

Nationwide Data Collection

Dublin City Council Cordon Counts

Presentation 2017



Introduction / Survey Details.

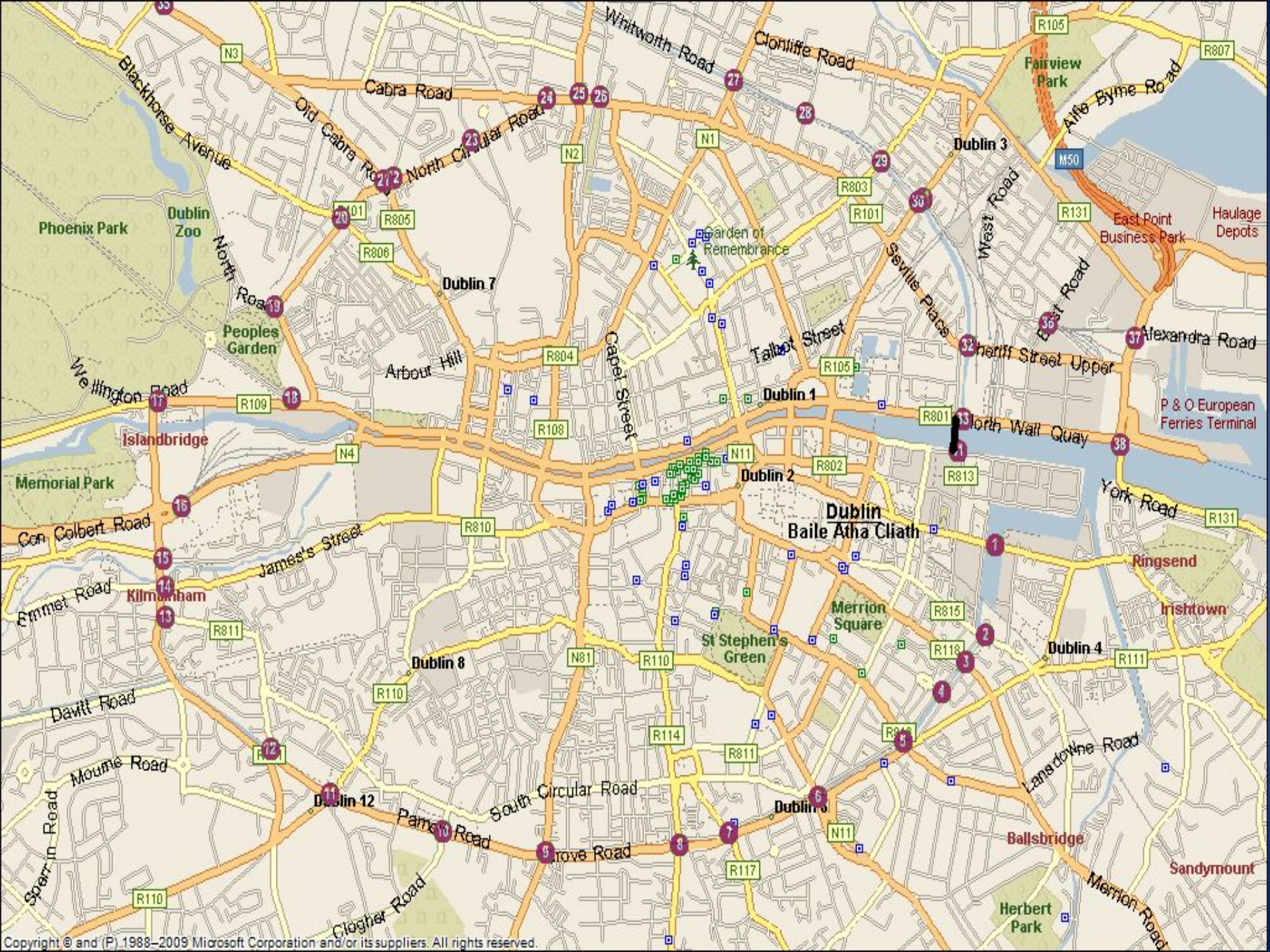


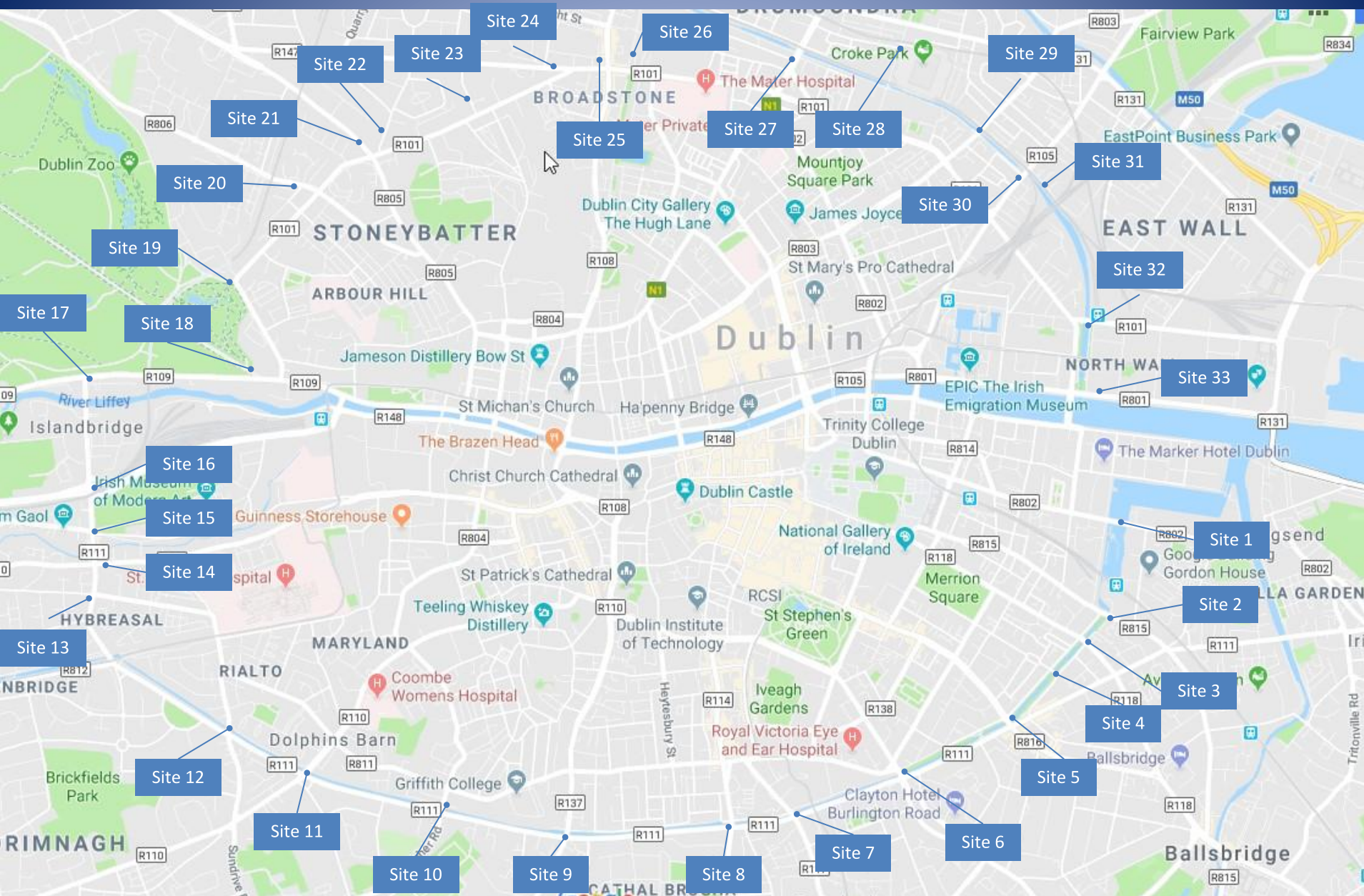
Dublin City Council Cordon Counts 2017

- 33 Survey Locations.
- Two survey days with surveys undertaken between 07:00 – 19:00 on each day.
- Survey Dates:
 - Tuesday 7th November and Wednesday 8th November 2017.
 - Thursday 9th November and Tuesday 14th November 2017.
 - Wednesday 15th November and Thursday 16th November 2017.
 - Tuesday 21st November and Wednesday 22nd November 2017.
- Bi-directional Link Counts and Pedestrian Counts undertaken at each site.
- Vehicle Occupancy Counts (Cars and Taxis Only).
 - Inbound (07:00 to 10:00).
 - Outbound (16:00 to 19:00).

Contents

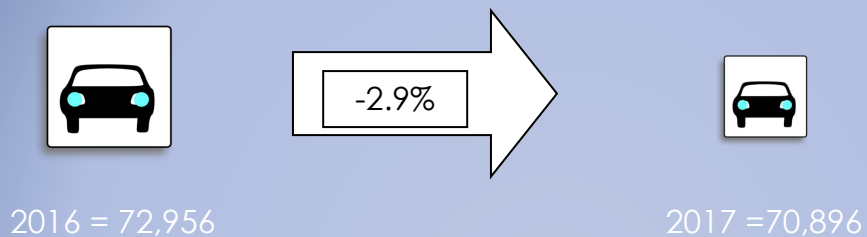
- Survey Maps
- 2016 v 2017 Comparisons
- 2017 Results Summary – AM Peak Inbound
- Percentage of Pedestrians and Cyclists
- 2017 Results Summary – 12 Hours Inbound
- Results over the years – 1997 – 2017
- Vehicle Occupancy Counts
- Observations/Comments/Site notes





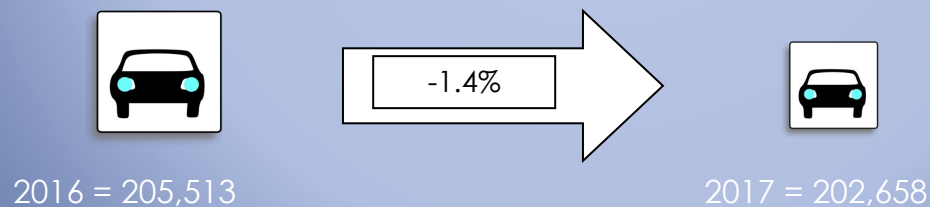
2016 v 2017 Comparison

AM Peak – Inbound – 07:00 to 10:00



2016 v 2017 Comparison

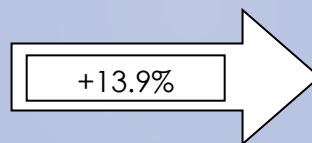
12 hour – Inbound – 07:00 to 19:00



2016 v 2017 Comparison

Pedestrians

AM Peak – Inbound – 07:00 to 10:00



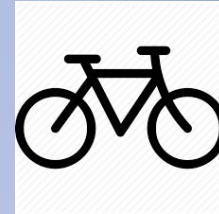
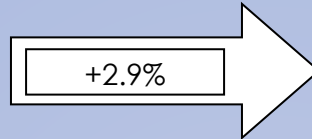
2016 = 21,473

2017 = 24,936

2016 v 2017 Comparison

Pedal Cyclists

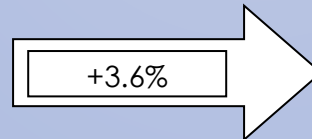
AM Peak – Inbound – 07:00 to 10:00



2016 = 12,089

2017 = 12,447

12 hour – Inbound – 07:00 to 19:00

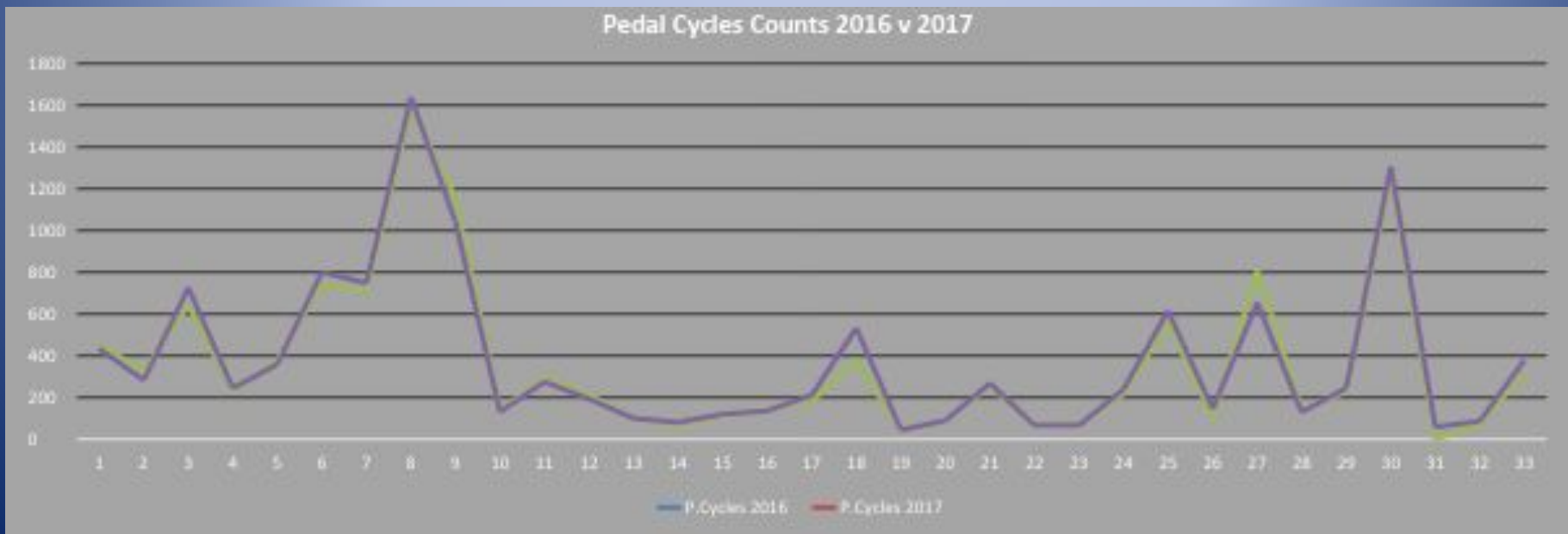
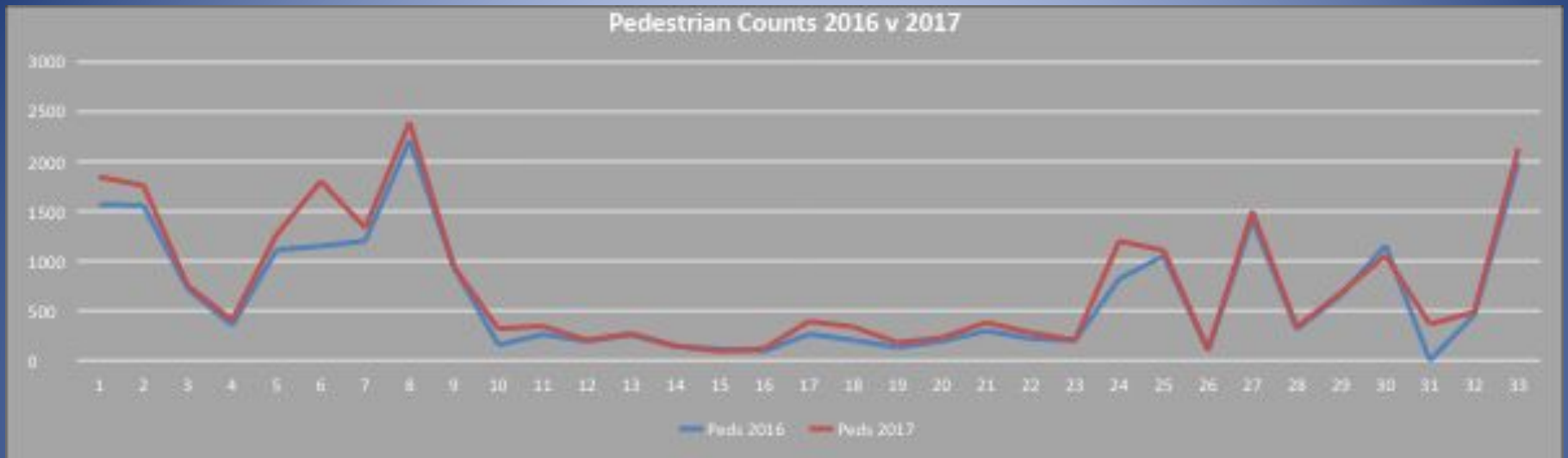


2016 = 21,552

2017 = 22,361

2017 – Results Summary

AM Peak – Inbound – 07:00 to 10:00



Car/LGV Counts 2016 v 2017



Dublin Bus Counts 2016 v 2017



2017 – Results Summary

AM Peak – Inbound – 07:00 to 10:00

Overall = 70,896 vehicles (2016 = 72,956)

High 5 – Total Vehicles

Site 27 – Drumcondra Road = 6,215 (-1.5%)
Site 6 – Leeson Street Bridge = 4,670 (-7.6%)
Site 30 – Newcomen Bridge = 4,478 (-2.4%)
Site 16 – St John's Road West = 3,509 (-2.9%)
Site 9 – Harold's Cross Bridge = 3,305 (-7.3%)

Low 5 – Total Vehicles

Site 26 – Royal Canal Bank = 180 (+11.1%)
Site 31 – Ossory Road = 376 (100%) – Road closed in 2016
Site 4 – Huband Bridge = 548 (-10.3%)
Site 23 – Chareville Road = 735 (-12.4%)
Site 15 – Kilmainham Lane = 761 (-15.6%)

Text in red = % Different between 2016 via 2017

Top 3 Cyclists Locations

Site 8 – Rathmines Road = 1637 (+3.3%)
Site 30 – Newcomen Bridge = 1304 (+3.5%)
Site 9 – Harold's Cross Bridge = 1040 (-11.4%)

Top 3 Pedestrian Locations

Site 8 – Rathmines Road = 2393 (+7.6%)
Site 33 – North Wall Quay = 2132 (+6.6%)
Site 1 – Ringsend Road = 1845 (1.5%)

Top 3 Dublin Bus Locations

Site 30 – Newcomen Bridge = 139 (0%)
Site 6 – Leeson Street Bridge = 136 (+14.7%)
Site 27 – Drumcondra Road = 110 (-2.7%)

Top 3 Other Bus Locations

Site 33 – North Wall Quay = 96 (+6.3%)
Site 16 – St John's Road West = 86 (-2.3%)
Site 27 – Drumcondra Road = 57 (+5.3%)

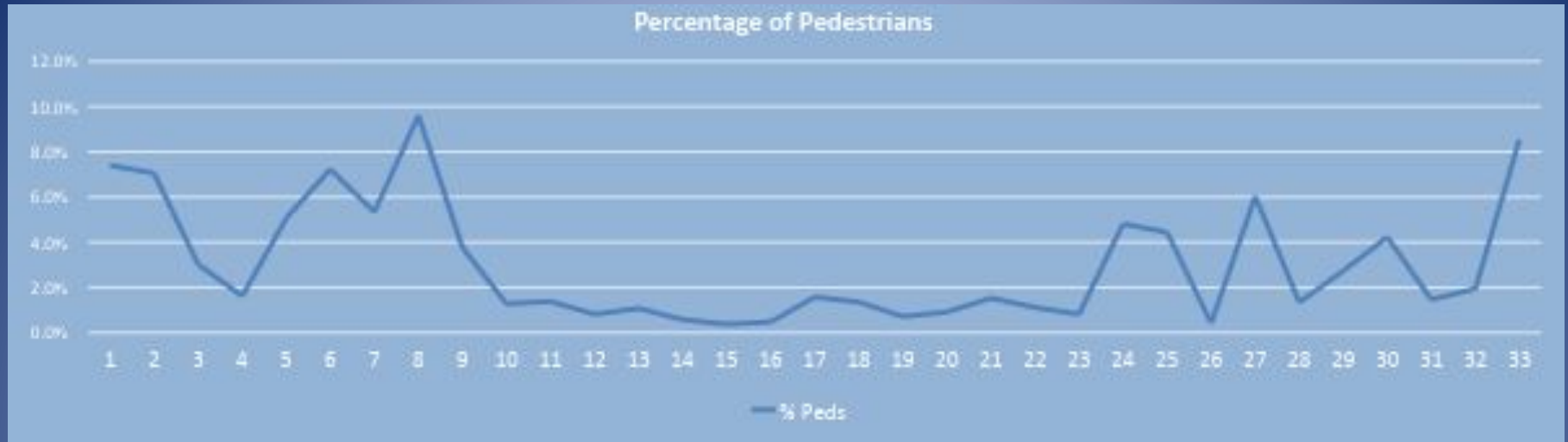
Top 3 Car/LGV Locations

Site 27 – Drumcondra Road = 4615 (+0.4%)
Site 6 – Leeson Street Bridge = 3562 (+9.3%)
Site 29 – Clarke's Bridge = 3170 (+10.2%)

AM Peak – Inbound – 07:00 to 10:00

| Site No. | Location | Peds 2016 | Peds 2017 | P.Cycles 2016 | P.Cycles 2017 | M.Cycles 2016 | M.Cycles 2017 | Car/Lgv 2016 | Car/Lgv 2017 | Taxi's 2016 | Taxi's 2017 | HGV's 2016 | HGV's 2017 | Dub Bus 2016 | Dub Bus 2017 | Other Bus 2016 | Other Bus 2017 | Total 2016 | Total 2017 |
|----------|---------------------------------------------|--------------|--------------|------------------|------------------|------------------|------------------|-----------------|-----------------|----------------|----------------|---------------|---------------|--------------------|--------------------|----------------------|----------------------|---------------|---------------|
| 1 | Ringsend Road (McMahon Bridge) | 1568 | 1845 | 453 | 434 | 31 | 28 | 1727 | 1663 | 284 | 220 | 56 | 72 | 67 | 67 | 3 | 1 | 4188 | 4330 |
| 2 | Grand Canal Street Bridge | 1559 | 1758 | 328 | 283 | 40 | 34 | 1051 | 903 | 122 | 124 | 24 | 23 | 1 | 0 | 2 | 2 | 3125 | 3127 |
| 3 | Mount Street Bridge | 718 | 752 | 647 | 727 | 60 | 79 | 1629 | 1793 | 212 | 161 | 25 | 27 | 37 | 43 | 7 | 10 | 3333 | 3592 |
| 4 | Huband Bridge | 351 | 405 | 226 | 244 | 20 | 20 | 321 | 261 | 38 | 20 | 3 | 3 | 0 | 0 | 0 | 0 | 958 | 953 |
| 5 | Baggot Street Bridge | 1110 | 1263 | 381 | 360 | 51 | 48 | 1584 | 1495 | 121 | 158 | 26 | 22 | 54 | 52 | 4 | 5 | 3330 | 3403 |
| 6 | Leeson Street Bridge | 1149 | 1802 | 744 | 801 | 175 | 166 | 3562 | 3230 | 339 | 268 | 38 | 26 | 116 | 136 | 51 | 43 | 6173 | 6472 |
| 7 | Charlemont Street Bridge | 1201 | 1331 | 713 | 748 | 34 | 32 | 1076 | 989 | 88 | 74 | 17 | 15 | 7 | 6 | 1 | 1 | 3135 | 3196 |
| 8 | Rathmines Road (Portebello Bridge) | 2210 | 2393 | 1583 | 1637 | 49 | 57 | 1367 | 1325 | 190 | 105 | 18 | 25 | 92 | 96 | 1 | 2 | 5509 | 5640 |
| 9 | Harold's Cross Bridge | 940 | 941 | 1159 | 1040 | 120 | 111 | 2101 | 1949 | 156 | 129 | 22 | 28 | 52 | 47 | 3 | 1 | 4552 | 4246 |
| 10 | Sally's Bridge | 155 | 318 | 141 | 131 | 19 | 25 | 1490 | 1403 | 63 | 57 | 18 | 16 | 12 | 11 | 1 | 0 | 1898 | 1961 |
| 11 | Dolphin's Barn Bridge | 261 | 344 | 292 | 275 | 45 | 38 | 2456 | 2333 | 210 | 206 | 115 | 104 | 50 | 51 | 10 | 9 | 3437 | 3360 |
| 12 | Herbeton Bridge | 192 | 203 | 214 | 193 | 19 | 16 | 2017 | 1913 | 94 | 94 | 37 | 31 | 17 | 15 | 3 | 2 | 2592 | 2467 |
| 13 | South Circular Road at St Patrick's Home | 258 | 267 | 97 | 100 | 29 | 22 | 1616 | 1488 | 72 | 64 | 36 | 40 | 22 | 21 | 2 | 0 | 2130 | 2002 |
| 14 | Old Kilmainham | 142 | 144 | 66 | 81 | 29 | 33 | 1363 | 1593 | 60 | 54 | 44 | 44 | 33 | 31 | 1 | 3 | 1736 | 1983 |
| 15 | Kilmainham Lane | 112 | 92 | 113 | 120 | 16 | 14 | 723 | 613 | 25 | 10 | 4 | 4 | 0 | 0 | 0 | 0 | 992 | 853 |
| 16 | St John's Road West | 93 | 118 | 147 | 136 | 114 | 129 | 2525 | 2605 | 427 | 391 | 66 | 57 | 105 | 105 | 88 | 86 | 3564 | 3627 |
| 17 | Conyngham Road | 264 | 393 | 180 | 212 | 20 | 20 | 2217 | 2284 | 54 | 45 | 57 | 68 | 40 | 39 | 3 | 8 | 2834 | 3069 |
| 18 | Phoenix Park (Main Road) | 205 | 337 | 384 | 532 | 73 | 72 | 1017 | 981 | 49 | 43 | 3 | 6 | 1 | 1 | 2 | 2 | 1733 | 1974 |
| 19 | Phoenix Park (Back Road) | 130 | 178 | 42 | 44 | 1 | 3 | 1477 | 1326 | 14 | 8 | 8 | 3 | 0 | 0 | 1 | 0 | 1673 | 1562 |
| 20 | Blackhorse Avenue | 192 | 227 | 90 | 90 | 8 | 9 | 1393 | 1493 | 54 | 44 | 22 | 15 | 16 | 17 | 1 | 0 | 1775 | 1895 |
| 21 | Old Cabra Road | 297 | 381 | 257 | 268 | 42 | 44 | 1600 | 1473 | 150 | 121 | 54 | 38 | 52 | 54 | 2 | 5 | 2453 | 2384 |
| 22 | Annamoe Road | 220 | 278 | 66 | 67 | 7 | 9 | 580 | 679 | 41 | 39 | 11 | 7 | 0 | 0 | 0 | 1 | 923 | 1080 |
| 23 | Chareville Road | 199 | 202 | 70 | 67 | 8 | 11 | 697 | 625 | 41 | 28 | 10 | 4 | 0 | 0 | 1 | 0 | 1025 | 937 |
| 24 | Cabra Road | 820 | 1200 | 216 | 239 | 45 | 50 | 1531 | 1313 | 101 | 73 | 22 | 18 | 45 | 56 | 32 | 10 | 2811 | 2959 |
| 25 | Phibsborough Road | 1049 | 1107 | 560 | 614 | 63 | 72 | 2114 | 2081 | 276 | 225 | 66 | 47 | 68 | 85 | 27 | 13 | 4222 | 4244 |
| 26 | Royal Canal Bank | 102 | 106 | 101 | 146 | 1 | 1 | 57 | 31 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 262 | 286 |
| 27 | Drumcondra Road (Binn's Bridge) | 1412 | 1500 | 808 | 654 | 128 | 123 | 4633 | 4615 | 519 | 602 | 52 | 54 | 113 | 110 | 54 | 57 | 7718 | 7715 |
| 28 | Russell Street Bridge | 314 | 335 | 139 | 130 | 22 | 24 | 1073 | 884 | 64 | 65 | 14 | 12 | 1 | 0 | 1 | 0 | 1626 | 1450 |
| 29 | Clarke's Bridge | 654 | 682 | 228 | 245 | 25 | 28 | 3170 | 2827 | 73 | 48 | 34 | 32 | 14 | 18 | 2 | 1 | 4199 | 3881 |
| 30 | Newcomen Bridge | 1156 | 1053 | 1259 | 1304 | 153 | 189 | 2271 | 2297 | 735 | 514 | 24 | 29 | 139 | 139 | 7 | 6 | 5743 | 5531 |
| 31 | Ossory Road - Closed 2016 | 0 | 364 | 0 | 59 | 0 | 4 | 0 | 291 | 0 | 21 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 740 |
| 32 | Sheriff Street Lower | 455 | 485 | 74 | 87 | 10 | 13 | 985 | 892 | 40 | 25 | 58 | 47 | 19 | 16 | 22 | 14 | 1661 | 1579 |
| 33 | North Wall Quay | 1991 | 2132 | 318 | 379 | 14 | 8 | 493 | 510 | 72 | 61 | 117 | 105 | 39 | 43 | 90 | 96 | 3132 | 3334 |
| | Total | 21473 | 24936 | 12089 | 12447 | 1464 | 1532 | 51907 | 50158 | 4779 | 4098 | 1093 | 1024 | 1209 | 1259 | 416 | 378 | 94429 | 95832 |

Percentage of Pedestrians and Cyclists Per Site – AM Peak



AM Peak – Inbound – 07:00 to 10:00 - % of Pedal Cyclists and Pedestrians

| Site No. | Location | Peds 2017 | % Peds | P.Cycles 2017 | % P.Cycles |
|----------|------------------------------------------|--------------|---------------|---------------|---------------|
| 1 | Ringsend Road (McMahon Bridge) | 1845 | 7.4% | 434 | 3.5% |
| 2 | Grand Canal Street Bridge | 1758 | 7.1% | 283 | 2.3% |
| 3 | Mount Street Bridge | 752 | 3.0% | 727 | 5.8% |
| 4 | Huband Bridge | 405 | 1.6% | 244 | 2.0% |
| 5 | Baggot Street Bridge | 1263 | 5.1% | 360 | 2.9% |
| 6 | Leeson Street Bridge | 1802 | 7.2% | 801 | 6.4% |
| 7 | Charlemont Street Bridge | 1331 | 5.3% | 748 | 6.0% |
| 8 | Rathmines Road (Portebello Bridge) | 2393 | 9.6% | 1637 | 13.2% |
| 9 | Harold's Cross Bridge | 941 | 3.8% | 1040 | 8.4% |
| 10 | Sally's Bridge | 318 | 1.3% | 131 | 1.1% |
| 11 | Dolphin's Barn Bridge | 344 | 1.4% | 275 | 2.2% |
| 12 | Herbeton Bridge | 203 | 0.8% | 193 | 1.6% |
| 13 | South Circular Road at St Patrick's Home | 267 | 1.1% | 100 | 0.8% |
| 14 | Old Kilmainham | 144 | 0.6% | 81 | 0.7% |
| 15 | Kilmainham Lane | 92 | 0.4% | 120 | 1.0% |
| 16 | St John's Road West | 118 | 0.5% | 136 | 1.1% |
| 17 | Conyngham Road | 393 | 1.6% | 212 | 1.7% |
| 18 | Phoenix Park (Main Road) | 337 | 1.4% | 532 | 4.3% |
| 19 | Phoenix Park (Back Road) | 178 | 0.7% | 44 | 0.4% |
| 20 | Blackhorse Avenue | 227 | 0.9% | 90 | 0.7% |
| 21 | Old Cabra Road | 381 | 1.5% | 268 | 2.2% |
| 22 | Annamoe Road | 278 | 1.1% | 67 | 0.5% |
| 23 | Chareville Road | 202 | 0.8% | 67 | 0.5% |
| 24 | Cabra Road | 1200 | 4.8% | 239 | 1.9% |
| 25 | Phibsborough Road | 1107 | 4.4% | 614 | 4.9% |
| 26 | Royal Canal Bank | 106 | 0.4% | 146 | 1.2% |
| 27 | Drumcondra Road (Binn's Bridge) | 1500 | 6.0% | 654 | 5.3% |
| 28 | Russell Street Bridge | 335 | 1.3% | 130 | 1.0% |
| 29 | Clarke's Bridge | 682 | 2.7% | 245 | 2.0% |
| 30 | Newcomen Bridge | 1053 | 4.2% | 1304 | 10.5% |
| 31 | Ossory Road | 364 | 1.5% | 59 | 0.5% |
| 32 | Sheriff Street Lower | 485 | 1.9% | 87 | 0.7% |
| 33 | North Wall Quay | 2132 | 8.5% | 379 | 3.0% |
| | Total | 24936 | 100.0% | 12447 | 100.0% |

Case Study – AM Peak

Site 27 – Drumcondra Road

21/11/17
11:08:20

Pedestrians

2016 = 1412

2017 = 1500

Up 6%

Pedal Cyclists

2016 = 808

2017 = 654

Down 19%

Dublin Bus

2016 = 113

2017 = 110

Down 3%

Other Bus

2016 = 54

2017 = 57

Up 6%

Inbound

2016

6306 – Vehicles

2017

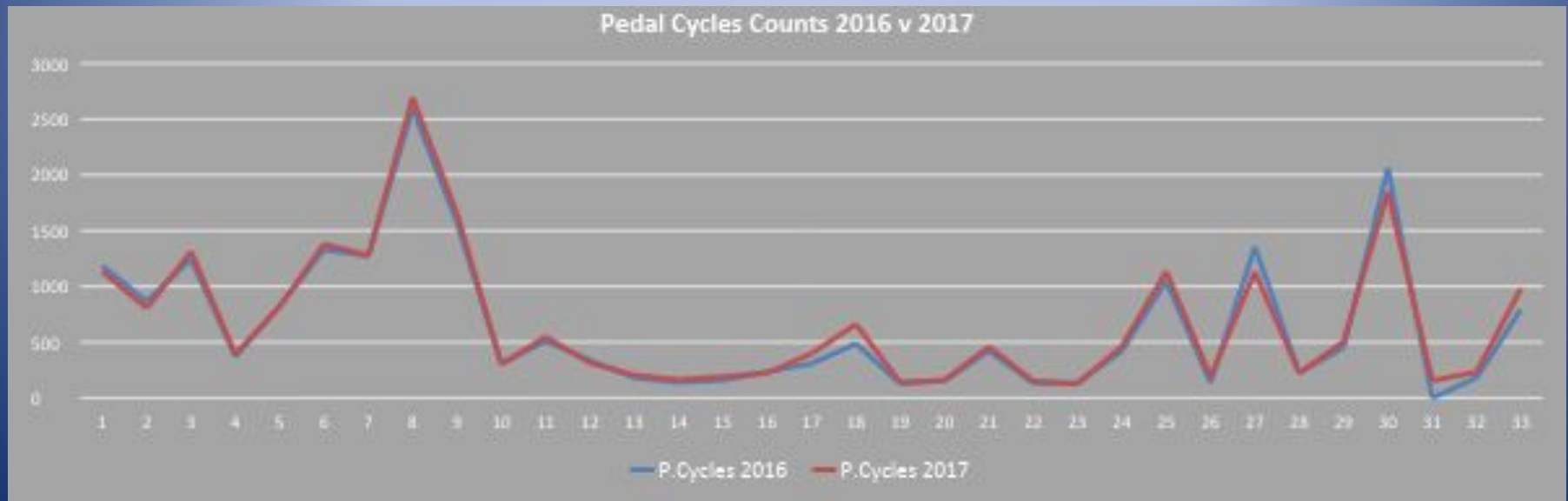
6215 – Vehicles

Down -1.5%

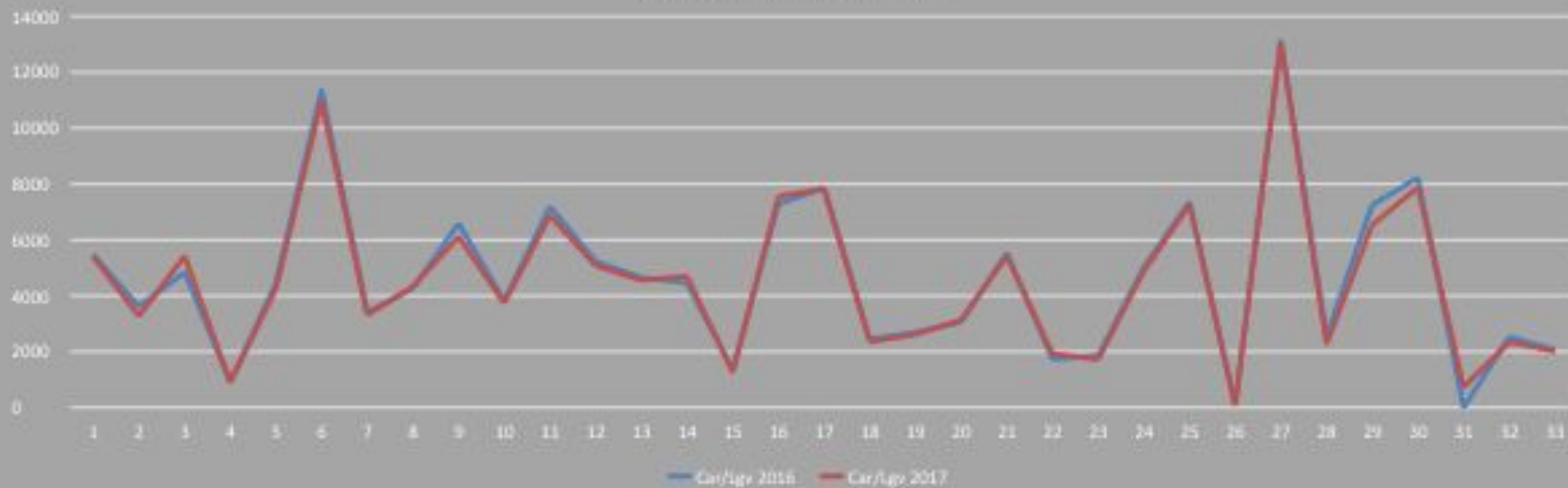


2017 – Results Summary

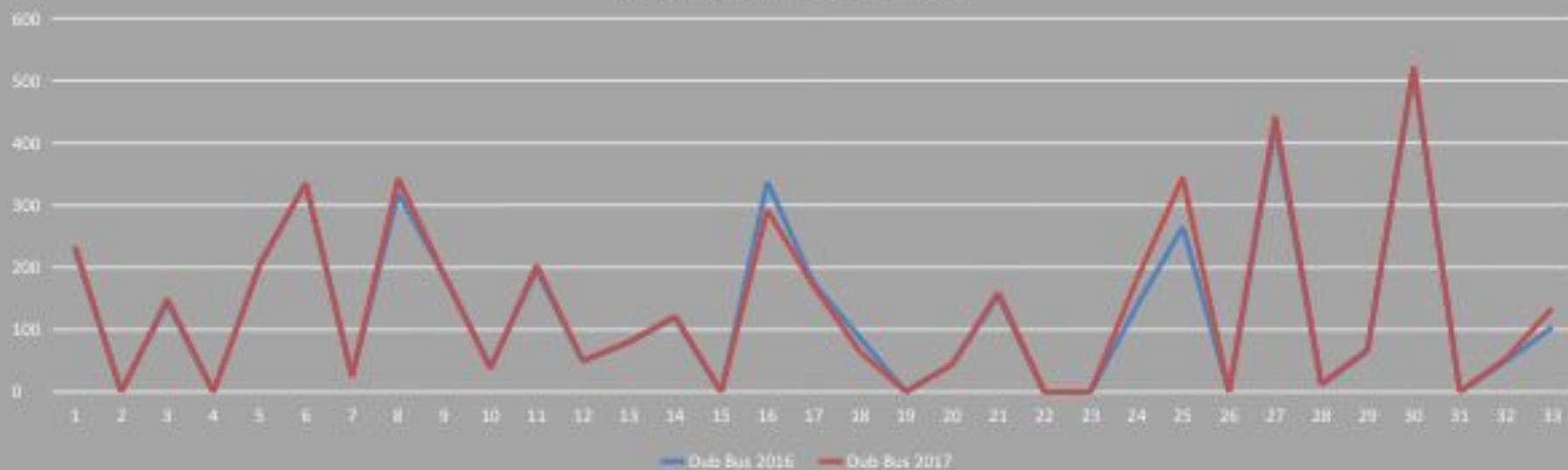
AM Peak – Inbound – 07:00 to 19:00



Car/LGV Counts 2016 v 2017



Dublin Bus Counts 2016 v 2017



2017 – Results Summary

12 hours – Inbound – 07:00 to 19:00

Overall = 202,658 vehicles (2016 = 205,513)

High 5– Total Vehicles

Site 27 – Drumcondra Road = 17,905 (-0.6%)
 Site 6 – Leeson Street Bridge = 14,533 (-3.3%)
 Site 30 – Newcomen Bridge = 12,483 (-7.2%)
 Site 25 – Philbsborough Road = 10,153 (-0.9%)
 Site 16 – St John's Road West = 10,150 (+2.4%)

Low 5 – Total Vehicles

Site 26 – Royal Canal Bank = 267 (+5.2%)
 Site 31 - Ossory Road = 986 (100%) – Road closed in 2016
 Site 4 – Huband Bridge = 1,458 (-1.6%)
 Site 15 – Kilmainham Lane = 1,529 (-7.1%)
 Site 23 – Chareville Road = 1,980 (-8.9%)

Text in red = % Different between 2016 via 2017

Top 3 Cyclists Locations

Site 8 – Rathmines Road = 2,696 (+3.9%)
 Site 30 – Newcomen Bridge = 1,844 (-11.8%)
 Site 9 – Harold's Cross Bridge = 1,655 (+5.1%)

Top 3 Pedestrian Locations

Site 5 - Baggot Street Bridge = 6,114 (N/A)
 Site 8 – Rathmines Road = 5,471 (N/A)
 Site 1 - Ringsend Road = 4,707 (N/A)

Top 3 Dublin Bus Locations

Site 30 – Newcomen Bridge = 522 (+0.8%)
 Site 27 – Drumcondra Road = 443 (+4.1%)
 Site 25 - Phibsborough Road = 344 (+23%)

Top 3 Other Bus Locations

Site 33 – North Wall Quay = 304 (+7.9%)
 Site 16 – St John's Road West = 291 (+3.1%)
 Site 27 – Drumcondra Road = 226 (+7.1%)

Top 3 Car/LGV Locations

Site 27 – Drumcondra Road = 13048 (0.8%)
 Site 6 – Leeson Street Bridge = 10973 (3.6%)
 Site 30 – Newcomen Bridge = 7873 (4.3%)

12 hours – Inbound – 07:00 to 19:00

| Site No. | Location | Peds 2016 | Peds 2017 | P.Cycles 2016 | P.Cycles 2017 | M.Cycles 2016 | M.Cycles 2017 | Car/Lgv 2016 | Car/Lgv 2017 | Taxi's 2016 | Taxi's 2017 | HGV's 2016 | HGV's 2017 | Dub Bus 2016 | Dub Bus 2017 | Other Bus 2016 | Other Bus 2017 | Total 2016 | Total 2017 |
|----------|---------------------------------------------|--------------|--------------|------------------|------------------|------------------|------------------|-----------------|-----------------|----------------|----------------|---------------|---------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------|
| 1 | Ringsend Road (McMahon Bridge) | 1568 | 4707 | 1185 | 1133 | 118 | 114 | 5479 | 5398 | 1419 | 1095 | 230 | 210 | 230 | 234 | 10 | 10 | 10238 | 10039 |
| 2 | Grand Canal Street Bridge | 1559 | 4510 | 867 | 805 | 116 | 103 | 3611 | 3274 | 535 | 535 | 102 | 88 | 1 | 0 | 9 | 12 | 6800 | 6575 |
| 3 | Mount Street Bridge | 718 | 2423 | 1244 | 1312 | 158 | 195 | 4836 | 5419 | 986 | 939 | 82 | 85 | 143 | 150 | 31 | 47 | 8196 | 8899 |
| 4 | Huband Bridge | 364 | 1295 | 370 | 393 | 56 | 55 | 917 | 905 | 127 | 93 | 12 | 11 | 0 | 0 | 0 | 1 | 1845 | 1863 |
| 5 | Baggot Street Bridge | 1110 | 6114 | 824 | 820 | 156 | 166 | 4469 | 4245 | 856 | 836 | 84 | 72 | 206 | 203 | 6 | 13 | 7709 | 7618 |
| 6 | Leeson Street Bridge | 1149 | 4485 | 1329 | 1380 | 353 | 354 | 11381 | 10973 | 1287 | 1220 | 178 | 126 | 335 | 335 | 156 | 145 | 16166 | 16335 |
| 7 | Charlemont Street Bridge | 1201 | 2851 | 1274 | 1278 | 106 | 95 | 3407 | 3314 | 356 | 348 | 74 | 56 | 26 | 25 | 2 | 4 | 6444 | 6451 |
| 8 | Rathmines Road (Portebello Bridge) | 2210 | 5471 | 2592 | 2696 | 154 | 185 | 4274 | 4329 | 730 | 585 | 88 | 89 | 320 | 343 | 17 | 7 | 10384 | 10627 |
| 9 | Harold's Cross Bridge | 940 | 1992 | 1571 | 1655 | 202 | 217 | 6592 | 6114 | 574 | 635 | 129 | 104 | 187 | 187 | 10 | 8 | 10204 | 9861 |
| 10 | Sally's Bridge | 155 | 797 | 309 | 300 | 38 | 47 | 3820 | 3736 | 207 | 229 | 94 | 83 | 41 | 37 | 2 | 2 | 4664 | 4752 |
| 11 | Dolphin's Barn Bridge | 261 | 1373 | 508 | 548 | 95 | 108 | 7192 | 6869 | 687 | 735 | 289 | 307 | 196 | 204 | 18 | 13 | 9244 | 9128 |
| 12 | Herbeton Bridge | 192 | 716 | 339 | 313 | 40 | 40 | 5233 | 5082 | 340 | 334 | 119 | 101 | 49 | 50 | 4 | 3 | 6313 | 6126 |
| 13 | South Circular Road at St Patrick's Home | 258 | 874 | 181 | 204 | 56 | 43 | 4656 | 4553 | 257 | 224 | 100 | 140 | 80 | 80 | 10 | 4 | 5596 | 5515 |
| 14 | Old Kilmainham | 142 | 470 | 140 | 162 | 59 | 75 | 4451 | 4707 | 360 | 340 | 145 | 149 | 119 | 122 | 8 | 7 | 5422 | 5706 |
| 15 | Kilmainham Lane | 112 | 413 | 158 | 190 | 24 | 21 | 1378 | 1253 | 63 | 55 | 12 | 9 | 0 | 0 | 2 | 1 | 1749 | 1621 |
| 16 | St John's Road West | 93 | 298 | 235 | 223 | 183 | 207 | 7286 | 7560 | 1346 | 1378 | 239 | 199 | 337 | 292 | 282 | 291 | 10000 | 10268 |
| 17 | Conyngham Road | 264 | 833 | 308 | 398 | 63 | 87 | 7855 | 7826 | 249 | 232 | 209 | 224 | 175 | 170 | 12 | 18 | 9133 | 9348 |
| 18 | Phoenix Park (Main Road) | 205 | 1240 | 488 | 661 | 94 | 105 | 2453 | 2347 | 188 | 192 | 12 | 12 | 87 | 65 | 12 | 11 | 3537 | 3730 |
| 19 | Phoenix Park (Back Road) | 130 | 786 | 126 | 139 | 8 | 14 | 2693 | 2617 | 47 | 42 | 19 | 21 | 0 | 0 | 4 | 4 | 3026 | 3015 |
| 20 | Blackhorse Avenue | 192 | 540 | 157 | 159 | 17 | 23 | 3059 | 3130 | 165 | 133 | 71 | 41 | 45 | 44 | 3 | 0 | 3707 | 3757 |
| 21 | Old Cabra Road | 297 | 1188 | 423 | 460 | 85 | 94 | 5543 | 5418 | 512 | 509 | 191 | 151 | 155 | 160 | 20 | 21 | 7224 | 7194 |
| 22 | Annamoe Road | 220 | 768 | 130 | 151 | 12 | 17 | 1723 | 1924 | 114 | 104 | 36 | 26 | 0 | 0 | 1 | 1 | 2234 | 2501 |
| 23 | Chareville Road | 199 | 503 | 135 | 126 | 16 | 23 | 1863 | 1721 | 105 | 95 | 38 | 15 | 0 | 0 | 1 | 0 | 2355 | 2182 |
| 24 | Cabra Road | 820 | 2793 | 423 | 464 | 91 | 104 | 5019 | 4888 | 399 | 286 | 99 | 73 | 138 | 180 | 79 | 24 | 7067 | 7219 |
| 25 | Phibsborough Road | 1049 | 3860 | 1047 | 1136 | 138 | 169 | 7370 | 7253 | 1124 | 1052 | 224 | 168 | 265 | 344 | 81 | 31 | 11297 | 11260 |
| 26 | Royal Canal Bank | 102 | 175 | 135 | 186 | 2 | 3 | 113 | 74 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 355 | 373 |
| 27 | Drumcondra Road (Binn's Bridge) | 1412 | 3373 | 1354 | 1130 | 236 | 242 | 13156 | 13048 | 2413 | 2595 | 222 | 221 | 425 | 443 | 210 | 226 | 19427 | 19405 |
| 28 | Russell Street Bridge | 314 | 988 | 224 | 224 | 45 | 49 | 2556 | 2261 | 318 | 324 | 53 | 46 | 11 | 13 | 8 | 1 | 3528 | 3253 |
| 29 | Clarke's Bridge | 654 | 1556 | 451 | 505 | 59 | 68 | 7247 | 6538 | 416 | 460 | 124 | 120 | 66 | 68 | 5 | 3 | 9021 | 8444 |
| 30 | Newcomen Bridge | 1156 | 2453 | 2061 | 1844 | 268 | 317 | 8225 | 7873 | 2135 | 1786 | 146 | 122 | 518 | 522 | 25 | 19 | 14532 | 13536 |
| 31 | Ossory Road - Closed 2016 | 0 | 833 | 0 | 154 | 0 | 20 | 0 | 725 | 0 | 80 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 1350 |
| 32 | Sheriff Street Lower | 455 | 880 | 180 | 232 | 36 | 32 | 2531 | 2349 | 158 | 115 | 151 | 109 | 50 | 54 | 73 | 43 | 3632 | 3419 |
| 33 | North Wall Quay | 1991 | 4683 | 793 | 980 | 75 | 63 | 2065 | 2010 | 371 | 337 | 281 | 264 | 104 | 134 | 280 | 304 | 5958 | 6224 |
| | Total | 21487 | 66234 | 21552 | 22361 | 3150 | 3455 | 152446 | 149733 | 18838 | 17925 | 3851 | 3451 | 4303 | 4459 | 1375 | 1274 | 226999 | 227594 |

1997 – 2017 Comparisons – 07:00 to 10:00 Inbound



1997 – 2017 Comparisons – 07:00 to 10:00 Inbound

Buses - All



Car/LGV



1997 – 2017 Comparisons – 07:00 to 10:00 Inbound



DCC – Historic Table
Table 1 - Summary Results Canal Cordon Counts (1997-2016)

| Inbound 07:00 to 10:00 | | | | | | | |
|------------------------|---------|------|---------------|-------------|----------|----------|-------|
| Year | Car/LGV | Taxi | Goods – HGV's | Buses - All | P.Cycles | M.Cycles | Peds |
| 1997 | 73561 | | 3283 | 1459 | 5628 | 1816 | 16679 |
| 1998 | 71536 | | 3090 | 1350 | 4579 | 1845 | 15565 |
| 1999 | 73147 | | 3112 | 1454 | 5384 | 2267 | 18157 |
| 2000 | 67935 | | 3000 | 1521 | 4464 | 2558 | 15808 |
| 2001 | 68003 | | 3004 | 1522 | 5085 | 2845 | 18558 |
| 2002 | 65657 | | 2828 | 1576 | 4714 | 2920 | 16609 |
| 2003 | 63509 | | 2651 | 1563 | 4711 | 2656 | 17305 |
| 2004 | 62475 | | 3057 | 1537 | 3941 | 2249 | 15241 |
| 2005 | 60600 | | 2711 | 1601 | 4404 | 2187 | 16332 |
| 2006 | 62489 | | 2291 | 1680 | 4839 | 2395 | 17114 |
| 2007 | 63269 | | 1445 | 1740 | 5676 | 2429 | 18594 |
| 2008 | 63976 | | 1223 | 1814 | 6143 | 2375 | 18360 |
| 2009 | 58232 | 4980 | 1087 | 1704 | 6326 | 2060 | 14618 |
| 2010 | 58047 | 4809 | 993 | 1688 | 5952 | 1656 | 15092 |
| 2011 | 55745 | 4862 | 1176 | 1539 | 6870 | 1485 | 14551 |
| 2012 | 55344 | 5276 | 1099 | 1503 | 7943 | 1425 | 17070 |
| 2013 | 54458 | 5458 | 1045 | 1539 | 9061 | 1423 | 17495 |
| 2014 | 53033 | 4955 | 1087 | 1504 | 10349 | 1372 | 19711 |
| 2015 | 53064 | 4699 | 1082 | 1528 | 10893 | 1390 | 18727 |
| 2016 | 51907 | 4779 | 1093 | 1625 | 12098 | 1464 | 21473 |
| 2017 | 50158 | 4098 | 1024 | 1637 | 12447 | 1532 | 24936 |

Vehicle Occupancy Counts.

Vehicle Occupancy Counts were recorded by manual observation as follows:

- Cars – 5 samples of 5 cars every 15 minutes,
- Taxis – All taxis were recorded every 15 minutes.

The Table below shows the average number of people in each vehicle type recorded over two survey days and across all 33 survey sites.

Vehicle Occupancy Rates have been stable throughout the years, as per table 2 below.

Table 2 - Number of persons crossing the cordon (Inbound 07:00 - 10:00 hrs.)

| | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | % 2009-17 |
|-----------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Numbers | Cars | 58232 | 58047 | 55745 | 55344 | 54458 | 53.033 | 53064 | 51907 | 50158 | -13.9% |
| | Taxis | 4980 | 4809 | 4862 | 5276 | 5458 | 4955 | 4699 | 4779 | 4098 | -17.7% |
| | Pedestrians | 14618 | 15092 | 14551 | 17070 | 17495 | 19711 | 18727 | 21473 | 24936 | 70.6% |
| Occupancy | Cars (Includes Driver) | 1.22 | 1.24 | 1.25 | 1.24 | 1.25 | 1.21 | 1.23 | 1.25 | 1.23 | 0.8% |
| | Taxis (Includes Driver) | 1.55 | 1.47 | 1.55 | 1.62 | 1.57 | 1.56 | 1.63 | 1.57 | 1.64 | 5.8% |
| | Pedestrians | 1.22 | 1.24 | 1.25 | 1.24 | 1.25 | 1.21 | 1.23 | 1.25 | 1.23 | 0.8% |
| Persons | Cars | 71043 | 71978 | 69681 | 68626 | 68072 | 64169 | 65269 | 64884 | 61694 | -13.2% |
| | Taxis | 7719 | 7069 | 7536 | 8547 | 8569 | 7729 | 7659 | 7503 | 6721 | -12.9% |
| | Pedestrians | 14618 | 15092 | 14551 | 17070 | 17495 | 19711 | 18727 | 21473 | 24936 | 70.6% |
| | Total | 93380 | 94139 | 91768 | 94243 | 94136 | 91609 | 91655 | 93860 | 93351 | -0.03% |

Observations/Comments/Site Notes

- On-going roadworks in connection with Luas Cross City.
- Recession between 2009-2013.
- Introduction of Luas: Green line June 2004 / Red line September 2004.
- Port Tunnel opened December 2006.
- Introduction of Number Plate Recognition on M50 Westlink Toll Bridge in September 2008.
- Opening of Dublin Convention Centre in September 2010.
- 5 axle ban in City Centre - February 2007.
- North Quays reduced to one lane – August 2017.
- 30kph reduced speed limits around the City Centre – May 2017.
- Introduction of various cycle infrastructure, Dublin Bike scheme etc in Dublin City Centre.

Contact Details

Nationwide Data Collection

- Manual Traffic Counts
- Automatic Traffic Counts
- Roadside Interview Surveys
- Video Surveys and Analysis
- Pedestrian Counts/ Interviews
- Journey Time Surveys
- Radar Speed Surveys
- Bicycle Surveys
- Parking Surveys
- Public Transport Surveys
- Vehicle Registration Surveys (ANPR)
- Household Interview Surveys
- Market Research
- Inventory / Land Use Surveys
- Bluetooth / Wifi Surveys

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Presentation available upon request.