 236, 238, 241, 242, 244, 245, 246, 248, 249, 258, 259, 261, 262, 264, 265, 269, 271, 272, 274, 286, 287, 337, 340, 341, 344, 345, 347, 348]

- For each row: the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308]

- For each 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column: the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.
[205, 218, 220, 273, 275, 278, 280, 281, 282, 288, 290, 291, 292, 293, 332, 333]
- For each 'Service type' (i.e. Total of clients, Community-based services in own home, Residential care, Nursing care) column: any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.
[223, 232, 239, 1216]
- For each 'Service type' column (including Total of clients) the value entered in the cell in the 'Total of above' row should be within 20% of the corresponding value from the previous year.
[7010, 7011, 7012, 7014]

P2f (Pages 1 & 2)

- For each row: the value entered in the cell in the 'Total of clients' column does not need to equal the sum of the values entered in the cells for the 'Components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) for that row as double counting of clients across 'Components of service' columns is possible. However, any value entered in a cell in the 'Components of service' column should be less than or equal to the value entered in the cell in the 'Total of clients' column for that row.
[395, 398, 417, 424, 426, 427, 428, 429, 430, 432, 433, 435, 436, 438, 439, 440, 441, 442, 444, 445, 446, 447, 448, 449, 450, 451, 452, 454, 455, 456, 457, 458, 459, 462, 464, 465, 468, 470, 471, 474, 480, 482, 486, 492, 493, 495, 496, 500, 507, 509, 573, 576, 581, 582, 587, 588, 590, 591, 606, 610, 614, 615, 618, 619, 620, 645, 648, 649, 650, 652, 657, 658, 663, 665, 666, 669, 670, 673, 681, 683, 685, 686, 687, 698, 699, 700, 701, 1650, 1652, 1654, 1664]
- For each row: the sum of the values entered in each of the cells in the 'Components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.
[1172, 1173, 1174, 1175, 1176, 1179, 1195, 1196, 1198, 1199, 1201]
- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Components of service' column (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other). Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.
[475, 480, 482, 486, 498, 510, 513, 550, 552]
- For each 'Components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[1723, 1725, 1728, 1735, 1737, 1740, 1742, 1746, 1750, 1752, 1755, 1757, 1758, 1759, 1760, 1765, 1779, 1780, 1781, 1786, 1788, 1792, 1794, 1797, 1802, 1805, 1807, 1808, 1810, 1815, 1817, 1819, 1820, 1821, 1823, 1824]

- For each 'Components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[1768, 1771, 1773, 1777, 1825, 1826, 1827, 1829, 1830]

- For each row: the value entered in the cell in the 'Total of clients' column should be equal to the value entered in the cell in the 'Community based services in own home' column, for the corresponding row on P1 (Page 1).

[1311, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322]

- The value entered in the cell in the 'Total of clients' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7025]

- The value entered in the cell for the 'Total of above' row in the 'Professional support' column should not fall below a fixed value (10th percentile of previous year's responses) or above a fixed value (90th percentile of previous year's responses) per 1000 population.

[7065]

- The total number of clients receiving 'Equipment and adaptations' will be compared against the value from the previous year. The values should be expected to increase (but not significantly), and fall within 30% of the values from the previous year.

[7070]

P2f (Pages 3 & 4)

- For each row: the value entered in the cell in the 'Total of clients' column does not need to equal the sum of the values entered in the cells for the 'Components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) for that row as double counting of clients across 'Components of service' columns is possible. However, any value entered in a cell in the 'Components of service' column should be less than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[715, 719, 720, 724, 726, 728, 730, 731, 732, 733, 734, 736, 741, 743, 745, 748, 751, 752, 753, 755, 756, 768, 769, 772, 773, 775, 776, 777, 778, 779, 781, 783, 787, 788, 791, 913, 921, 925, 928, 938, 940, 941, 942, 962, 963, 975, 996, 1023, 1027, 1032, 1036, 1038, 1040, 1044, 1046, 1048, 1049, 1066, 1067, 1069, 1071, 1073, 1074, 1086, 1088, 1089, 1090, 1091, 1094, 1098, 1100, 1101, 1103, 1104, 1106, 1109, 1113, 1116, 1117, 1120, 1123, 1124, 1125, 1126, 1128, 1131, 1678]

- For each row: the sum of the values entered in each of the cells in the 'Components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1182, 1183, 1189, 1191, 1192, 1193, 1202, 1204, 1206, 1207, 1209]

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Components of service' column (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other). Please note

that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[931, 965, 972, 994, 1003, 1012, 1014, 1016, 1017]

- For each 'Components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[1715, 1716, 1717, 1720, 1721, 1722, 1724, 1727, 1729, 1731, 1733, 1736, 1738, 1739, 1741, 1745, 1761, 1762, 1764, 1767, 1769, 1772, 1775, 1776, 1784, 1785, 1787, 1789, 1790, 1793, 1796, 1798, 1800, 1801, 1804, 1806]

- For each 'Components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[1747, 1748, 1749, 1753, 1809, 1811, 1812, 1816, 1818]

- For each row: the value entered in the cell in the 'Total of clients' column should be equal to the value entered in the cell in the 'Community based services in own home' column, for the corresponding row on P1 (Page 2).

[1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332]

- The value entered in the cell in the 'Total of clients' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7026]

- The value entered in the cell for the 'Total of above' row in the 'Professional support' column should not fall below a fixed value (10th percentile of previous year's responses) or above a fixed value (90th percentile of previous year's responses) per 1000 population.

[7066]

- The total number of clients receiving 'Equipment and adaptations' will be compared against the value from the previous year. The values should be expected to increase (but not significantly), and fall within 30% of the values from the previous year.

[7071]

P2f (Page 5)

- The sum of the values entered in each of the cells for 'Total number of clients receiving Direct payments' (i.e. Aged 65-74, Aged 75-84, Aged 85 and over) should be equal to the value entered in the cell in the 'Direct payments' column, 'Total of above' row on P2f (Page 4).

[2277]

P2s (Pages 1 & 2)

- For each row: the value entered in the cell in the 'Total of clients' column does not need to equal the sum of the values entered in the cells for the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) for that row as double counting of clients across 'Selected components of service' columns is possible. However, any value entered in a cell in the

'Selected components of service' column should be less than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[388, 390, 391, 392, 394, 396, 399, 400, 401, 403, 405, 406, 407, 408, 409, 410, 411, 412, 414, 415, 416, 419, 420, 421, 422, 423, 466, 469, 472, 476, 477, 478, 479, 481, 483, 484, 485, 487, 489, 514, 515, 516, 517, 518, 519, 521, 522, 523, 524, 525, 526, 527, 528, 530, 532, 533, 534, 536, 538, 539, 540, 541, 542, 544, 545, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 571, 572, 574, 575, 1710]

- For each row: the sum of the values entered in each of the cells in the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1177, 1180, 1181, 1184, 1185, 1186, 1187, 1188, 1190, 1184, 1197]

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Selected components of service' column (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other). Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[490, 491, 494, 497, 499, 502, 503, 511, 512]

- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[924, 926, 1092, 1095, 1096, 1097, 1108, 1111, 1115, 1122, 1129, 1132, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1147, 1148, 1149, 1150, 1151, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1691]

- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[1099, 1102, 1107, 1112, 1152, 1153, 1154, 1155, 1156]

- For each cell: the value entered should be less than or equal to the value entered in the corresponding cell on P2f (Pages 1 & 2).

[1358, 1359, 1360, 1361, 1362, 1363, 1393, 1396, 1397, 1398, 1400, 1402, 1403, 1405, 1407, 1408, 1409, 1410, 1412, 1415, 1417, 1419, 1421, 1423, 1425, 1426, 1427, 1428, 1429, 1431, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1454, 1480, 1482, 1484, 1487, 1489, 1511, 1512, 1512, 1514, 1517, 1521, 1523, 1524, 1525, 1526, 1588, 1589, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1599, 1600, 1601, 1602, 1603, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1626, 1628, 1629, 1630, 1631, 1632, 1633, 1635, 1636, 1637, 1639, 1640, 1641, 1642, 1645, 1646, 1690, 1707]

- The value entered in the cell in the 'Total of clients' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7015]

- The value entered in the cell in the 'Total of clients' column, 'Mental Health (total)' row should be within 20% of the corresponding value from the previous year.

[7037, 7059]

- The value entered in the cell for the 'Total of above' row in the 'Professional support' column should not fall below a fixed value (10th percentile of previous year's responses) or above a fixed value (90th percentile of previous year's responses) per 1000 population.

[7067]

- Comparison of the 'Components of service' values in P2s as a percentage of those in P2f, where the value matches almost exactly (99% and above) between P2f and P2s for:
 - Home Care [7039]
 - Day Care [7040]
 - Meals [7041]
 - Short term residential not respite [7042]
 - Other [7054]

Or the value matches almost exactly (90% and above) between P2f and P2s for:

- Direct payments [7051]
 - Professional support [7052]
 - Equipment and adaptations [7053]
- The value entered in the cell in the 'Direct payments' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7047]

P2s (Pages 3 & 4)

- For each row: the value entered in the cell in the 'Total of clients' column does not need to equal the sum of the values entered in the cells for the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) for that row as double counting of clients across 'Selected components of service' columns is possible. However, any value entered in a cell in the 'Selected components of service' column should be less than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[577, 579, 580, 583, 584, 586, 589, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 609, 613, 616, 622, 623, 625, 626, 627, 628, 630, 631, 632, 633, 635, 636, 637, 638, 640, 641, 688, 689, 690, 691, 692, 693, 694, 695, 697, 702, 703, 704, 705, 706, 707, 708, 709, 710, 713, 714, 716, 718, 725, 727, 729, 735, 740, 742, 744, 746, 750, 757, 758, 759, 761, 762, 763, 764, 766, 771]

- For each row: the sum of the values entered in each of the cells in the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1200, 1205, 1208, 1210, 1211, 1213, 1214, 1215, 1217, 1218]

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Selected components of service' column (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other). Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[646, 653, 655, 656, 659, 661, 668, 672, 2278]

- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.
[950, 951, 953, 961, 964, 966, 968, 969, 970, 971, 974, 976, 977, 978, 980, 981, 987, 988, 989, 990, 991, 992, 995, 997, 998, 999, 1000, 1002, 1004, 1005, 1006, 1061]
- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.
[945, 946, 947, 948, 949, 982, 983, 985, 986]
- For each cell: the sum of the values entered on P2s (Pages 3 & 4 and Pages 5 & 6) should be less than or equal to the value entered in the corresponding cell on P2f (Pages 3 & 4).
[1395, 1399, 1401, 1404, 1411, 1413, 1416, 1420, 1422, 1424, 1430, 1432, 1434, 1437, 1441, 1458, 1459, 1461, 1462, 1463, 1464, 1465, 1467, 1468, 1469, 1471, 1472, 1473, 1474, 1476, 1477, 1481, 1483, 1486, 1488, 1491, 1493, 1495, 1496, 1497, 1498, 1500, 1505, 1506, 1507, 1508, 1509, 1510, 1515, 1516, 1519, 1520, 1528, 1530, 1530, 1533, 1535, 1536, 1537, 1538, 1541, 1542, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1577, 1578, 1581, 1582, 1584, 1587, 1705, 1838, 1840]
- The value entered in the cell in the 'Total of clients' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.
[7016]
- The value entered in the cell for the 'Total of above' row in the 'Professional support' column should not fall below a fixed value (10th percentile of previous year's responses) or above a fixed value (90th percentile of previous year's responses) per 1000 population.
[7068]
- Comparison of the 'Components of service' values in P2s as a percentage of those in P2f, where the value matches almost exactly (99% and above) between P2f and P2s for:
 - Home Care [7043]
 - Day Care [7044]
 - Meals [7045]
 - Short term residential not respite [7046]
 - Other [7058]
 Or the value matches almost exactly (90% and above) between P2f and P2s for:
 - Direct payments [7055]
 - Professional support [7056]
 - Equipment and adaptations [7057]
- The value entered in the cell in the 'Direct payments' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.
[7048]

P2s (Pages 5 & 6)

- For each row: the value entered in the cell in the 'Total of clients' column does not need to equal the sum of the values entered in the cells for the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) for that row as double counting of clients across 'Selected components of service' columns is possible. However, any value entered in a cell in the 'Selected components of service' column should be less than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[774, 782, 784, 790, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 820, 821, 822, 823, 825, 826, 827, 828, 830, 831, 852, 854, 855, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 878, 879, 880, 881, 882, 883, 885, 886, 887, 888, 890, 891, 892, 893, 895, 896, 897, 898, 900, 901, 902, 903, 905, 906, 1831]

- For each row: the sum of the values entered in each of the cells in the 'Selected components of service' columns (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other) should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1219, 1220, 1221, 1222, 1223, 1225, 1226, 1228, 1229, 1230]

- For each of the cells in the 'Total of above' row: any value entered must equal the sum of the values entered in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning Disability, Substance misuse) in that 'Selected components of service' column (i.e. Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other). Please note that if you do not provide a breakdown by Primary client type (i.e. only enter values in the 'Total of above' row cells) the entries will be returns as having violated the rules of this validation check.

[832, 833, 834, 845, 846, 847, 848, 850, 851]

- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): the value entered for any cell in the client type subset rows (i.e. Physical disability, frailty and/or temporary illness, Hearing impairment, Visual impairment, Dual sensory loss) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment) in that column.

[914, 915, 916, 917, 918, 919, 920, 922, 933, 934, 935, 936, 937, 939, 943, 944, 1013, 1015, 1019, 1021, 1024, 1026, 1029, 1030, 1031, 1033, 1037, 1039, 1042, 1045, 1050, 1051]

- For each 'Selected components of service' column (i.e. Total of clients, Home Care, Day Care, Meals, Short term residential not respite, Direct payments, Professional support, Equipment & Adaptations, Other): any value entered for the cell in the client type subset rows (i.e. Dementia) should be less than or equal to the value entered in the cell for the 'Primary client type' row (i.e. Mental Health) in that column.

[1007, 1008, 1009, 1010, 1011, 1052, 1053, 1055, 1056]

- For each cell: the sum of the values entered on P2s (Pages 3 & 4 and Pages 5 & 6) should be less than or equal to the value entered in the corresponding cell on P2f (Pages 3 & 4).

[1395, 1399, 1401, 1404, 1411, 1413, 1416, 1420, 1422, 1424, 1430, 1432, 1434, 1437, 1441, 1458, 1459, 1461, 1462, 1463, 1464, 1465, 1467, 1468, 1469, 1471, 1472, 1473, 1474, 1476, 1477, 1481, 1483, 1486, 1488, 1491, 1493, 1495, 1496, 1497, 1498, 1500, 1505, 1506, 1507, 1508, 1509, 1510, 1515, 1516, 1519, 1520, 1528, 1530, 1530, 1533, 1535, 1536, 1537, 1538, 1541, 1542, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1577, 1578, 1581, 1582, 1584, 1587, 1705, 1838, 1840]

- The value entered in the cell in the 'Total of clients' column, 'Total of above' row should be within 20% of the corresponding value from the previous year.

[7017]

- The value entered in the cell for the 'Total of above' row in the 'Professional support' column should not fall below a fixed value (10th percentile of previous year's responses) or above a fixed value (90th percentile of previous year's responses) per 1000 population.

[7069]

- Comparison of the 'Components of service' values in P2s as a percentage of those in P2f, where the value matches almost exactly (99% and above) between P2f and P2s for:

- Home Care [7043]
- Day Care [7044]
- Meals [7045]
- Short term residential not respite [7046]
- Other [7058]

Or the value matches almost exactly (90% and above) between P2f and P2s for:

- Direct payments [7055]
- Professional support [7056]
- Equipment and adaptations [7057]

P2s (Page 7)

- The sum of the values entered in the cells 'Aged 75-84' and 'Aged 85 and over' under the heading 'Total number of clients receiving Direct payments' should be equal to the value entered in the cell in the 'Total of above' row, 'Direct payments' column on P2s (Page 6).

[1854]

- The value entered in the cell in the 'Total 18-64' row for the 'Total number of clients planned to receive services via a personal budget' column should equal the sum of the values entered in the cells in the 'Client group' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning disability, Substance misuse) for that column.

[2167]

- The value entered in the cell in the 'Total 18-64' row for the 'Total number of clients planned to receive a direct payment as part of a personal budget' column should equal the sum of the values entered in the cells in the 'Client group' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning disability, Substance misuse) for that column.

[2170]

- The value entered in the cell in the 'Total 65 and over' row for the 'Total number of clients planned to receive services via a personal budget' column should equal the sum of the values entered in the cells in the 'Client group' rows (i.e. 65-74, 75-84, 85 and over) for that column.

[2171]

- The value entered in the cell in the 'Total 65 and over' row for the 'Total number of clients planned to receive a direct payment as part of a personal budget' column should equal the sum of the values entered in the cells in the 'Client group' rows (i.e. 65-74, 75-84, 85 and over) for that column.

[2172]

- The values entered in the cells for 'Total number of clients receiving Direct payments' for both the 'Aged 75-84' and 'Aged 85 and over' age groups should be within 20% of the corresponding values from the previous year.

[7049, 7050]

P4f (Page 1) & P4m (Page 1)

- The sum of the values entered in all cells in the 'Total of all clients' columns on P4f (Page 1) and P4m (Page 1) should equal the value entered in the cell in the 'Total of above' row, 'Total of clients' column on P1 (Page 1).

[2309]

- The sum of the values entered in all cells in the 'Community-based services in own home' columns on P4f (Page 1) and P4m (Page 1) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Community based service in own home' column in P1 (Page 1).

[1896]

- The sum of the values entered in all cells in the 'Residential care' columns on P4f (Page 1) and P4m (Page 1) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Residential care' column in P1 (Page 1).

[1898]

- The sum of the values entered in all cells in the 'Nursing care' columns on P4f (Page 1) and P4m (Page 1) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Nursing care' column in P1 (Page 1).

[1902]

- For each row: the sum of the values entered in the cells in the 'Service type' columns (i.e. Community based services in own home, Residential care, Nursing care) do not have to equal the value entered in the cell in the 'Total of clients' column for that row as there could be double counting across 'Service type' columns. However, any value entered in a cell in the 'Service type' columns should be less than or equal to the value entered in the cell in the 'Total of all clients' column for that row.

[1938, 1939, 1941, 1942, 1943, 1945, 1946, 1947, 1949, 1950, 1951, 1953, 1954, 1955, 1957, 1958, 1959, 1961, 1962, 1963, 1965, 1966, 1967, 1969, 1970, 1971, 1973, 1974, 1975, 1977, 1978, 1979, 1981, 1982, 1983, 1985, 1986, 1987, 1989, 1990, 1991, 1993, 1994, 1995, 1997, 1998, 1999, 2001, 2002, 2003, 2005, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275]

- For each row: the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090]

P4f (Page 2) & P4m (Page 2)

- The sum of all the values entered in the cells on P4f (Pages 1 and 2) and P4m (Pages 1 and 2) should be equal to the value entered in the 'Total number of adult clients... receiving services' cell on P1 (Page 1).

[1895]

- The sum of the values entered in all cells in the 'Total of all clients' columns on P4f (Page 2) and P4m (Page 2) should equal the value entered in the cell in the 'Total of above' row, 'Total of clients' column on P1 (Page 2).

[2310]

- The sum of the values entered in all cells in the 'Community-based services in own home' columns on P4f (Page 2) and P4m (Page 2) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Community based service in own home' column in P1 (Page 2).

[1897]

- The sum of the values entered in all cells in the 'Residential care' columns on P4f (Page 2) and P4m (Page 2) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Residential care' column in P1 (Page 2).

[1899]

- The sum of the values entered in all cells in the 'Nursing care' columns on P4f (Page 2) and P4m (Page 2) should equal the sum of the values entered in the cells in the 'Total of above' row for the 'Nursing care' column in P1 (Page 2).

[1901]

- For each row: the sum of the values entered in the cells in the 'Service type' columns (i.e. Community based services in own home, Residential care, Nursing care) do not have to equal the value entered in the cell in the 'Total of clients' column for that row as there could be double counting across 'Service type' columns. However, any value entered in a cell in the 'Service type' columns should be less than or equal to the value entered in the cell in the 'Total of all clients' column for that row.

[2006, 2007, 2009, 2010, 2011, 2013, 2014, 2015, 2017, 2018, 2019, 2021, 2022, 2023, 2025, 2026, 2027, 2029, 2030, 2031, 2033, 2034, 2035, 2037, 2038, 2039, 2041, 2042, 2043, 2045, 2046, 2047, 2049, 2050, 2051, 2053, 2054, 2055, 2057, 2058, 2059, 2061, 2062, 2063, 2065, 2066, 2067, 2069, 2070, 2071, 2073, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223]

- For each row: the sum of the values entered in the 'Service type' (i.e. Community-based services in own home, Residential care, Nursing care) column cells should be greater than or equal to the value entered in the cell in the 'Total of clients' column for that row.

[1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107]

P4f (Page 3) & P4m (Page 3)

- For each 'Primary client type' column (i.e. Physical disability, frailty and sensory impairment, Learning disability, Mental Health, Substance misuse, Vulnerable people): the sum the values entered in each cell for rows on P4f (Page 3) plus P4m (Page 3) should equal the value entered in the cell in the 'Total of clients' column in the corresponding 'Primary client type' row on P1 (Page 1).

[2111, 2113, 2115, 2117, 2119]

- For each 'Ethnic group' row: the sum of the values entered in the cells on P4f (Page 3) and P4m (Page 3) in the 'Primary client type' columns (i.e. Physical disability, frailty and sensory impairment, Learning disability, Mental Health, Substance misuse, Vulnerable people) should be

equal to the sum of the values entered in the 'Total of all clients' column cells on P4f (Page 1) and P4m (Page 1), for the corresponding 'Ethnic group' row.

[2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137]

P4f (Page 4) & P4m (Page 4)

- For each 'Primary client type' column (i.e. Physical disability, frailty and sensory impairment, Learning disability, Mental Health, Substance misuse, Vulnerable people): the sum the values entered in each cell for rows on P4f (Page 4) plus P4m (Page 4) should equal the value entered in the cell in the 'Total of clients' column in the corresponding 'Primary client type' row on P1 (Page 2).
[2112, 2114, 2116, 2118, 2120]
- For each 'Ethnic group' row: the sum of the values entered in the cells on P4f (Page 4) and P4m (Page 4) in the 'Primary client type' columns (i.e. Physical disability, frailty and sensory impairment, Learning disability, Mental Health, Substance misuse, Vulnerable people) should be equal to the sum of the values entered in the 'Total of all clients' column cells on P4f (Page 2) and P4m (Page 2), for the corresponding 'Ethnic group' row.
[2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154]
- The sum of the values entered in all of the cells in P4f (Page 3 plus Page 4) plus P4m (Page 3 plus Page 4) should be equal to the value entered in the 'Total number of adult clients... receiving services' cell on P1 (Page 1).
[2108]

C1 (Page 1)

- For each column in the 'All ages' row: the value entered in each cell should be equal to the sum of the values entered in each of the cells for that column.
[1841, 1842, 1843]
- For each column, the values entered in the cells in the 'All ages' row should be within 20% of the corresponding values from the previous year.
[7020, 7021, 7022]

C1 (Page 2)

- For each column in the 'Total' row for the age groups 'Aged 18-64' and 'Aged 65 and over': the value entered in each cell should equal the sum of the values entered in each of the cells in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable People, Learning disability, Substance misuse) for that column and age group.
[1865, 1866, 1867, 1868, 1869, 1870]
- For each column (i.e. Number of carers assessed or reviewed separately, Number of carers assessed or reviewed jointly with the client, Number of cares declining an assessment): the sum of the values entered in the cells for the 'Total' row for both the 'Aged 18-64' and 'Aged 65 and over' age groups should equal the value entered in the cell in the 'All ages' row on C1 (Page 1) for the corresponding column.
[1875, 1876, 1877]

- For each column, and for both age groups ('Age 18-64' and 'Age 65 and over') the values entered in the cells in the 'Total' rows should be within 20% of the corresponding values from the previous year.

[7027, 7028, 7029, 7030, 7031, 7032]

C2 (Page 1)

- For each column in the 'All ages' row: the value entered in each cell should be equal to the sum of the values entered in each of the cells for that column.

[1844, 1845]

- For each 'Age group of carer' row (i.e. Under 18, 18-64, 65-74, 75 and over, All ages): the sum of the values entered in the cells in the two columns (i.e. Services including respite for the carer and/or other carers' specific services and Information and advice only) should be less than or equal to the sum of the values entered in the cells in the first two columns (i.e. Number of carers assessed or reviewed separately and Number of carers assessed or reviewed jointly with the client) for the corresponding 'Age group of carer' row on C1 (Page 1).

[1846, 1847, 1848, 1849, 1864]

- For each column, the values entered in the cells in the 'All ages' row should be within 20% of the corresponding values from the previous year.

[7023, 7024]

C2 (Page 2)

- For each column in the 'Total' row for the age groups 'Aged 18-64' and 'Aged 65 and over': the value entered in each cell should equal the sum of the values entered in each of the cells in the 'Primary client type' rows (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable People, Learning disability, Substance misuse) for that column and age group.

[1871, 1872, 1873, 1874]

- For each column (i.e. Services including respite for the carer and/or other specific carers' service and Information and advice only): the sum of the values entered in the cells for the 'Total' row for both the 'Aged 18-64' and 'Aged 65 and over' age groups should equal the value entered in the cell in the 'All ages' row on C2 (Page 1) for the corresponding column.

[1878, 1879]

- For each 'Primary client type' row (i.e. Physical disability, frailty and sensory impairment, Mental Health, Vulnerable people, Learning disability, substance misuse, Total) in both the 'Age 18-64' and 'Age 65 and over' groups: the sum of the values entered in the cells in the two columns (i.e. Services including respite for the carer and/or other carers' specific services and Information and advice only) should be less than or equal to the sum of the values entered in the cells in the first two columns (i.e. Number of carers assessed or reviewed separately and Number of carers assessed or reviewed jointly with the client) for the corresponding 'Primary client type' row on C1 (Page 2).

[1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891]

- For each column and for both age groups 'Age 18-64' and 'Age 65 and over' the values entered in the cells in the 'Total' rows should be within 20% of the corresponding values from the previous year.

[7033, 7034, 7035, 7036]

Data quality checks carried out by the Adult Social Care section

- **A7 (Page 1):** for both age groups '18-64' and '65 and over' the total number of clients with completed assessments should be less than the total number of clients with completed assessments on the A6 pages.
- **A7 (Page 1):** for 'All new clients 65 and over' the percentage distribution of the 'Time band' will be examined against the previous year's data and to identify CASSRs with a very high/low percentage of new clients in each Time band.
- **A7 (Page 1):** for 'All new clients 18-64' the sum of the values entered in the cells in the 'Time band' rows should be within 20% of the corresponding value from the previous year (if available).
- **A8 (Page 1):** for 'All new clients 65 and over' the percentage distribution of the 'Time band' will be examined against the previous year's data and to identify CASSRs with a very high/low percentage of new clients in each Time band.
- **A8 (Page 1):** the total of all clients 'aged 18-64' and '65 and over' recorded as having received their services will be compared with the total number of new clients 'aged 18-64' and '65 and over' with completed assessments and new services (A6 pages). The number of clients receiving services should be less than those assessed.
- **A8 (Page 1):** for 'All new clients 18-64' the sum of the values entered in the cells in the 'Time band' rows should be within 20% of the corresponding value from the previous year's data (if available).
- **P1 (Page 1):** the total number of clients receiving services will be compared against the number of new clients with assessments during the period (A6 pages). Attention will be directed towards investigating cases where CASSRs have indicated a high/low distribution of new clients receiving services.
- **P2f:** The number of clients receiving direct payments will be compared against the figures from the previous year. The values are expected to have increased by a least 10%.
- **P2s:** The total number of clients receiving 'Homecare services will be compared with the total number of clients receiving homecare services in the H1 table. The figures should be within 20% of each other.
- **P2s:** The total number of clients receiving 'Homecare' services will be compared with the latest data from the HH1 collection. We would not expect to find the difference between the two figures to be greater than 20%.
- **A1:** The number of clients in each primary client type receiving a review will be examined as a percentage of the number of clients in that primary client type receiving services (P1). This should not exceed 100%.
- **C2:** For each primary client type, we will calculate the rate of carers receiving services per client receiving services. We would not expect to see more carers than clients receiving services in any client group.

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