

Portland Port Energy Recovery Facility

Appeal Against The Refusal Of An Application For Construction Of An Energy Recovery Facility With Ancillary Buildings And Works At Portland Port, Castletown, Portland Dt5 1pp

Pins Ref: App/D1265/W/23/3327692

LPA Ref: 20/00692/DCC

Appendix IDA 1

Traffic and Transportation

PPF17





Appendix IDA 1 – Traffic and Comparative Land Uses – TRICS Output Reports

Filtering Summary

Land Use	02/F	EMPLOYMENT/WAREHOUSING (COMMERCIAL)
Selected Trip Rate Calculation Parameter Range	2500-12500 sqm GFA	
Actual Trip Rate Calculation Parameter Range	3500-11200 sqm GFA	
Date Range	Minimum: 01/01/15	Maximum: 27/09/21
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	2
	Tuesday	1
	Thursday	2
	Friday	3
Main Location Types selected	Edge of Town	8
Inclusion of Servicing Vehicles Counts	Servicing vehicles Included	1 - Selected
	Servicing vehicles Excluded	7 - Selected
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,001 to 5,000	1
	5,001 to 10,000	2
	10,001 to 15,000	2
	15,001 to 20,000	2
	25,001 to 50,000	1
Population <5 Mile ranges selected	5,001 to 25,000	1
	50,001 to 75,000	1
	125,001 to 250,000	4
	250,001 to 500,000	1
	500,001 or More	1
Car Ownership <5 Mile ranges selected	0.6 to 1.0	2
	1.1 to 1.5	6
PTAL Rating	No PTAL Present	8
Filter by Site Operations Breakdown	All Surveys Included	

Calculation Reference: AUDIT-753701-231020-1018

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : F - WAREHOUSING (COMMERCIAL)
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BO BEDFORD	1 days
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
	MW MEDWAY	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	BD BRADFORD	1 days
11	SCOTLAND	
	LO WEST LOTHIAN	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
 Actual Range: 3500 to 11200 (units: sqm)
 Range Selected by User: 2500 to 12500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 27/09/21

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	2 days
Tuesday	1 days
Thursday	2 days
Friday	3 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	8 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town	8
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This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	6
Commercial Zone	1
Residential Zone	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	1 days - Selected
Servicing vehicles Excluded	7 days - Selected

Secondary Filtering selection:

Use Class:

n/a	1 days
B8	7 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	2 days
15,001 to 20,000	2 days
25,001 to 50,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
50,001 to 75,000	1 days
125,001 to 250,000	4 days
250,001 to 500,000	1 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	6 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	8 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	8 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	3	6600	0.227	3	6600	0.096	3	6600	0.323
06:00 - 07:00	3	6600	0.374	3	6600	0.162	3	6600	0.536
07:00 - 08:00	8	6194	0.337	8	6194	0.176	8	6194	0.513
08:00 - 09:00	8	6194	0.268	8	6194	0.204	8	6194	0.472
09:00 - 10:00	8	6194	0.222	8	6194	0.165	8	6194	0.387
10:00 - 11:00	8	6194	0.202	8	6194	0.163	8	6194	0.365
11:00 - 12:00	8	6194	0.206	8	6194	0.182	8	6194	0.388
12:00 - 13:00	8	6194	0.198	8	6194	0.163	8	6194	0.361
13:00 - 14:00	8	6194	0.194	8	6194	0.186	8	6194	0.380
14:00 - 15:00	8	6194	0.186	8	6194	0.208	8	6194	0.394
15:00 - 16:00	8	6194	0.208	8	6194	0.279	8	6194	0.487
16:00 - 17:00	8	6194	0.192	8	6194	0.305	8	6194	0.497
17:00 - 18:00	8	6194	0.174	8	6194	0.396	8	6194	0.570
18:00 - 19:00	8	6194	0.083	8	6194	0.234	8	6194	0.317
19:00 - 20:00	3	6600	0.056	3	6600	0.152	3	6600	0.208
20:00 - 21:00	3	6600	0.056	3	6600	0.056	3	6600	0.112
21:00 - 22:00	1	5855	0.034	1	5855	0.017	1	5855	0.051
22:00 - 23:00	1	5855	0.000	1	5855	0.000	1	5855	0.000
23:00 - 24:00									
Total Rates:			3.217			3.144			6.361

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

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Parameter summary

Trip rate parameter range selected:	3500 - 11200 (units: sqm)
Survey date range:	01/01/15 - 27/09/21
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	3	6600	0.045	3	6600	0.066	3	6600	0.111
06:00 - 07:00	3	6600	0.051	3	6600	0.096	3	6600	0.147
07:00 - 08:00	8	6194	0.048	8	6194	0.095	8	6194	0.143
08:00 - 09:00	8	6194	0.052	8	6194	0.113	8	6194	0.165
09:00 - 10:00	8	6194	0.046	8	6194	0.079	8	6194	0.125
10:00 - 11:00	8	6194	0.075	8	6194	0.067	8	6194	0.142
11:00 - 12:00	8	6194	0.067	8	6194	0.079	8	6194	0.146
12:00 - 13:00	8	6194	0.077	8	6194	0.048	8	6194	0.125
13:00 - 14:00	8	6194	0.059	8	6194	0.052	8	6194	0.111
14:00 - 15:00	8	6194	0.067	8	6194	0.038	8	6194	0.105
15:00 - 16:00	8	6194	0.103	8	6194	0.063	8	6194	0.166
16:00 - 17:00	8	6194	0.109	8	6194	0.075	8	6194	0.184
17:00 - 18:00	8	6194	0.105	8	6194	0.081	8	6194	0.186
18:00 - 19:00	8	6194	0.050	8	6194	0.028	8	6194	0.078
19:00 - 20:00	3	6600	0.010	3	6600	0.030	3	6600	0.040
20:00 - 21:00	3	6600	0.015	3	6600	0.030	3	6600	0.045
21:00 - 22:00	1	5855	0.017	1	5855	0.017	1	5855	0.034
22:00 - 23:00	1	5855	0.000	1	5855	0.000	1	5855	0.000
23:00 - 24:00									
Total Rates:			0.996			1.057			2.053

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Filtering Summary

Land Use	02/D	EMPLOYMENT/INDUSTRIAL ESTATE
Selected Trip Rate Calculation Parameter Range	2500-12500 sqm GFA	
Actual Trip Rate Calculation Parameter Range	3600-11265 sqm GFA	
Date Range	Minimum: 01/01/15	Maximum: 14/09/22
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	1
	Tuesday	2
	Wednesday	1
	Thursday	1
	Friday	4
Main Location Types selected	Edge of Town	9
Inclusion of Servicing Vehicles Counts	Servicing vehicles Included	2 - Selected
	Servicing vehicles Excluded	7 - Selected
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,001 to 5,000	1
	10,001 to 15,000	5
	15,001 to 20,000	2
	20,001 to 25,000	1
Population <5 Mile ranges selected	125,001 to 250,000	8
	250,001 to 500,000	1
Car Ownership <5 Mile ranges selected	0.6 to 1.0	4
	1.1 to 1.5	4
	1.6 to 2.0	1
PTAL Rating	No PTAL Present	9
Filter by Site Operations Breakdown	All Surveys Included	

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : D - INDUSTRIAL ESTATE
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	2 days
03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	AK WAKEFIELD	1 days
08	NORTH WEST	
	LC LANCASHIRE	2 days
10	WALES	
	SW SWANSEA	2 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
 Actual Range: 3600 to 11265 (units: sqm)
 Range Selected by User: 2500 to 12500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 14/09/22

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	1 days
Tuesday	2 days
Wednesday	1 days
Thursday	1 days
Friday	4 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	9 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town	9
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This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	9
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This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	2 days - Selected
Servicing vehicles Excluded	7 days - Selected

Secondary Filtering selection:

Use Class:

Not Known	9 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	1 days
10,001 to 15,000	5 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

125,001 to 250,000	8 days
250,001 to 500,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	4 days
1.6 to 2.0	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	9 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	9 days
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This data displays the number of selected surveys with PTAL Ratings.

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	6051	0.074	2	6051	0.008	2	6051	0.082
06:00 - 07:00	3	7789	0.128	3	7789	0.021	3	7789	0.149
07:00 - 08:00	9	5795	0.416	9	5795	0.084	9	5795	0.500
08:00 - 09:00	9	5795	0.527	9	5795	0.313	9	5795	0.840
09:00 - 10:00	9	5795	0.508	9	5795	0.299	9	5795	0.807
10:00 - 11:00	9	5795	0.435	9	5795	0.353	9	5795	0.788
11:00 - 12:00	9	5795	0.418	9	5795	0.472	9	5795	0.890
12:00 - 13:00	9	5795	0.384	9	5795	0.445	9	5795	0.829
13:00 - 14:00	9	5795	0.418	9	5795	0.407	9	5795	0.825
14:00 - 15:00	9	5795	0.324	9	5795	0.412	9	5795	0.736
15:00 - 16:00	9	5795	0.332	9	5795	0.389	9	5795	0.721
16:00 - 17:00	9	5795	0.330	9	5795	0.525	9	5795	0.855
17:00 - 18:00	9	5795	0.203	9	5795	0.485	9	5795	0.688
18:00 - 19:00	9	5795	0.056	9	5795	0.215	9	5795	0.271
19:00 - 20:00	3	7789	0.009	3	7789	0.158	3	7789	0.167
20:00 - 21:00	3	7789	0.000	3	7789	0.047	3	7789	0.047
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.562			4.633			9.195

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

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Parameter summary

Trip rate parameter range selected:	3600 - 11265 (units: sqm)
Survey date date range:	01/01/15 - 14/09/22
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	6051	0.000	2	6051	0.000	2	6051	0.000
06:00 - 07:00	3	7789	0.004	3	7789	0.000	3	7789	0.004
07:00 - 08:00	9	5795	0.019	9	5795	0.008	9	5795	0.027
08:00 - 09:00	9	5795	0.044	9	5795	0.040	9	5795	0.084
09:00 - 10:00	9	5795	0.059	9	5795	0.035	9	5795	0.094
10:00 - 11:00	9	5795	0.048	9	5795	0.048	9	5795	0.096
11:00 - 12:00	9	5795	0.036	9	5795	0.052	9	5795	0.088
12:00 - 13:00	9	5795	0.033	9	5795	0.033	9	5795	0.066
13:00 - 14:00	9	5795	0.038	9	5795	0.027	9	5795	0.065
14:00 - 15:00	9	5795	0.031	9	5795	0.042	9	5795	0.073
15:00 - 16:00	9	5795	0.027	9	5795	0.033	9	5795	0.060
16:00 - 17:00	9	5795	0.021	9	5795	0.025	9	5795	0.046
17:00 - 18:00	9	5795	0.010	9	5795	0.019	9	5795	0.029
18:00 - 19:00	9	5795	0.000	9	5795	0.004	9	5795	0.004
19:00 - 20:00	3	7789	0.000	3	7789	0.000	3	7789	0.000
20:00 - 21:00	3	7789	0.000	3	7789	0.000	3	7789	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.370			0.366			0.736

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Filtering Summary

Land Use	02/E	EMPLOYMENT/WAREHOUSING (SELF STORAGE)
Selected Trip Rate Calculation Parameter Range	1350-14000 sqm GFA	
Actual Trip Rate Calculation Parameter Range	1350-5500 sqm GFA	
Date Range	Minimum: 01/01/15	Maximum: 15/10/21
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	1
	Tuesday	1
	Wednesday	1
	Thursday	2
	Friday	1
Main Location Types selected	Suburban Area (PPS6 Out of Centre)	3
	Edge of Town	3
Inclusion of Servicing Vehicles Counts	Servicing vehicles Included	X - Selected
	Servicing vehicles Excluded	6 - Selected
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	5,001 to 10,000	1
	10,001 to 15,000	2
	15,001 to 20,000	1
	25,001 to 50,000	2
Population <5 Mile ranges selected	5,001 to 25,000	1
	75,001 to 100,000	1
	125,001 to 250,000	2
	250,001 to 500,000	1
	500,001 or More	1
Car Ownership <5 Mile ranges selected	0.6 to 1.0	2
	1.1 to 1.5	3
	1.6 to 2.0	1
PTAL Rating	No PTAL Present	6
Filter by Site Operations Breakdown	All Surveys Included	

Calculation Reference: AUDIT-753701-231020-1026

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : E - WAREHOUSING (SELF STORAGE)
TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	SD SWINDON	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	NG NOTTINGHAM	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
09	NORTH	
	CU CUMBERLAND	1 days
	TW TYNE & WEAR	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
 Actual Range: 1350 to 5500 (units: sqm)
 Range Selected by User: 1350 to 14000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 15/10/21

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	1 days
Tuesday	1 days
Wednesday	1 days
Thursday	2 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	4
Development Zone	1
No Sub Category	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	X days - Selected
Servicing vehicles Excluded	6 days - Selected

Secondary Filtering selection:

Use Class:

B8 6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
25,001 to 50,000	2 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	1 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	3 days
1.6 to 2.0	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	6 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	6 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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TRIP RATE for Land Use 02 - EMPLOYMENT/E - WAREHOUSING (SELF STORAGE)

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	3211	0.057	6	3211	0.031	6	3211	0.088
08:00 - 09:00	6	3211	0.109	6	3211	0.078	6	3211	0.187
09:00 - 10:00	6	3211	0.187	6	3211	0.151	6	3211	0.338
10:00 - 11:00	6	3211	0.171	6	3211	0.176	6	3211	0.347
11:00 - 12:00	6	3211	0.130	6	3211	0.109	6	3211	0.239
12:00 - 13:00	6	3211	0.213	6	3211	0.218	6	3211	0.431
13:00 - 14:00	6	3211	0.140	6	3211	0.119	6	3211	0.259
14:00 - 15:00	6	3211	0.161	6	3211	0.176	6	3211	0.337
15:00 - 16:00	6	3211	0.145	6	3211	0.161	6	3211	0.306
16:00 - 17:00	6	3211	0.114	6	3211	0.119	6	3211	0.233
17:00 - 18:00	6	3211	0.057	6	3211	0.135	6	3211	0.192
18:00 - 19:00	6	3211	0.026	6	3211	0.031	6	3211	0.057
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.510			1.504			3.014

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

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Parameter summary

Trip rate parameter range selected:	1350 - 5500 (units: sqm)
Survey date range:	01/01/15 - 15/10/21
Number of weekdays (Monday-Friday):	6
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/E - WAREHOUSING (SELF STORAGE)

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	6	3211	0.000	6	3211	0.000	6	3211	0.000
08:00 - 09:00	6	3211	0.005	6	3211	0.005	6	3211	0.010
09:00 - 10:00	6	3211	0.016	6	3211	0.016	6	3211	0.032
10:00 - 11:00	6	3211	0.005	6	3211	0.010	6	3211	0.015
11:00 - 12:00	6	3211	0.000	6	3211	0.000	6	3211	0.000
12:00 - 13:00	6	3211	0.005	6	3211	0.005	6	3211	0.010
13:00 - 14:00	6	3211	0.005	6	3211	0.005	6	3211	0.010
14:00 - 15:00	6	3211	0.000	6	3211	0.000	6	3211	0.000
15:00 - 16:00	6	3211	0.010	6	3211	0.010	6	3211	0.020
16:00 - 17:00	6	3211	0.005	6	3211	0.005	6	3211	0.010
17:00 - 18:00	6	3211	0.000	6	3211	0.000	6	3211	0.000
18:00 - 19:00	6	3211	0.005	6	3211	0.000	6	3211	0.005
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.056			0.056			0.112

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

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