

Report to Dublin City Council Cycling and Walking Committee

Dublin City Centre Cycle Count – May / June 2014

**Niall Gormley
Senior Executive Engineer,
Environment and Transportation Department
Dublin City Council**

August, 2014

City Centre Cycle Count – May/June 2014

As part of the 2007-2012 cycle action plan, it was proposed to carry out new baseline cycle counts within the canals every May in order to measure changes in cycle usage within the city centre. These counts were to be carried out in addition to the canal cordon counts, which are carried out in November each year. As part of the 2010-2015 cycle action plan it was proposed to continue to conduct these annual city centre cycle counts.

Twenty-six locations were originally selected between Heuston Station and the East Link Bridge and Parnell Street and St. Stephen's Green. The Samuel Beckett Bridge was added in 2011. The Millennium Bridge was added in 2012 and the Sean O'Casey Bridge in 2013. The Rosie Hackett Bridge was opened in 2014 but not in time to be included in this year's survey results. All locations are shown on the attached location map. The 2014 count was carried out from 7 am to 7 pm on either Monday, Tuesday or Wednesday during the period May 29th to June 18th 2014.

Table 1 shows the results of the total number of cyclists counted at each location between 7 am and 7 pm.

Eight locations, all located at the western end of the survey area, showed a decrease in the number of cyclists from 2013 to 2014. However this decrease was more than compensated for by large increases at locations (nos.15-20) in the city centre between O'Connell Bridge and Memorial Bridge. There was an overall increase of 22.5% in the total number of cyclists counted at all locations in 2014 compared to 2013.

Table 2 shows the total number of cyclists at each location and the percentage of all traffic represented by cyclists.

The location with the highest percentage of cyclists in 2013 was Dame Street / Georges Street (location no 24) where cyclists made up 27.0% of all traffic. This location has had the highest percentage of cyclists in every year from 2007 to 2014.

The overall percentage of cyclists increased from 7.9 % in 2013 to 10.1% in 2014. The overall number of all vehicles decreased by 3.7 % in 2014 compared to 2013

Table 1 - Total No. of Pedal Cycles 7.00 am to 7.00 pm

	Location on City Centre Cordon	2009	2010	2011	2012	2013	2014	2013-14 %change
1	Wolfe Tone Quay / Frank Sherwin Bridge	844	1018	1159	1346	1889	1399	-25.9
2	Frank Sherwin Bridge / Victoria Quay	778	639	785	1065	1372	1156	-15.7
3	Ellis Quay / Watling St Bridge	514	769	871	1126	1197	1131	-6.5
4	Usher's Island / Watling St Bridge	446	612	718	836	1160	897	- 22.7
5	Blackhall Place / Ellis Quay	926	1143	1390	1550	1656	1716	3.6
6	James Joyce Bridge / Usher's Island	607	558	882	983	1236	1039	-15.9
7	Queen Street / Arran Quay	904	1246	1234	1583	1712	1706	-0.4
8	Queen Street / Usher's Quay	667	837	984	1188	1420	1215	-14.4
9	Church Street / Inn's Quay	1363	1786	1813	2332	2878	2465	-14.4
10	Merchant's Quay / Usher's Quay /Church St	1108	1500	1493	1900	2120	1728	-18.5
11	Inns Quay / Ormond Qy Upr / Chancery Place	1764	1833	1984	2121	2734	3133	14.6
12	Wood Quay / Merchant's Quay / Winetavern St	1468	1212	1328	1671	2031	2235	10.0
13	Ormond Quay / Capel St / Grattan Bridge	2150	1918	2133	2645	3181	3892	22.4
14	Wellington Quay / Essex Quay	1517	1797	1799	2158	2439	2903	19.0
15	O'Connell St Lower / Eden Quay	1821	3246	2250	5371	4770	6885	44.3
16	D'Olier St / Aston Quay / Burgh Quay	1354	2190	3305	3985	4637	6581	41.9
17	Butt Bridge / Beresford Pl / Custom Hse Quay	1077	1567	1420	1400	2020	2990	48.0
18	Butt Bridge / Burgh Qy / Georges Qy / Tara St	724	926	1346	1362	1543	2377	54.1
19	Memorial Rd / Custom Hse Qy / George's Qy	1971	1649	1733	2007	2599	4156	59.9
20	Moss St / City Quay / George's Quay	1546	1469	589	1780	2036	3534	73.6
21	East Link Bridge / Nth Wall Qy / East Wall Rd	536	642	657	671	1000	1225	22.5
22	East Link Bridge	469	614	523	554	914	1084	18.6
23	Cuffe Street / Cuffe Lane	1136	1237	1385	1550	1542	1660	7.7
24	Dame Street / George's Street	2274	2975	2736	3820	3878	5500	41.8
25	Parnell Street / Dominick Street	841	729	868	1415	1387	1693	22.1
26	Pearse Street / Westland Row	1120	1473	2101	2241	2891	4128	42.8
27	Samuel Beckett Bridge (North)	-	-	1084	1692	2669	3417	28.0
28	Samuel Beckett Bridge (South)	-	-	1460	1920	2374	3241	36.5
29	Millennium Bridge	-	-	-	461	496	480	-3.2
39	Sean O'Casey Bridge	-	-	-	-	560	971	73.4
	Total (excluding nos. 29 and 39)	29,925	35,585	40,030	52,272	61,285	75,086	22.5%

Table 2 - No. of Pedal Cycles 7.00 am to 7.00 pm - cyclists as % of all traffic

	Location on City Centre Cordon	2012	2012(%)	2013	2013(%)	2014	2014(%)
1	Wolfe Tone Quay / Frank Sherwin Bridge	1346	5.4	1889	7.1	1399	5.3
2	Frank Sherwin Bridge / Victoria Quay	1065	3.3	1372	4.1	1156	3.4
3	Ellis Quay / Watling St Bridge	1126	6.3	1197	6.5	1131	6.2
4	Usher's Island / Watling St Bridge	836	3.7	1160	4.8	897	3.7
5	Blackhall Place / Ellis Quay	1550	6.8	1656	7.3	1716	7.6
6	James Joyce Bridge / Usher's Island	983	4.1	1236	5.1	1039	4.2
7	Queen Street / Arran Quay	1583	6.7	1712	7.2	1706	7.2
8	Queen Street / Usher's Quay	1188	4.5	1420	5.3	1215	4.4
9	Church Street / Inn's Quay	2332	6.9	2878	8.4	2465	7.2
10	Merchants Qy / Usher's Qy / Church Street	1900	4.9	2120	5.3	1728	4.5
11	Inns Qy / Ormond Qy Upr / Chancery Place	2121	7.5	2734	9.6	3133	10.5
12	Wood Qy / Merchant's Qy / Winetavern Street	1671	5.4	2031	6.5	2235	7.3
13	Ormond Qy / Capel St / Grattan Bridge	2645	8.6	3181	10.3	3892	13.1
14	Wellington Quay / Essex Quay	2158	9.1	2439	10.2	2903	12.7
15	O'Connell St Lr / Bachelor's Walk / Eden Quay	5371	14.9	4770	13.5	6885	19.7
16	D'Olier St / Aston Quay / Burgh Quay	3985	10.3	4637	12.0	6581	18.0
17	Butt Bridge / Beresford Pl / Custom Hse Quay	1400	5.0	2020	7.2	2990	10.8
18	Butt Bridge / Burgh Qy / Georges Qy / Tara St	1362	4.5	1543	5.4	2377	8.6
19	Memorial Rd / Custom Hse Qy / George's Qy	2007	5.7	2599	7.6	4156	12.4
20	Moss St / City Quay / George's Quay	1780	6.6	2036	7.8	3534	14.4
21	East Link Bridge / Nth Wall Qy / East Wall Rd	671	3.0	1000	4.6	1225	5.4
22	East Link Bridge	554	3.7	914	6.0	1084	6.9
23	Cuffe Street / Cuffe Lane	1550	8.4	1542	8.2	1660	8.8
24	Dame Street / George's Street	3820	18.1	3878	18.4	5500	27.0
25	Parnell Street / Dominick Street	1415	8.4	1387	8.5	1693	11.6
26	Pearse Street / Westland Row	2241	6.7	2891	8.9	4128	12.4
27	Samuel Beckett Bridge (North)	1692	7.0	2669	10.8	3417	12.8
28	Samuel Beckett Bridge (South)	1920	12.0	2374	14.5	3241	18.4
	Total (1-28)	52,272	6.8%	61,285	7.9%	75,086	10.1%

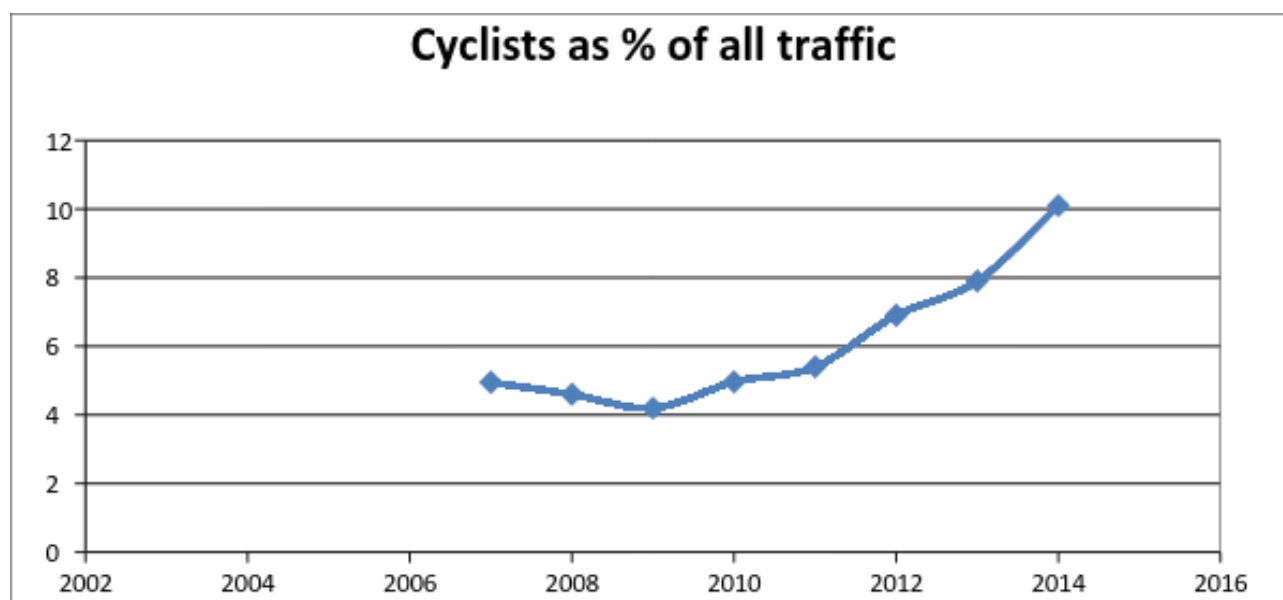


Figure 1

Dates of counts

- 2008 Sites nos.1-18 counts were carried out on Tues.6-5-08
Sites nos. 19-26 counts were carried out on Wed.7-5-08
- 2009 All counts were carried out on Tuesday 12-5-09
- 2010 Site no 1 count was carried out on Mon.10-5-10
Site nos. 2-8, 15-18, 23 and 26 counts were carried out on Tues.11-5-10
Site nos. 9-14, 21 and 24-25 counts were carried out on Wed.12-5-10
Site nos. 19, 20 and 22 counts were carried out on Thurs.13-5-10
- 2011 Site nos. 1, 2, 3, 4, 5, 6 and 25 counts were carried out on Tues.10-5-11
Site nos. 7-14, 21- 24 and nos. 26- 28 counts were carried out on Wed. 11-5-11
Site nos. 15-20 counts were carried out on Thurs. 12-5-11
- 2012 Site nos. 1-16, 23-24 and 41-42 counts were carried out on Wed.16-5-12
Site nos. 17- 22 and 26-28 counts were carried out on Thurs.17-5-12
Site no. 25 count was carried out on Tues.15-5-12
- 2013 Site nos. 1-8 counts were carried out on Thurs. 30-5-13
Site no. 9 count was carried out on Thurs. 9-5-13
Site nos.10-14, 24-25 and 29-30 counts were carried out on Wed. 29-5-13
Site nos.15-20 counts were carried out on Wed. 22-5-13
Site nos. 21-22, 26-28 and 39-40 were carried out on Tues. 21-5-13
Site nos. 23 count was carried out on Wed. 15-5-13
- 2014 Site nos. 1-10 counts were carried out on Wed. 29-5-14
Site no. 23 count was carried out on Mon.10-6-14
Site nos. 27-28 counts were carried out on Tues. 11-6-14
Site nos. 21-22 counts were carried out on Wed. 12-6-14
Site nos. 11-14, 24 and 29-30 were carried out on Mon. 17-6-14
Site nos. 15- 20, 25-26 and 39-40 were carried out on Tues 18-6-14

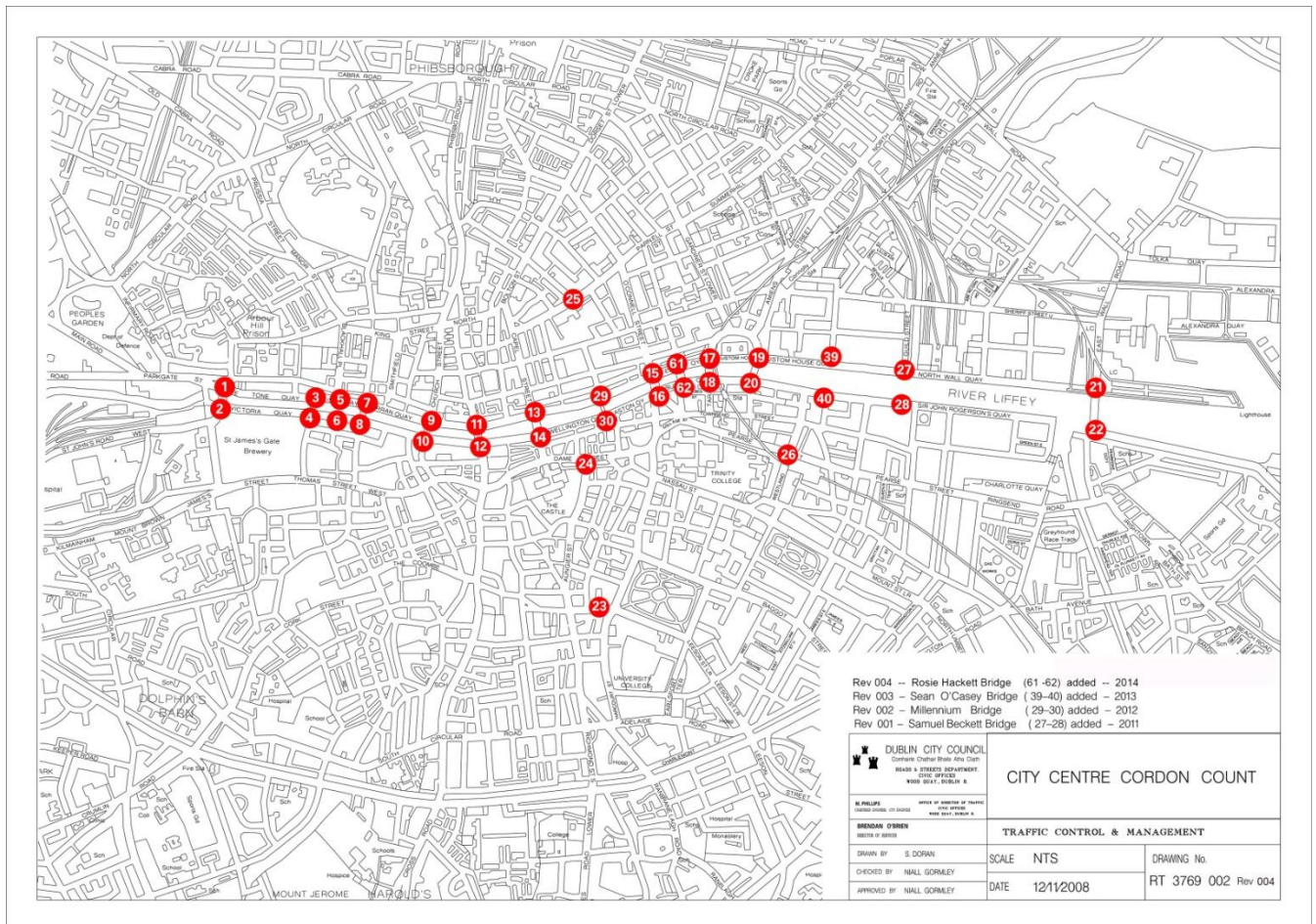
Dublinbike Rentals

Dublinbikes began operation on September 13th 2009

Dates of city centre count Average no. of rentals per day

11 -13 May 2010	4,474
10 -12 May 2011	5,846
15 -17 May 2012	5,864
9 - 30 May 2013	6,088
29 May–18 June 2014	10,566

City Centre Cordon Count Locations



The Rosie Hackett Bridge (61-62) opened to traffic on 21/5/14 but was not included in this year's survey