

Land-Use & Transport Integration in Scotland (LATIS)

TELMoS Model Demonstration Report Appendices

Draft Report Appendices for Transport Scotland

In association With David Simmonds Consultancy

October 2009



Document Control

Project Title: Land Use and Transport Integration in Scotland
MVA Project Number: C3713605
Document Type: Land Use Model Demonstration Draft Report Appendices
Directory & File Name: H:\Contracts\Live\C3713600_TMfS Update\Report\TElMoS\Demonstration

Document Approval

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Distribution

Issue	Date	Distribution	Comments
1	29/01/09	David Simmonds	Internal Review
2	30/01/09	David Connolly	MVA Review
3	30/01/09	Transport Scotland TTAA	First release version (for TS, TTAA Review/ Comment)
4	23/10/2009	MVA	Review and Formatting
5	30/10/2009	Transport Scotland TTAA	Review / Comment

Appendix 1 TMfS Related Changes

A1.1 TMfS Related Changes for Demonstration Test 3

TMfS results for the removal of the M74 Road Scheme

Gen costs (minutes) - car

Original figures for reference case (with M74)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	58566	74544	145915	70408
South Lanarkshire	75066	54380	128702	58210
City of Glasgow	144411	126763	120453	63379
Renfrewshire	71165	59338	66909	12345

Original figures for Test Case (with M74 removed)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	58482	74965	155825	75964
South Lanarkshire	75163	54684	137189	65141
City of Glasgow	151243	134532	126133	65388
Renfrewshire	75107	65124	68037	12309

Actual difference

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-84	-421	-9920	-5556
South Lanarkshire	-97	-304	-8487	-6931
City of Glasgow	-6832	-7768	-5680	-2010
Renfrewshire	-9942	-5786	-1129	97

% Difference

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-0.1%	-0.6%	-6.4%	-7.9%
South Lanarkshire	-0.1%	-0.6%	-6.2%	-10.6%
City of Glasgow	-4.5%	-5.8%	-4.5%	-3.1%
Renfrewshire	-5.2%	-8.9%	-1.7%	0.3%

Hwy

Original figures for reference case (with M74) (Vehicles)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
DM03_HWay_Commut_Demand	8011	1733	1829	153
DM03_HWay_Commut_Demand	1626	7650	2151	227
DM03_HWay_Commut_Demand	1273	1963	14600	1290
DM03_HWay_Commut_Demand	148	212	1646	4835

Original figures for Test Case (with M74 removed) (Vehicles)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
DM03-M74_HWay_Commut_Dem	8138	1765	1763	135
DM03-M74_HWay_Commut_Dem	1672	7827	2045	187
DM03-M74_HWay_Commut_Dem	1227	1303	14772	1311
DM03-M74_HWay_Commut_Dem	125	178	1677	4914

Actual difference (Vehicles)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-127	-32	66	19
South Lanarkshire	-46	-177	106	60
City of Glasgow	46	60	-172	-22
Renfrewshire	23	35	-91	-80

% Difference

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-1.6%	-1.8%	3.7%	13.7%
South Lanarkshire	-2.8%	-2.9%	5.2%	21.6%
City of Glasgow	3.7%	4.5%	-1.2%	-1.7%
Renfrewshire	18.4%	19.6%	-1.9%	-1.6%

PT

Original figures for reference case (with M74) (Passengers)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
DM03_PT_Commut_Demand	1583	342	2210	43
DM03_PT_Commut_Demand	221	1537	2322	48
DM03_PT_Commut_Demand	282	563	9188	521
DM03_PT_Commut_Demand	25	30	1473	1116

Original figures for Test Case (with M74 removed) (Passengers)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
DM03-74_PT_Commut_Demand	1593	345	2221	43
DM03-74_PT_Commut_Demand	224	1562	2307	48
DM03-74_PT_Commut_Demand	281	565	9250	522
DM03-74_PT_Commut_Demand	25	30	1475	1124

Actual difference (Passengers)

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-10	-4	-11	0
South Lanarkshire	-9	-25	15	0
City of Glasgow	1	-2	-61	-1
Renfrewshire	0	1	-9	-8

% Difference

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-0.7%	-1.3%	-0.5%	-0.7%
South Lanarkshire	-1.3%	-1.6%	0.7%	-0.4%
City of Glasgow	0.5%	-0.3%	-0.7%	-0.1%
Renfrewshire	1.3%	1.7%	-0.2%	-0.7%

Change In Total Demand (persons) Assumed with occupancy= 1.165

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	-159	-41	66	21
South Lanarkshire	-57	-232	139	47
City of Glasgow	55	68	-262	-26
Renfrewshire	27	41	-39	-100

Change in total demand as % of 'main effect'

	North Lanarkshire	South Lanarkshire	City of Glasgow	Renfrewshire
North Lanarkshire	107%	112%	85%	99%
South Lanarkshire	105%	112%	112%	100%
City of Glasgow	103%	98%	131%	103%
Renfrewshire	101%	101%	107%	108%

Conclusion: The change in car vehicle trips is predominantly a change in total demand

A1.2 TMfS Related Changes for Demonstration Test 4

TMfS results for the removal of the Airdrie-Bathgate Rail Scheme

Gen costs (minutes) - PT

Original figures for reference case (with AB)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	368009	555981	257028	681193
City of Glasgow	576295	578734	416567	1159774
West Lothian	252035	405142	76124	228960
City of Edinburgh	686042	1166218	241342	338923

Original figures for Test Case (with AB removed)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	372687	558905	285302	722509
City of Glasgow	579703	578819	449979	1172756
West Lothian	281810	438098	76974	229607
City of Edinburgh	729197	1177174	247115	339388

Actual difference

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-3878	-2923	-28274	-41317
City of Glasgow	-3408	-85	-33412	-12986
West Lothian	-28775	-32956	-850	-640
City of Edinburgh	-43155	-10956	-6773	-468

% Difference

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-1.0%	-0.5%	-9.9%	-5.7%
City of Glasgow	-0.6%	0.0%	-7.4%	-1.1%
West Lothian	-10.6%	-7.5%	-1.1%	-0.3%

PT

Original figures for reference case (with AB) (passengers)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
DMS-PT_Commute_Demand	1583	2210	106	445
DMS-PT_Commute_Demand	282	9188	67	395
DMS-PT_Commute_Demand	36	236	940	1486
DMS-PT_Commute_Demand	17	272	143	11728

Original figures for Test Case (with AB removed) (passengers)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
DMS-AB_PT_Commute_Demand	1597	2254	39	203
DMS-AB_PT_Commute_Demand	280	9231	24	342
DMS-AB_PT_Commute_Demand	8	112	972	1419
DMS-AB_PT_Commute_Demand	9	268	134	11808

Actual difference

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-15	-44	67	242
City of Glasgow	9	-45	44	50
West Lothian	26	124	-32	27
City of Edinburgh	7	4	10	-84

% Difference

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-0.9%	-1.9%	169%	120%
City of Glasgow	0.9%	-0.8%	169%	15.4%
West Lothian	362%	111%	-33%	4.7%
City of Edinburgh	81%	1.5%	7.1%	-5.7%

Hwy

Original figures for reference case (with AB) (vehicles)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
DMS-HWay_Commute_Demand	8011	1829	742	239
DMS-HWay_Commute_Demand	1273	14600	235	219
DMS-HWay_Commute_Demand	185	107	5536	2128
DMS-HWay_Commute_Demand	108	115	1101	16213

Original figures for Test Case (with AB removed) (vehicles)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
DMS-AB_HWay_Commute_Demand	8037	1830	753	244
DMS-AB_HWay_Commute_Demand	1273	14596	237	220
DMS-AB_HWay_Commute_Demand	183	106	5564	2155
DMS-AB_HWay_Commute_Demand	108	115	1094	16228

Actual difference (vehicles)

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-26	-1	-11	-5
City of Glasgow	0	-4	-2	-1
West Lothian	8	1	-29	-27
City of Edinburgh	1	0	7	-18

% Difference

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-0.33%	-0.08%	-1.42%	-2.17%
City of Glasgow	0.00%	0.02%	-0.83%	-0.62%
West Lothian	0.94%	0.83%	-0.51%	-1.27%
City of Edinburgh	0.55%	0.18%	0.64%	-0.09%

Change in Total Demand (persons)

Assumed veh occupancy= 1.165

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	-45	-46	54	236
City of Glasgow	2	-37	41	51
West Lothian	30	125	-65	38
City of Edinburgh	8	4	18	-101

Change in total demand as % of 'main effect'

	North Lanarkshire	City of Glasgow	West Lothian	City of Edinburgh
North Lanarkshire	309%	104%	81%	97%
City of Glasgow	100%	88%	95%	97%
West Lothian	107%	101%	203%	53%
City of Edinburgh	109%	106%	186%	120%

Conclusion: Most of the change in PT trips appears to be caused by a net change in travel demand (rather than a mode-shift effect)

Conclusion2: The exception to this is West Lothian to Edinburgh, where the increase in PT trips is a combination of a 35-person increase in travel and a 27-vehicle decrease in car vehicles

Appendix 2 LUTI Reference Case

A2.1 Population at Local Authority Level

Local Authority	Population						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	147,783	151,817	156,598	161,752	165,255	164,787	17,004
Scottish Borders	109,233	114,803	117,789	120,239	124,809	125,613	16,380
East Lothian	91,350	92,520	94,604	91,295	88,763	88,620	- 2,731
Midlothian	77,469	80,184	86,752	86,061	83,875	82,542	5,073
City of Edinburgh	469,186	460,662	463,141	475,632	482,525	488,313	19,127
West Lothian	160,116	165,533	193,038	217,351	230,889	234,251	74,135
South Lanarkshire	299,504	298,014	301,238	312,974	306,113	304,016	4,512
East Ayrshire	117,969	121,198	122,595	125,465	127,349	125,898	7,929
South Ayrshire	111,729	108,303	106,776	106,778	106,545	105,398	- 6,331
North Ayrshire	134,207	137,652	137,673	135,591	134,326	134,494	287
East Renfrewshire	84,912	78,816	74,332	68,139	64,143	62,234	- 22,678
City of Glasgow	597,028	622,192	627,927	655,065	682,498	694,492	97,464
North Lanarkshire	319,715	327,505	327,216	312,792	304,673	301,876	- 17,838
Falkirk	146,125	150,178	154,774	152,907	153,317	152,877	6,752
East Dunbartonshire	101,402	94,722	88,326	81,978	77,804	76,396	- 25,006
Renfrewshire	169,575	165,925	164,081	157,029	151,059	148,041	- 21,534
Inverclyde	80,217	81,817	82,332	81,401	80,954	80,498	281
West Dunbartonshire	90,035	92,783	95,500	94,840	93,998	93,016	2,981
Stirling	85,480	90,514	96,234	99,590	98,358	97,092	11,612
Clackmannanshire	49,052	50,947	53,755	52,597	52,693	52,077	3,025
Fife	348,326	360,244	356,536	350,798	349,129	347,558	- 768
Perth & Kinross	140,135	136,800	137,972	137,179	137,041	135,611	- 4,524
City of Dundee	147,198	149,438	144,577	141,879	140,561	140,041	- 7,157
Angus	109,399	107,089	108,074	109,245	107,621	104,780	- 4,619
Aberdeenshire	232,572	228,471	231,687	227,876	220,787	212,481	- 20,092

Appendix 2 LUTI Reference Case

Local Authority	Population						
	2007	2011	2016	2021	2026	2031	2007-2031
City of Aberdeen	219,285	228,169	228,312	229,995	234,719	240,454	21,169
Moray	88,752	85,409	84,784	85,002	84,844	83,996	- 4,756
Argyll & Bute	92,341	90,495	93,044	96,386	99,424	100,382	8,041
Highland	215,065	216,776	216,900	215,267	212,312	209,206	- 5,859
Eilean Siar	26,095	25,737	25,577	25,663	25,592	25,615	- 480
Orkney Islands	19,582	19,465	19,227	19,118	18,870	18,506	- 1,076
Shetland Islands	20,944	20,958	21,586	22,193	22,474	21,873	929
Total Scotland	5,101,783	5,155,137	5,212,956	5,250,076	5,263,318	5,253,033	151,250

A2.2 Households at Local Authority Level

Local Authority	Households						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	67,185	71,872	77,119	81,762	84,848	85,707	18,522
Scottish Borders	50,607	54,833	58,100	60,476	63,730	64,903	14,296
East Lothian	41,159	43,167	46,249	45,657	45,202	46,063	4,904
Midlothian	33,892	37,526	43,972	44,982	44,651	44,607	10,715
City of Edinburgh	216,235	211,812	212,330	218,070	221,451	222,482	6,247
West Lothian	71,169	78,218	97,744	114,516	123,957	126,933	55,764
South Lanarkshire	134,417	139,603	147,792	161,192	162,698	165,223	30,806
East Ayrshire	52,316	56,480	59,894	63,592	66,048	66,337	14,021
South Ayrshire	50,825	51,263	52,002	53,064	53,576	53,628	2,804
North Ayrshire	60,987	64,274	65,933	65,985	66,208	67,069	6,082
East Renfrewshire	35,561	34,486	33,849	32,070	30,912	30,434	- 5,126
City of Glasgow	280,056	287,702	287,825	299,514	313,531	319,210	39,153
North Lanarkshire	142,274	151,560	157,080	152,625	151,033	151,848	9,574

Appendix 2 LUTI Reference Case

Local Authority	Households						
	2007	2011	2016	2021	2026	2031	2007-2031
Falkirk	67,281	72,634	77,056	77,870	79,894	81,107	13,826
East Dunbartonshire	42,654	41,501	40,382	38,590	37,333	37,140	- 5,514
Renfrewshire	77,751	78,620	80,419	79,028	77,538	77,093	- 658
Inverclyde	36,581	38,273	39,667	40,026	40,447	40,794	4,213
West Dunbartonshire	41,311	43,924	46,741	47,530	48,112	48,450	7,138
Stirling	37,290	41,295	45,261	48,543	48,968	49,317	12,027
Clackmannanshire	22,301	24,206	26,365	26,341	26,972	27,173	4,872
Fife	157,905	168,277	170,750	173,154	176,582	180,024	22,118
Perth & Kinross	63,182	63,525	66,600	68,227	69,537	70,167	6,984
City of Dundee	68,336	69,390	66,958	65,328	64,470	64,088	- 4,248
Angus	49,562	49,853	52,624	55,049	55,609	55,341	5,779
Aberdeenshire	100,008	102,588	108,768	110,611	109,733	107,600	7,592
City of Aberdeen	102,268	107,093	107,651	108,975	112,070	115,650	13,382
Moray	38,449	38,173	39,312	40,357	40,943	41,001	2,552
Argyll & Bute	41,161	41,635	44,585	47,432	49,701	50,859	9,698
Highland	97,934	101,214	103,937	105,085	105,025	104,582	6,648
Eilean Siar	11,698	11,878	12,209	12,512	12,649	12,754	1,057
Orkney Islands	8,980	9,162	9,300	9,399	9,384	9,279	299
Shetland Islands	9,498	9,791	10,333	10,770	10,997	10,790	1,292
Total Scotland	2,310,832	2,395,831	2,488,807	2,558,336	2,603,812	2,627,653	316,821

A2.3 Household Activity Types

Household activities		2007	2011	2016	2021	2026	2031	2007-2031
1	Single adult younger (16-44), manual	143,776	153,882	158,834	159,557	157,956	154,967	11,190
2	Single adult younger (16-44), non-manual	124,430	135,311	143,695	148,185	150,053	150,130	25,700
3	Single adult older (45-74), manual	140,580	162,139	177,641	185,394	188,307	188,056	47,476
4	Single adult older (45-74), non-manual	105,824	130,905	151,227	163,981	171,673	175,786	69,962
5	Single adult retired, manual	231,812	226,535	237,421	251,548	263,293	271,447	39,635
6	Single adult retired, non-manual	90,282	117,397	151,191	179,831	202,599	220,093	129,811
7	Single adult parent (16-74, not retired, with children), manual	79,499	77,129	77,916	78,953	79,211	78,635	-864
8	Single adult parent (16-74, not retired, with children), non-manual	60,158	63,027	67,443	71,030	73,379	74,601	14,443
9	2 adults hhld younger (16-44), no children, manual	70,513	67,856	64,745	61,825	59,070	56,461	-14,051
10	2 adults hhld younger(16-44), no children, non-manual	105,812	101,465	96,358	91,573	87,078	82,844	-22,969
11	2 adults hhld older (45+), no children, manual	193,818	195,202	194,782	192,516	188,857	184,160	-9,658
12	2 adults hhld older (45+), no children, non-manual	146,291	151,276	155,176	157,033	157,296	156,306	10,015

Appendix 2 LUTI Reference Case

Household activities		2007	2011	2016	2021	2026	2031	2007-2031
13	2 adults hhd with children, manual	168,416	161,704	156,195	152,444	149,464	146,726	-21,690
14	2 adults hhd with children, non-manual	183,178	175,652	170,378	167,303	165,092	163,096	-20,082
15	Couple retired, manual	139,704	150,022	160,683	171,445	182,339	192,731	53,027
16	Couple retired, non-manual	39,360	48,142	62,988	80,656	99,382	117,807	78,447
17	3+ adults no children, manual	108,594	97,909	86,059	75,678	66,579	58,602	-49,992
18	3+ adults no children, non-manual	82,002	73,990	65,113	57,340	50,530	44,561	-37,441
19	3+ adults with children, manual	47,743	51,765	53,604	53,839	53,420	52,733	4,990
20	3+ adults with children, non-manual	49,039	54,523	57,359	58,205	58,233	57,910	8,870

A2.4 Employment Activities

Activity	Description	2007	2011	2016	2021	2026	2031	2007-2021
31	Agriculture, hunting and forestry Non-manual	103,680	106,071	111,328	115,605	117,136	118,036	11,926
32	Agriculture, hunting and forestry Manual	21,210	19,485	16,340	14,226	13,895	13,926	-6,984
33	Fishing Non-manual	2,523	2,312	1,999	1,802	1,825	1,894	-721
34	Fishing Manual	2,826	2,597	2,177	1,896	1,852	1,856	-931
35	Mining and quarrying Non-manual	13,619	12,532	10,603	9,320	9,191	9,298	-4,299
36	Mining and quarrying Manual	10,196	9,386	7,871	6,850	6,682	6,689	-3,346
37	Manufacturing Non-manual	115,568	103,578	84,717	72,702	71,181	71,771	-42,866
38	Manufacturing Manual	105,725	94,642	76,984	65,626	63,814	63,920	-40,098
39	Electricity, gas and water supply Non-manual	10,454	9,621	8,111	7,119	7,014	7,089	-3,335
40	Electricity, gas and water supply Manual	8,510	7,741	6,478	5,675	5,576	5,622	-2,834

Appendix 2 LUTI Reference Case

Activity	Description		2007	2011	2016	2021	2026	2031	2007-2021
41	Construction	Non-manual	84,512	84,479	85,535	86,579	87,480	88,348	2,067
42	Construction	Manual	76,328	76,245	76,515	76,735	76,865	77,018	408
43	Wholesale & retail trade, repairs - <i>RETAIL</i>	Manual and Non-manual	183,643	183,528	187,321	190,041	191,837	193,176	6,398
45	Wholesale & retail trade, repairs - <i>OTHER</i>	Non-manual	61,471	61,834	62,973	64,187	64,805	65,265	2,716
46	Wholesale & retail trade, repairs - <i>OTHER</i>	Manual	58,094	57,542	58,909	59,379	59,927	60,336	1,285
47	Hotels & restaurants	Manual and Non-manual	112,154	112,063	114,385	116,032	117,128	117,945	3,877
48	Transport, storage & communications	Non-manual	90,234	91,561	93,978	95,938	96,970	97,783	5,703
49	Transport, storage & communications	Manual	70,310	70,943	72,424	73,489	73,908	74,207	3,179
50	Intermediaries – FINANCIAL MANAGENT	Manual and Non-manual	13,316	13,939	15,060	15,931	16,147	16,221	2,615
51	Intermed. – LOCAL FINANCIAL SERVICES	Manual and Non-manual	108,626	113,596	122,760	129,829	131,557	132,182	21,203
52	Real estate, renting & business activities	Manual and Non-manual	295,775	309,117	334,103	353,293	357,933	359,669	57,518
53	Public administration, defence, social security	Non-Manual	103,680	106,071	111,328	115,605	117,136	118,036	11,926
54	Public administration, defence, social security	Manual	72,678	74,138	77,246	79,746	80,429	80,672	7,068
55	Education	Manual and Non-manual	183,288	187,283	195,958	202,987	205,273	206,448	19,699
56	Health	Manual and Non-manual	312,773	319,595	334,414	346,419	350,329	352,344	33,646
57	Other	Non-manual	71,344	72,127	73,264	74,249	74,852	75,354	2,905
58	Other	Manual	52,899	52,613	53,312	54,023	54,742	55,324	1,124

A2.5 Employment levels by Local Authority

Local Authority	Employment						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	64,696	64,558	65,381	66,501	67,142	67,190	2,493
Scottish Borders	43,922	43,645	42,121	41,105	41,301	41,458	- 2,464
East Lothian	28,577	27,482	27,216	26,619	25,493	25,140	- 3,437
Midlothian	27,817	40,853	42,632	43,480	43,439	43,576	15,759
City of Edinburgh	273,513	267,614	277,928	288,308	295,647	300,290	26,777
West Lothian	76,672	76,433	76,200	76,410	77,114	77,715	1,043
South Lanarkshire	121,417	117,766	118,902	119,083	117,529	117,181	- 4,237
East Ayrshire	40,740	40,230	39,785	39,491	39,083	38,020	- 2,719
South Ayrshire	47,219	47,448	46,857	45,584	44,684	44,781	- 2,438
North Ayrshire	47,293	46,896	45,812	44,584	43,840	43,399	- 3,895
East Renfrewshire	20,646	26,861	27,034	27,611	26,971	26,911	6,264
City of Glasgow	344,560	350,092	364,524	378,558	387,343	392,459	47,899
North Lanarkshire	119,483	121,866	125,167	129,129	129,146	129,104	9,620
Falkirk	60,897	60,861	61,908	63,546	64,817	65,570	4,673
East Dunbartonshire	26,146	24,546	24,993	25,475	25,456	25,739	- 407
Renfrewshire	71,223	65,051	65,989	67,454	69,998	71,828	605
Inverclyde	36,198	36,326	37,103	38,479	40,109	40,982	4,785
West Dunbartonshire	28,566	27,849	28,767	29,486	30,242	30,658	2,092
Stirling	48,821	51,513	52,129	52,466	51,946	51,665	2,844
Clackmannanshire	15,722	13,909	14,096	14,067	13,787	13,611	- 2,111
Fife	142,829	143,009	143,129	143,281	144,254	144,748	1,918
Perth & Kinross	53,720	53,270	52,702	51,760	50,955	50,510	- 3,210

Appendix 2 LUTI Reference Case

Local Authority	Employment						
	2007	2011	2016	2021	2026	2031	2007-2031
City of Dundee	64,194	63,059	63,231	64,721	67,091	68,744	4,549
Angus	35,137	35,003	34,787	34,468	34,187	34,043	- 1,094
Aberdeenshire	75,725	85,448	86,843	85,812	84,027	83,629	7,904
City of Aberdeen	144,460	133,254	132,474	134,554	137,411	139,696	- 4,763
Moray	32,122	31,701	31,378	30,799	30,288	30,020	- 2,102
Argyll & Bute	41,707	41,698	41,819	41,530	40,998	40,758	- 949
Highland	94,973	95,263	96,156	95,995	94,949	94,526	- 447
Eilean Siar	10,099	10,152	10,196	10,208	10,194	10,203	103
Orkney Islands	9,458	9,649	9,747	9,770	9,750	9,688	230
Shetland Islands	12,559	12,994	13,095	13,171	13,158	13,084	525
Total Scotland	2,261,110	2,266,303	2,300,101	2,333,505	2,352,351	2,366,923	105,813

A2.6 Residential Floorspace 2007-2031 ('000 sq metres)

Local Authority	Residential Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	7,542	7,542	7,720	8,156	8,486	8,538	996
Scottish Borders	5,477	5,477	5,567	5,753	6,172	6,521	1,044
East Lothian	4,199	4,199	4,385	4,482	4,588	4,747	547
Midlothian	3,524	3,524	3,905	4,079	4,151	4,197	673
City of Edinburgh	17,813	17,813	18,407	19,164	19,721	19,848	2,035
West Lothian	7,318	7,318	8,585	10,007	10,864	11,223	3,905
South Lanarkshire	13,219	13,219	13,519	14,617	14,664	14,741	1,522
East Ayrshire	5,344	5,344	5,430	5,706	5,922	6,052	708
South Ayrshire	5,248	5,248	5,298	5,513	5,698	5,862	613
North Ayrshire	6,157	6,157	6,249	6,308	6,427	6,707	550
East Renfrewshire	3,806	3,806	3,821	3,822	3,825	3,832	26
City of Glasgow	21,870	21,416	21,463	22,533	23,575	23,873	2,004
North Lanarkshire	13,377	13,377	13,513	13,523	13,523	13,526	149
Falkirk	6,571	6,571	6,803	7,062	7,293	7,317	747
East Dunbartonshire	4,692	4,692	4,711	4,717	4,733	4,777	85
Renfrewshire	7,000	7,000	7,055	7,056	7,057	7,057	57
Inverclyde	3,205	3,205	3,233	3,241	3,241	3,241	36
West Dunbartonshire	3,568	3,568	3,630	3,657	3,693	3,701	133
Stirling	3,943	3,943	4,044	4,310	4,312	4,312	369
Clackmannanshire	2,204	2,201	2,338	2,393	2,440	2,440	235
Fife	16,163	16,163	16,389	16,675	16,982	17,327	1,165
Perth & Kinross	6,806	6,806	6,851	6,878	6,949	7,093	287
City of Dundee	5,958	5,958	6,008	6,026	6,056	6,088	131
Angus	5,249	5,249	5,270	5,411	5,427	5,448	199
Aberdeenshire	11,646	11,646	11,765	11,950	12,208	12,727	1,080
City of Aberdeen	8,782	8,782	8,923	9,071	9,490	10,163	1,381
Moray	4,322	4,322	4,338	4,347	4,402	4,552	230
Argyll & Bute	4,026	4,026	4,113	4,334	4,577	4,817	792
Highland	11,448	11,448	11,639	11,734	11,946	12,625	1,177
Eilean Siar	1,535	1,535	1,537	1,538	1,546	1,582	48
Orkney Islands	1,128	1,128	1,130	1,131	1,133	1,142	15
Shetland Islands	1,173	1,173	1,179	1,239	1,273	1,286	113
Total Scotland	224,315	223,857	228,817	236,433	242,374	247,365	23,051

A2.7 Retail Floorspace 2007-2031 ('000 square metres)

Local Authority	Retail Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	95	106	104	104	105	106	10
Scottish Borders	77	81	79	78	77	76	- 1
East Lothian	68	88	86	85	83	82	14
Midlothian	56	61	66	64	62	61	5
City of Edinburgh	551	608	670	719	759	778	227
West Lothian	151	183	180	176	187	188	37
South Lanarkshire	216	229	227	222	217	214	- 2
East Ayrshire	63	74	71	69	66	64	1
South Ayrshire	81	99	98	97	97	99	17
North Ayrshire	87	87	85	82	80	79	- 8
East Renfrewshire	42	82	86	84	83	83	41
City of Glasgow	651	751	748	729	715	707	55
North Lanarkshire	369	467	470	462	457	457	88
Falkirk	110	154	152	147	146	155	45
East Dunbartonshire	55	93	96	94	94	95	40
Renfrewshire	134	160	162	159	157	158	24
Inverclyde	66	69	67	68	72	72	7
West Dunbartonshire	56	70	72	70	69	69	14
Stirling	103	119	115	112	110	112	9
Clackmannanshire	30	30	30	29	28	29	- 2
Fife	189	267	259	254	255	254	64
Perth & Kinross	188	189	185	180	175	171	- 17
City of Dundee	172	227	222	217	212	208	36
Angus	63	64	63	62	61	61	- 2
Aberdeenshire	110	120	117	114	112	110	- 0
City of Aberdeen	335	496	490	482	475	469	134
Moray	49	49	47	46	46	46	- 3
Argyll & Bute	45	45	44	44	44	43	- 2
Highland	156	203	202	199	197	196	41
Eilean Siar	11	11	10	10	10	10	- 0
Orkney Islands	10	10	10	10	10	10	- 0
Shetland Islands	13	13	12	12	12	12	- 0
Total Scotland	4,402	5,305	5,325	5,279	5,276	5,273	871

A2.8 Office Floorspace 2007-2031 ('000 square metres)

Local Authority	Office Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	441	544	564	587	587	593	152
Scottish Borders	311	312	312	308	304	305	- 7
East Lothian	197	198	191	184	178	172	- 25
Midlothian	205	527	563	559	555	555	349
City of Edinburgh	3,262	3,640	3,973	4,105	4,236	4,319	1,057
West Lothian	1,016	1,439	1,417	1,398	1,392	1,377	360
South Lanarkshire	1,281	1,646	1,645	1,627	1,611	1,605	324
East Ayrshire	297	305	296	287	278	270	- 26
South Ayrshire	377	391	387	384	386	392	14
North Ayrshire	376	387	376	365	355	345	- 31
East Renfrewshire	169	349	348	344	345	348	180
City of Glasgow	3,422	4,435	4,518	4,496	4,684	4,763	1,341
North Lanarkshire	1,736	2,714	2,683	2,653	2,628	2,607	871
Falkirk	462	505	490	481	493	487	25
East Dunbartonshire	283	321	315	308	319	326	43
Renfrewshire	662	760	752	742	810	854	192
Inverclyde	278	292	308	317	335	338	60
West Dunbartonshire	255	312	319	313	324	337	81
Stirling	344	642	637	628	622	619	275
Clackmannanshire	106	109	105	102	98	95	- 11
Fife	1,056	1,075	1,102	1,093	1,098	1,144	87
Perth & Kinross	503	518	504	489	475	463	- 40
City of Dundee	723	933	915	897	881	865	142
Angus	308	475	466	457	448	440	132
Aberdeenshire	709	1,211	1,193	1,177	1,162	1,148	439
City of Aberdeen	1,571	1,751	1,716	1,681	1,648	1,621	50
Moray	289	420	411	402	393	386	97
Argyll & Bute	308	568	579	576	572	572	264
Highland	697	752	736	742	739	743	46
Eilean Siar	75	78	77	78	79	79	4
Orkney Islands	74	149	147	145	143	141	67
Shetland Islands	84	91	96	97	102	106	22
Total Scotland	21,879	27,846	28,139	28,021	28,280	28,415	6,537

A2.9 Industrial Floorspace 2007-2031 ('000 sq metres)

Local Authority	Office Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	629	732	708	686	669	658	29
Scottish Borders	485	565	546	527	510	501	15
East Lothian	235	361	351	341	332	324	88
Midlothian	234	426	422	412	403	394	160
City of Edinburgh	1,364	1,392	1,367	1,339	1,318	1,303	- 62
West Lothian	1,071	1,470	1,438	1,408	1,379	1,351	280
South Lanarkshire	1,262	1,462	1,424	1,383	1,344	1,307	45
East Ayrshire	426	432	413	395	378	361	- 65
South Ayrshire	478	501	486	474	465	458	- 20
North Ayrshire	493	512	489	467	447	427	- 66
East Renfrewshire	163	341	336	330	325	320	157
City of Glasgow	1,944	2,049	2,112	2,089	2,074	2,064	120
North Lanarkshire	1,623	1,848	1,799	1,752	1,706	1,663	40
Falkirk	672	895	868	842	817	793	121
East Dunbartonshire	220	225	217	208	200	192	- 28
Renfrewshire	848	885	859	835	813	792	- 57
Inverclyde	294	301	295	286	278	270	- 24
West Dunbartonshire	253	278	270	260	251	244	- 9
Stirling	318	492	481	470	459	449	131
Clackmannanshire	152	184	178	171	165	159	7
Fife	1,270	1,280	1,224	1,169	1,118	1,069	- 201
Perth & Kinross	542	542	524	506	489	473	- 69
City of Dundee	589	663	640	617	596	576	- 13
Angus	395	550	533	518	503	489	95
Aberdeenshire	750	1,552	1,520	1,488	1,459	1,430	680
City of Aberdeen	956	1,024	995	968	943	919	- 37
Moray	436	489	472	455	439	423	- 13
Argyll & Bute	488	745	729	721	704	689	200
Highland	844	964	928	894	861	830	- 14
Eilean Siar	106	106	102	97	93	89	- 16
Orkney Islands	99	172	168	165	161	158	58
Shetland Islands	118	125	121	116	112	107	- 11
Total Scotland	19,760	23,566	23,013	22,390	21,809	21,283	1,523

A2.10 Leisure and Hotel Floorspace 2007-2031 ('000 sq metres)

Local Authority	Leisure Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	58	60	62	62	62	62	5
Scottish Borders	34	36	37	37	37	37	3
East Lothian	19	21	24	24	24	24	5
Midlothian	16	25	25	25	25	25	9
City of Edinburgh	209	390	432	433	435	436	228
West Lothian	49	72	74	74	74	74	25
South Lanarkshire	60	63	65	65	65	65	5
East Ayrshire	23	23	24	24	24	24	2
South Ayrshire	44	46	48	49	50	51	7
North Ayrshire	38	39	41	41	41	41	3
East Renfrewshire	13	14	15	15	15	15	1
City of Glasgow	252	264	274	274	274	274	22
North Lanarkshire	59	62	64	64	64	64	5
Falkirk	48	73	82	82	82	82	34
East Dunbartonshire	14	15	16	16	16	16	1
Renfrewshire	48	50	52	53	53	54	6
Inverclyde	20	26	27	27	27	27	7
West Dunbartonshire	22	30	42	42	42	42	21
Stirling	43	46	48	48	48	48	5
Clackmannanshire	9	11	12	12	12	12	3
Fife	95	315	325	325	325	325	230
Perth & Kinross	426	449	464	464	464	464	38

Appendix 2 LUTI Reference Case

Local Authority	Leisure Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
City of Dundee	47	63	70	70	70	70	23
Angus	29	30	31	31	31	31	2
Aberdeenshire	58	60	62	62	62	62	4
City of Aberdeen	108	135	188	188	189	189	81
Moray	26	27	28	28	28	28	2
Argyll & Bute	50	193	249	249	249	249	199
Highland	135	174	220	220	220	220	85
Eilean Siar	9	9	10	10	10	10	1
Orkney Islands	7	7	8	8	8	8	1
Shetland Islands	9	9	9	9	9	9	1
Total Scotland	2,078	2,837	3,129	3,131	3,134	3,138	1,060

A2.11 Education Floorspace 2007-2031 ('000 sq metres)

Local Authority	Education Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	60	60	62	62	62	62	2
Scottish Borders	41	41	41	41	41	41	-
East Lothian	31	36	38	38	38	38	8
Midlothian	40	67	75	75	75	75	35
City of Edinburgh	352	398	524	594	646	646	295
West Lothian	66	78	79	80	80	80	14
South Lanarkshire	106	106	106	106	106	106	-
East Ayrshire	38	38	38	38	38	38	-
South Ayrshire	43	43	43	43	43	43	-

Appendix 2 LUTI Reference Case

Local Authority	Education Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
North Ayrshire	46	46	46	46	46	46	-
East Renfrewshire	30	30	30	30	30	30	-
City of Glasgow	434	467	468	468	468	468	33
North Lanarkshire	105	105	105	105	105	105	-
Falkirk	51	58	58	58	58	58	7
East Dunbartonshire	39	39	39	39	39	39	-
Renfrewshire	83	84	84	84	84	84	1
Inverclyde	36	37	36	36	36	36	0
West Dunbartonshire	35	37	41	41	41	41	7
Stirling	54	58	59	59	59	59	5
Clackmannanshire	23	29	29	29	29	29	6
Fife	160	208	219	222	222	222	61
Perth & Kinross	60	66	66	66	66	66	6
City of Dundee	122	159	159	159	159	159	37
Angus	39	41	41	41	41	41	2
Aberdeenshire	86	86	86	86	86	86	-
City of Aberdeen	143	154	154	154	154	154	11
Moray	39	39	39	39	39	39	-
Argyll & Bute	34	37	37	37	37	37	3
Highland	106	104	104	104	104	104	- 3
Eilean Siar	14	14	14	14	14	14	-
Orkney Islands	10	10	10	10	10	10	-
Shetland Islands	13	13	13	13	13	13	-
Total Scotland	2,540	2,787	2,944	3,017	3,069	3,069	529

A2.12 Health Floorspace 2007-2031 ('000 square metres)

Local Authority	Education Floorspace ('000 sq m)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	126	126	126	126	126	126	-
Scottish Borders	89	89	89	89	89	89	-
East Lothian	53	53	53	53	53	53	-
Midlothian	48	51	51	51	51	51	4
City of Edinburgh	537	537	537	537	537	537	-
West Lothian	108	114	115	115	115	115	7
South Lanarkshire	200	200	200	200	200	200	-
East Ayrshire	97	97	97	97	97	97	-
South Ayrshire	97	97	97	97	97	97	-
North Ayrshire	74	74	74	74	74	74	-
East Renfrewshire	38	38	38	38	38	38	-
City of Glasgow	650	702	702	702	702	702	53
North Lanarkshire	190	190	190	190	190	190	-
Falkirk	111	191	183	183	183	183	72
East Dunbartonshire	55	55	55	55	55	55	-
Renfrewshire	142	142	142	142	142	142	-
Inverclyde	79	79	79	79	79	79	-
West Dunbartonshire	60	61	62	62	62	62	2
Stirling	81	87	87	87	87	87	6
Clackmannanshire	23	32	32	32	32	32	9
Fife	249	267	301	301	301	301	52
Perth & Kinross	118	226	279	279	279	279	161
City of Dundee	165	165	165	165	165	165	-
Angus	91	91	91	91	91	91	-
Aberdeenshire	128	128	128	128	128	128	-
City of Aberdeen	235	235	235	235	235	235	-
Moray	59	59	59	59	59	59	-
Argyll & Bute	66	68	68	68	68	68	2
Highland	179	179	179	179	179	179	-
Eilean Siar	25	25	25	25	25	25	-
Orkney Islands	16	16	16	16	16	16	-
Shetland Islands	20	20	20	20	20	20	-
Total Scotland	4,211	4,497	4,578	4,578	4,578	4,578	367

A2.13 Residential Floorspace Occupancy rate

Local Authority	Residential Floorspace (% occupied)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	0.96	0.98	0.99	0.99	0.99	1.00	0.04
Scottish Borders	0.93	0.96	0.97	0.98	0.98	0.98	0.05
East Lothian	0.97	0.98	0.99	0.98	0.98	0.99	0.02
Midlothian	0.97	1.00	0.99	0.98	0.98	0.99	0.02
City of Edinburgh	0.97	0.97	0.97	0.97	0.98	0.99	0.02
West Lothian	0.98	0.99	0.98	0.98	0.99	1.00	0.01
South Lanarkshire	0.98	0.99	0.99	0.99	1.00	1.00	0.02
East Ayrshire	0.96	0.99	0.99	0.99	0.99	1.00	0.04
South Ayrshire	0.98	0.98	0.99	0.99	0.99	0.99	0.02
North Ayrshire	0.97	0.98	0.99	0.99	0.99	0.99	0.03
East Renfrewshire	0.98	0.98	0.98	0.97	0.98	0.98	0.00
City of Glasgow	0.96	0.98	0.99	0.99	0.99	1.00	0.04
North Lanarkshire	0.98	0.99	1.00	0.99	1.00	1.00	0.02
Falkirk	0.97	1.00	0.99	0.99	1.00	1.00	0.03
East Dunbartonshire	0.98	0.98	0.98	0.98	0.98	0.99	0.00
Renfrewshire	0.97	0.98	0.98	0.99	0.99	0.99	0.02
Inverclyde	0.97	0.98	0.99	0.99	0.99	1.00	0.02
West Dunbartonshire	0.96	0.98	0.99	1.00	1.00	1.00	0.04
Stirling	0.97	0.99	0.99	0.99	0.99	1.00	0.02
Clackmannanshire	0.98	0.99	0.99	0.99	1.00	1.00	0.02
Fife	0.97	0.99	0.99	0.99	0.99	1.00	0.03
Perth & Kinross	0.96	0.97	0.98	0.98	0.99	0.99	0.03
City of Dundee	0.97	0.97	0.97	0.98	0.98	0.99	0.02
Angus	0.95	0.96	0.97	0.98	0.99	0.99	0.03
Aberdeenshire	0.95	0.96	0.97	0.98	0.98	0.98	0.02
City of Aberdeen	0.95	0.96	0.96	0.97	0.97	0.98	0.03
Moray	0.95	0.95	0.97	0.98	0.98	0.98	0.04
Argyll & Bute	0.98	0.98	0.99	0.99	0.99	0.99	0.02
Highland	0.95	0.97	0.98	0.98	0.99	0.98	0.03
Eilean Siar	0.91	0.92	0.93	0.94	0.95	0.96	0.04
Orkney Islands	0.93	0.95	0.96	0.97	0.97	0.98	0.04
Shetland Islands	0.95	0.97	0.98	0.98	0.99	0.99	0.04
Total	0.96	0.98	0.98	0.98	0.99	0.99	0.03

A2.14 Retail Floorspace Occupancy rate

Local Authority	Retail Floorspace (% occupied)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	0.98	0.98	0.98	0.99	0.99	0.99	0.01
Scottish Borders	0.90	0.93	0.94	0.95	0.96	0.98	0.08
East Lothian	0.80	0.85	0.81	0.76	0.74	0.76	-0.04
Midlothian	0.94	0.83	0.92	0.93	0.90	0.97	0.03
City of Edinburgh	0.92	0.94	0.95	0.96	0.97	0.97	0.05
West Lothian	0.96	0.96	0.98	0.98	0.98	0.99	0.03
South Lanarkshire	0.99	0.96	0.99	0.99	0.99	0.99	0.00
East Ayrshire	0.99	0.93	0.98	0.99	0.97	0.98	-0.01
South Ayrshire	0.96	0.90	0.95	0.96	0.93	0.93	-0.03
North Ayrshire	0.87	0.93	0.94	0.95	0.95	0.96	0.09
East Renfrewshire	0.99	0.88	0.94	0.97	0.96	0.96	-0.03
City of Glasgow	0.93	0.91	0.95	0.97	0.97	0.98	0.04
North Lanarkshire	0.68	0.58	0.62	0.67	0.68	0.70	0.02
Falkirk	0.97	0.87	0.95	0.99	0.98	0.98	0.01
East Dunbartonshire	0.96	0.89	0.95	0.96	0.96	0.96	0.00
Renfrewshire	0.87	0.85	0.90	0.92	0.94	0.94	0.07
Inverclyde	0.87	0.96	0.96	0.97	0.98	0.99	0.12
West Dunbartonshire	0.98	0.92	0.98	0.99	0.98	0.99	0.01
Stirling	0.97	0.96	0.99	0.99	0.99	1.00	0.03
Clackmannanshire	0.89	0.95	0.99	0.99	0.99	1.00	0.11
Fife	0.99	0.92	0.95	0.99	0.98	0.97	-0.01
Perth & Kinross	0.79	0.79	0.82	0.86	0.86	0.87	0.08
City of Dundee	0.79	0.68	0.74	0.77	0.80	0.83	0.04
Angus	0.95	0.96	0.98	0.99	0.98	1.00	0.05
Aberdeenshire	0.97	0.92	0.97	0.99	0.98	0.99	0.02
City of Aberdeen	0.83	0.68	0.73	0.77	0.79	0.81	-0.01
Moray	0.93	0.98	0.98	0.99	0.99	1.00	0.07
Argyll & Bute	0.98	0.97	0.98	0.98	0.98	0.99	0.02
Highland	0.93	0.90	0.96	0.98	0.98	0.98	0.05
Eilean Siar	0.95	0.99	0.97	0.99	0.99	1.00	0.05
Orkney Islands	0.99	0.99	0.97	0.99	0.98	0.99	0.00
Shetland Islands	0.99	0.98	0.99	0.99	0.98	0.99	0.00
Total	0.90	0.85	0.89	0.91	0.92	0.93	0.03

A2.15 Office Floorspace Occupancy Rate

Local Authority	Office Floorspace (% occupied)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	0.96	0.97	0.98	0.99	0.99	0.99	0.03
Scottish Borders	0.98	0.99	0.99	0.99	0.99	1.00	0.01
East Lothian	0.99	0.94	0.99	0.99	0.99	0.99	0.00
Midlothian	0.97	0.91	0.95	0.96	0.97	0.97	0.00
City of Edinburgh	0.97	0.95	0.99	0.99	0.99	0.99	0.03
West Lothian	0.86	0.81	0.88	0.89	0.91	0.91	0.06
South Lanarkshire	0.91	0.88	0.93	0.94	0.94	0.95	0.04
East Ayrshire	0.97	0.99	0.99	0.99	0.99	0.99	0.02
South Ayrshire	0.96	0.99	0.99	0.99	0.98	0.99	0.03
North Ayrshire	0.97	0.99	0.99	0.99	0.99	0.99	0.01
East Renfrewshire	0.98	0.89	0.94	0.96	0.93	0.95	-0.03
City of Glasgow	0.97	0.96	0.99	1.00	0.99	1.00	0.03
North Lanarkshire	0.82	0.72	0.79	0.83	0.83	0.83	0.01
Falkirk	0.99	0.96	0.99	0.99	0.99	0.99	0.01
East Dunbartonshire	0.93	0.89	0.96	0.98	0.96	0.97	0.05
Renfrewshire	0.95	0.92	0.98	0.99	0.98	0.99	0.04
Inverclyde	0.99	0.99	0.99	0.99	0.99	1.00	0.00
West Dunbartonshire	0.96	0.92	0.97	0.98	0.98	0.98	0.02
Stirling	0.98	0.84	0.91	0.93	0.93	0.93	-0.05
Clackmannanshire	0.99	0.88	0.98	0.99	0.99	0.98	-0.01
Fife	0.99	0.99	0.99	0.99	0.99	1.00	0.01
Perth & Kinross	0.94	0.96	0.98	0.99	0.99	0.99	0.06
City of Dundee	0.87	0.84	0.91	0.94	0.97	0.98	0.11
Angus	0.93	0.83	0.91	0.92	0.92	0.92	-0.01
Aberdeenshire	0.92	0.84	0.92	0.93	0.93	0.94	0.02
City of Aberdeen	0.95	0.91	0.96	0.98	0.99	1.00	0.05
Moray	0.94	0.90	1.00	0.99	0.98	0.98	0.04
Argyll & Bute	0.99	0.72	0.83	0.82	0.81	0.81	-0.18
Highland	0.98	0.98	0.99	0.99	0.99	0.99	0.01
Eilean Siar	0.97	0.99	0.99	0.99	0.99	0.99	0.03
Orkney Islands	0.96	0.88	0.98	1.00	0.99	0.98	0.02
Shetland Islands	0.99	0.96	0.99	0.99	0.98	0.99	0.00
Total	0.94	0.90	0.94	0.96	0.96	0.96	0.02

A2.16 Industrial Floorspace Occupancy rate

Local Authority	Industrial Floorspace (% occupied)						
	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	0.80	0.82	0.88	0.91	0.94	0.96	0.15
Scottish Borders	0.75	0.73	0.75	0.76	0.79	0.82	0.06
East Lothian	0.82	0.77	0.83	0.85	0.86	0.89	0.06
Midlothian	0.84	0.78	0.86	0.89	0.91	0.93	0.09
City of Edinburgh	0.86	0.82	0.89	0.91	0.94	0.97	0.11
West Lothian	0.68	0.56	0.57	0.58	0.60	0.62	-0.06
South Lanarkshire	0.79	0.80	0.85	0.87	0.90	0.93	0.14
East Ayrshire	0.77	0.78	0.82	0.86	0.90	0.94	0.17
South Ayrshire	0.75	0.77	0.78	0.77	0.77	0.79	0.04
North Ayrshire	0.78	0.78	0.81	0.82	0.86	0.90	0.11
East Renfrewshire	0.77	0.80	0.81	0.81	0.81	0.83	0.06
City of Glasgow	0.85	0.86	0.91	0.94	0.97	0.98	0.13
North Lanarkshire	0.74	0.73	0.76	0.79	0.82	0.84	0.10
Falkirk	0.79	0.62	0.65	0.68	0.71	0.74	-0.04
East Dunbartonshire	0.76	0.73	0.76	0.79	0.82	0.85	0.10
Renfrewshire	0.73	0.69	0.71	0.72	0.74	0.76	0.04
Inverclyde	0.81	0.84	0.87	0.91	0.95	0.98	0.17
West Dunbartonshire	0.79	0.79	0.84	0.88	0.92	0.95	0.16
Stirling	0.86	0.67	0.70	0.72	0.74	0.75	-0.10
Clackmannanshire	0.81	0.65	0.74	0.77	0.79	0.82	0.01
Fife	0.83	0.83	0.87	0.90	0.95	0.99	0.16
Perth & Kinross	0.70	0.69	0.70	0.71	0.73	0.75	0.05
City of Dundee	0.73	0.66	0.67	0.69	0.74	0.78	0.05
Angus	0.77	0.60	0.62	0.62	0.63	0.65	-0.12
Aberdeenshire	0.78	0.53	0.55	0.56	0.56	0.56	-0.22
City of Aberdeen	0.77	0.56	0.59	0.62	0.67	0.72	-0.05
Moray	0.77	0.72	0.76	0.78	0.80	0.82	0.05
Argyll & Bute	0.81	0.57	0.60	0.61	0.62	0.63	-0.17
Highland	0.77	0.71	0.74	0.77	0.80	0.83	0.06
Eilean Siar	0.77	0.80	0.86	0.90	0.93	0.96	0.19
Orkney Islands	0.78	0.52	0.55	0.58	0.59	0.60	-0.17
Shetland Islands	0.83	0.85	0.90	0.95	0.98	1.00	0.17
Total	0.78	0.72	0.75	0.77	0.80	0.82	0.04

Appendix 2 LUTI Reference Case

Local Authorities	2007	2011	2016	2021	2026	2031	2007-2031
	11,570	10,904	10,711	10,190	9,382	8,503	
Aberdeenshire	15,832	15,639	15,828	15,377	14,472	13,272	- 2,560
City of Aberdeen	32,932	33,078	29,948	26,593	24,177	21,766	- 11,166
Moray	8,303	7,754	7,207	6,716	6,235	5,703	- 2,600
Argyll & Bute	9,740	9,101	8,736	8,330	7,855	7,196	- 2,544
Highland	21,611	20,456	18,425	16,486	14,900	13,443	- 8,168
Eilean Siar	3,079	2,834	2,532	2,280	2,075	1,882	- 1,197
Orkney Islands	1,671	1,535	1,398	1,287	1,193	1,096	- 575
Shetland Islands	1,643	1,636	1,643	1,592	1,521	1,395	- 247
Total No Car HHLDs Scotland	701,893	674,166	621,356	565,574	517,205	468,473	- 233,420

A2.18 Number of households with one car

Local Authorities	2007	2011	2016	2021	2026	2031	2007-2031
Dumfries & Galloway	32,953	36,505	40,464	43,790	45,944	46,739	13,786
Scottish Borders	24,573	27,641	30,347	32,209	34,289	35,047	10,475
East Lothian	19,600	21,325	23,741	23,748	23,827	24,688	5,088
Midlothian	15,830	18,625	23,108	23,955	24,055	24,335	8,505
City of Edinburgh	94,721	95,558	98,659	103,203	105,854	106,289	11,568
West Lothian	32,772	38,168	50,803	62,091	68,776	71,382	38,609
South Lanarkshire	60,568	66,030	73,495	84,354	88,040	91,667	31,100
East Ayrshire	23,781	26,898	29,945	33,175	35,417	36,243	12,462
South Ayrshire	23,776	24,969	26,304	27,718	28,572	29,058	5,282
North Ayrshire	27,232	29,777	31,704	32,772	33,664	34,640	7,408
East Renfrewshire	16,052	16,411	16,660	16,238	15,993	15,980	- 73

Appendix 2 LUTI Reference Case

Local Authorities	2007	2011	2016	2021	2026	2031	2007-2031
City of Glasgow	99,026	111,861	122,117	134,151	145,280	150,103	51,077
North Lanarkshire	63,197	70,672	76,684	76,689	77,805	79,792	16,595
Falkirk	30,882	35,231	38,860	40,423	42,656	44,209	13,327
East Dunbartonshire	19,774	19,973	20,053	19,686	19,412	19,594	- 180
Renfrewshire	33,229	35,049	37,885	39,197	39,947	40,947	7,718
Inverclyde	15,293	16,929	18,528	19,592	20,458	21,106	5,813
West Dunbartonshire	17,604	19,664	22,189	23,709	24,889	25,802	8,198
Stirling	16,724	19,613	22,251	24,790	25,544	26,225	9,501
Clackmannanshire	10,507	11,971	13,452	13,764	14,451	14,840	4,333
Fife	73,969	81,900	85,595	89,248	92,961	96,493	22,525
Perth & Kinross	29,161	30,509	33,606	35,765	37,322	38,305	9,144
City of Dundee	27,362	28,988	29,958	30,751	31,226	31,407	4,045
Angus	23,433	24,475	26,897	29,135	30,127	30,494	7,061
Aberdeenshire	46,085	49,126	54,035	56,228	56,760	56,320	10,235
City of Aberdeen	45,891	49,096	50,820	52,947	55,786	58,666	12,775
Moray	19,569	19,824	20,859	21,640	22,057	22,062	2,493
Argyll & Bute	19,801	20,856	23,381	25,612	27,240	28,069	8,268
Highland	48,487	51,777	54,506	55,805	56,076	55,808	7,321
Eilean Siar	5,643	5,916	6,290	6,568	6,699	6,765	1,123
Orkney Islands	4,353	4,613	4,794	4,884	4,892	4,840	487
Shetland Islands	4,426	4,695	5,033	5,282	5,414	5,336	910
Total No Car HHLDs Scotland	1,026,270	1,114,645	1,213,021	1,289,119	1,341,434	1,373,250	346,980

Appendix 2 LUTI Reference Case

Local Authorities	2007	2011	2016	2021	2026	2031	2007-2031
	10,850	11,767	13,285	15,357	17,375	19,349	
Angus	14,559	14,475	15,016	15,724	16,101	16,344	1,786
Aberdeenshire	38,091	37,824	38,905	39,006	38,501	38,008	83
City of Aberdeen	23,445	24,919	26,882	29,435	32,106	35,218	11,773
Moray	10,577	10,594	11,245	12,002	12,651	13,236	2,659
Argyll & Bute	11,619	11,678	12,469	13,490	14,606	15,594	3,974
Highland	27,836	28,981	31,006	32,795	34,049	35,330	7,494
Eilean Siar	2,976	3,128	3,387	3,664	3,874	4,107	1,131
Orkney Islands	2,957	3,014	3,108	3,228	3,300	3,343	387
Shetland Islands	3,429	3,460	3,658	3,896	4,063	4,058	629
Total No Car HHLDs Scotland	582,669	607,020	654,429	703,643	745,172	785,930	203,261

A2.20 Unused planning policy inputs in 2031

Local Authority	Outstanding planning policy inputs in 2031 (sq metres)			
	Residential	Retail	Office	Industrial
Dumfries & Galloway	-	1,843	26,791	161,368
Scottish Borders	201,111	6,903	9,903	389,464
East Lothian	9,372	7,023	29,574	93,292
Midlothian	11,656	20,643	266,637	134,228
City of Edinburgh	50,957	10,021	419,484	289,724
West Lothian	144,843	22,343	1,075,977	1,166,466
South Lanarkshire	33,532	59,263	961,939	700,025
East Ayrshire	75,942	14,433	67,973	195,953
South Ayrshire	331,614	14,565	75,264	228,156
North Ayrshire	392,100	15,754	71,633	281,054
East Renfrewshire	12,752	59,629	272,850	297,504
City of Glasgow	71,044	159,272	489,024	326,140

Appendix 2 LUTI Reference Case

Local Authority	Outstanding planning policy inputs in 2031 (sq metres)			
	Residential	Retail	Office	Industrial
North Lanarkshire	7,291	377,678	3,787,777	1,161,027
Falkirk	-	7,828	26,883	882,540
East Dunbartonshire	96,250	136,730	137,423	79,579
Renfrewshire	95	200,778	742,975	584,573
Inverclyde	-	8,016	5,689	61,714
West Dunbartonshire	22,679	115,185	432,749	254,326
Stirling	155	9,240	944,893	536,993
Clackmannanshire	-	2,508	22,026	432,248
Fife	192,586	35,723	1,151,256	4,158,988
Perth & Kinross	27,581	22,313	84,072	127,295
City of Dundee	37,629	21,788	583,621	507,449
Angus	8,522	4,669	128,369	179,108
Aberdeenshire	1,107,087	55,251	1,073,134	1,386,977
City of Aberdeen	510,805	44,395	916,354	544,376
Moray	396,745	3,439	1,147,870	653,298
Argyll & Bute	208,192	3,397	2,337,439	2,414,875
Highland	1,048,072	223,295	593,317	325,100
Eilean Siar	64,118	307	4,645	29,486
Orkney Islands	34,797	552	175,690	187,360
Shetland Islands	28,548	572	22,413	60,427
Total	5,126,075	1,665,353	18,085,642	18,831,114

A2.21 Production by Sector 2007 – 2031 Test JA (£ million)

Sector	2007	2011	2016	2021	2026	2031
101: Agriculture, Forestry and Fishing	3794.522	3995.183	4189.967	4580.854	5047.464	5557.188
102: Mining	6237.65	6779.898	7074.888	7777.966	8620.384	9547.566
103: Manufacturing	39698.08	41554.97	42566.1	45894.64	50437.72	55501.36
104: Energy and water	6237.65	6779.898	7074.888	7777.966	8620.384	9547.566
105: Construction	11019.08	11578.36	12404.12	13247.68	14482.77	15942.03
106: Distribution and catering	21981.27	25250.85	29938.56	34245.04	38148.59	42194.41
107: Transport and communications	13910.5	16609.03	19541.95	22490.91	24993.94	27568.67
108: Finance and business	38486.65	46496.91	56484.65	66665.16	74335.61	82133.34
109: Public Administration	34207.07	36125.61	39403.38	42479.78	46564.07	51308.58
110: Other Services	1117.99	1280.584	1433.25	1585.05	1760.787	1954.888

A2.22 Gross Value Added Test JA (£ million)

Sector	2007	2011	2016	2021	2026	2031
101: Agriculture, Forestry and Fishing	1173.24	1235.289	1295.522	1416.371	1560.651	1718.258
102: Mining	1461.674	1528.901	1604.199	1753.278	1929.535	2121.715
103: Manufacturing	12735.5	13331.27	13655.58	14723.66	16180.82	17805.23
104: Energy and water	2008.77	2183.368	2278.358	2504.797	2776.075	3074.669
105: Construction	4823.127	5067.862	5429.369	5798.561	6339.158	6977.906
106: Distribution and catering	12554.27	14421.66	17098.92	19558.37	21787.95	24098.74
107: Transport and communications	6169.508	7366.258	8667.098	9975	11085.03	12227.03
108: Finance and business	18241.13	22037.97	26771.79	31596.81	35233.17	38928.57
109: Public Administration	18073.85	19087.51	20819.52	22444.7	24602.69	27109.85
110: Other Services	892.2592	1022.022	1143.85	1265.004	1405.252	1560.177

A2.23 Capacity Test JA (£ million)

Sector	2007	2011	2016	2021	2026	2031
101: Agriculture, Forestry and Fishing	62,543	65,145	70,444	79,754	91,121	103,882
102: Mining	33,709	35,112	37,166	41,032	45,647	50,730
103: Manufacturing	322,705	335,330	345,384	374,881	414,825	459,494
104: Energy and water	25,646	26,713	28,079	30,927	34,373	38,166
105: Construction	196,004	204,173	220,689	237,885	262,331	291,044
106: Distribution and catering	507,755	550,860	649,711	751,485	837,479	926,551
107: Transport and communications	182,682	212,335	251,183	290,840	324,831	359,837
108: Finance and business	427,847	499,489	605,528	716,140	800,237	882,885
109: Public Administration	618,630	643,808	707,370	767,066	844,727	935,104
110: Other Services	129,975	141,452	158,701	175,530	193,991	214,543

Appendix 3 Planning Policy Base Year Data

A3.1 Residential Planning Policy Inputs (dwellings)

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demo-litions
	2008-2011	2011-15	2016-2020	2021-2025	2026-2030		2008-2030
Dumfries & Galloway	4,020	4,267	2,374	2,374	-	13,035	-
Scottish Borders	5,244	3,132	4,323	5,316	-	18,016	-
East Lothian	3,523	4,634	1,025	-	-	9,183	-
Midlothian	6,977	4,048	2,289	555	-	13,869	-
City of Edinburgh	10,677	10,595	10,033	5,072	-	36,376	-
West Lothian	8,187	21,181	12,404	6,597	-	48,369	-
South Lanarkshire	5,230	5,027	11,317	-	-	21,574	-
East Ayrshire	2,949	3,696	2,283	2,161	-	11,089	-
South Ayrshire	2,566	3,721	3,196	2,734	-	12,217	-
North Ayrshire	4,295	4,284	2,970	2,970	-	14,519	-
East Renfrewshire	1,090	384	-	-	-	1,475	-
City of Glasgow	17,537	15,429	21,405	5,665	-	60,036	13,905
North Lanarkshire	5,950	1,696	-	-	-	7,646	-
Falkirk	4,210	4,779	1,788	1,233	-	12,010	-
East Dunbartonshire	1,227	687	546	546	-	3,005	-
Renfrewshire	3,077	633	-	-	-	3,710	-
Inverclyde	1,217	414	-	-	-	1,631	-
West Dunbartonshire	2,631	1,280	576	-	-	4,487	-
Stirling	2,212	987	2,551	-	-	5,750	-
Clackmannanshire	1,259	1,421	580	435	-	3,695	116
Fife	9,383	6,291	4,563	3,587	-	23,824	-
Perth & Kinross	2,479	1,289	1,008	806	-	5,582	-
City of Dundee	3,539	1,736	356	-	-	5,631	-
Angus	2,296	1,701	290	6	-	4,293	-
Aberdeenshire	7,075	5,255	6,430	5,641	2,573	26,974	-
City of Aberdeen	1,862	6,329	6,280	6,000	4,800	25,271	-
Moray	1,636	1,777	2,445	1,758	-	7,616	-

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008-2011	2011-15	2016-2020	2021-2025		
Argyll & Bute	790	1,317	2,573	2,887	2,887	10,454	-
Highland	10,769	12,533	2,782	2,373	2,667	31,125	-
Eilean Siar	260	300	300	300	60	1,220	-
Orkney Islands	334	417	-	-	-	751	-
Shetland Islands	245	330	345	325	325	1,569	-
Total	134,74	131,57	107,03	59,342	13,312	446,004	14,021

A3.2 Retail Planning Policy Inputs ('000 square metres)

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008-2011	2011-15	2016-2020	2008-2030		
Dumfries & Galloway	10.8	-	-	-	-	10.8	18.0
Scottish Borders	4.5	-	-	-	-	4.5	11.7
East Lothian	20.0	-	-	-	-	20.0	8.0
Midlothian	4.8	20.0	-	-	-	24.8	8.6
City of Edinburgh	54.5	96.6	56.5	4.0	-	211.6	80.4
West Lothian	32.3	11.5	7.5	6.0	-	57.4	25.3
South Lanarkshire	13.3	20.0	16.7	3.3	-	53.4	38.2
East Ayrshire	11.1	3.0	-	-	-	14.1	12.3
South Ayrshire	17.0	-	-	-	-	17.0	14.7
North Ayrshire	-	7.0	-	-	-	7.0	12.5
East Renfrewshire	40.0	60.0	-	-	-	100.0	8.1
City of Glasgow	99.5	54.1	29.2	23.4	-	206.1	91.0
North Lanarkshire	97.6	146.4	122.0	97.6	-	463.6	38.6

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demositions
		2008-2011	2011-15	2016-2020	2008-2030		
Falkirk	43.3	7.0	-	-	-	50.3	19.6
East Dunbartonshire	37.2	55.8	46.5	37.2	-	176.7	10.6
Renfrewshire	24.0	67.7	56.4	56.4	11.3	215.8	19.4
Inverclyde	3.0	4.5	3.7	3.0	-	14.2	10.3
West Dunbartonshire	14.2	56.2	28.9	24.4	4.9	128.5	11.0
Stirling	15.6	-	-	-	-	15.6	16.8
Clackmannanshire	-	-	-	-	-	-	4.3
Fife	77.2	21.0	-	-	-	98.2	39.6
Perth & Kinross	1.2	0.6	-	-	-	1.8	23.3
City of Dundee	54.9	-	-	-	-	54.9	23.1
Angus	-	-	-	-	-	-	11.3
Aberdeenshire	9.1	13.7	11.4	11.4	6.8	52.5	23.3
City of Aberdeen	159.6	6.0	-	-	-	165.6	40.3
Moray	-	-	-	-	-	-	10.3
Argyll & Bute	-	-	-	-	-	-	9.6
Highland	47.4	86.7	125.2	2.8	-	262.1	29.2
Eilean Siar	-	-	-	-	-	-	2.2
Orkney Islands	-	-	-	-	-	-	-
Shetland Islands	-	-	-	-	-	-	-
Total	892.3	737.8	504.0	269.5	23.0	2,426.6	671.9

A3.3 Office Planning Policy Inputs

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008- 2011	2011-15	2016- 2020	2021- 2025		
Dumfries & Galloway	102.6	30.6	40.8	-	-	174.0	64.7
Scottish Borders	-	-	-	-	-	-	48.9
East Lothian	-	-	-	-	-	-	31.0
Midlothian	321.5	293.0	-	-	-	614.5	30.3
City of Edinburgh	325.4	750.9	247.0	35.0	-	1,358.3	382.3
West Lothian	422.2	459.7	301.0	240.8	-	1,423.8	99.4
South Lanarkshire	363.4	545.1	363.4	-	-	1,271.8	140.9
East Ayrshire	8.5	14.0	8.0	5.0	-	35.5	43.7
South Ayrshire	8.6	10.9	7.6	4.6	-	31.7	53.2
North Ayrshire	11.3	12.3	7.0	3.0	-	33.5	52.5
East Renfrewshire	180.0	269.9	-	-	-	449.9	22.9
City of Glasgow	973.7	590.3	177.3	17.2	3.4	1,762.0	400.4
North Lanarkshire	976.8	1,465.2	1,220.8	976.0	-	4,638.7	141.0
Falkirk	43.0	5.0	-	-	-	48.0	71.5
East Dunbartonshire	37.2	55.8	46.5	37.2	-	176.7	34.9
Renfrewshire	94.0	284.0	236.6	236.6	47.3	898.6	85.3
Inverclyde	13.5	20.2	16.9	13.5	-	64.0	41.1
West Dunbartonshire	56.1	204.7	121.9	109.7	21.9	514.4	36.4
Stirling	297.9	558.2	359.6	-	-	1,215.8	46.9
Clackmannanshire	2.5	6.0	-	-	-	8.5	16.7
Fife	17.6	324.9	891.5	-	-	1,234.0	165.8
Perth & Kinross	15.3	19.2	-	-	-	34.5	69.1
City of Dundee	209.9	294.0	117.5	94.0	-	715.4	81.3

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008-2011	2011-15	2016-2020	2021-2025		
Angus	166.8	88.0	-	-	-	254.8	42.1
Aberdeenshire	501.3	564.5	219.5	155.5	60.0	1,500.8	89.8
City of Aberdeen	175.0	668.0	71.5	-	-	914.6	190.2
Moray	130.4	391.2	326.0	326.0	65.2	1,238.9	42.2
Argyll & Bute	259.8	779.5	649.6	649.6	259.8	2,598.3	48.4
Highland	54.0	237.8	214.9	56.6	57.6	620.9	109.7
Eilean Siar	3.0	4.5	0.8	-	-	8.3	11.7
Orkney Islands	75.2	71.7	52.5	42.0	-	241.4	0.0
Shetland Islands	6.9	13.7	11.4	11.4	2.3	45.8	0.0
Total	5,853.4	9,032.8	5,709.5	3,013.8	517.6	24,127.	2694.6

A3.4 Industrial Planning Policy Inputs ('000 square metres)

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008-2011	2011-15	2016-2020	2021-2025		
Dumfries & Galloway	102.6	30.6	40.8	-	-	174.0	117.1
Scottish Borders	83.2	124.8	104.0	83.2	-	395.2	85.0
East Lothian	125.0	50.0	-	-	-	175.0	44.3
Midlothian	192.0	95.5	-	-	-	287.5	46.2
City of Edinburgh	21.7	76.4	-	50.0	-	148.0	194.0
West Lothian	422.2	459.7	301.0	240.8	-	1,423.8	140.7
South Lanarkshire	204.6	306.9	204.6	-	-	716.0	200.9
East Ayrshire	17.8	36.6	26.8	27.8	-	109.0	84.1
South Ayrshire	32.1	52.5	44.7	22.6	-	151.8	86.2

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demositions
		2008-2011	2011-15	2016-2020	2021-2025		
North Ayrshire	30.4	68.4	57.7	34.4	-	191.0	100.4
East Renfrewshire	180.0	269.9	-	-	-	449.9	26.4
City of Glasgow	102.9	215.3	101.8	-	-	420.0	293.5
North Lanarkshire	244.5	366.8	305.5	243.8	-	1,160.5	225.7
Falkirk	256.1	704.7	-	-	-	960.8	146.1
East Dunbartonshire	9.3	13.9	11.6	9.3	-	44.2	39.3
Renfrewshire	50.5	152.3	126.9	126.9	25.4	482.1	123.8
Inverclyde	6.7	10.1	8.4	6.7	-	32.0	48.4
West Dunbartonshire	25.8	88.7	58.7	54.9	11.0	239.0	46.1
Stirling	180.4	300.1	179.8	-	-	660.3	50.6
Clackmannanshire	34.0	342.9	56.0	-	-	432.9	29.9
Fife	29.6	437.9	3,435.5	-	-	3,903.0	254.3
Perth & Kinross	15.3	19.1	-	-	-	34.4	81.8
City of Dundee	91.7	228.8	81.3	65.0	-	466.7	103.6
Angus	166.8	88.0	-	-	-	254.8	71.3
Aberdeenshire	825.1	769.1	219.5	155.5	60.0	2,029.2	144.2
City of Aberdeen	86.2	329.0	35.2	-	-	450.5	140.1
Moray	65.2	195.6	163.0	163.0	32.6	619.4	78.1
Argyll & Bute	259.8	779.5	649.6	649.6	259.8	2,598.3	79.7
Highland	142.0	45.1	31.3	26.3	25.1	269.8	152.5
Eilean Siar	3.0	4.5	0.8	-	-	8.3	20.0
Orkney Islands	75.2	71.7	52.5	42.0	-	241.4	0.0
Shetland Islands	6.9	13.7	11.4	11.4	2.3	45.8	0.0
Total	4,088.5	6,748.	6,308.5	2,013.3	416.2	19,574.6	3253.9

A3.5 Leisure/Hotels Planning Policy Inputs (square metres)

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008- 2011	2011- 15	2016- 2020	2021- 2025		
Dumfries & Galloway	2.3	6.9	5.8	5.8	5.8	26.6	0
Scottish Borders	1.4	4.1	3.4	3.4	3.4	15.8	0
East Lothian	1.8	5.3	1.9	1.9	1.9	12.7	0
Midlothian	8.6	1.9	1.6	1.6	1.6	15.4	0
City of Edinburgh	169.4	63.9	20.6	20.6	20.6	295.3	0
West Lothian	23.0	5.9	4.9	4.9	4.9	43.6	0
South Lanarkshire	2.4	7.2	6.0	6.0	6.0	27.7	0
East Ayrshire	0.9	2.7	2.3	2.3	2.3	10.4	0
South Ayrshire	1.7	5.2	4.3	4.3	4.3	19.7	0
North Ayrshire	1.5	4.5	3.8	3.8	3.8	17.4	0
East Renfrewshire	0.5	1.6	1.3	1.3	1.3	6.2	0
City of Glasgow	11.8	30.7	25.2	25.2	25.2	118.2	0
North Lanarkshire	2.4	7.1	5.9	5.9	5.9	27.2	0
Falkirk	24.9	15.7	4.8	4.8	4.8	55.0	0
East Dunbartonshire	0.6	1.7	1.4	1.4	1.4	6.6	0
Renfrewshire	1.8	5.3	4.4	4.4	4.4	20.4	0
Inverclyde	6.8	2.3	2.0	2.0	2.0	15.0	2
West Dunbartonshire	8.0	45.7	9.3	2.2	2.2	67.4	0
Stirling	2.6	32.7	11.1	4.3	4.3	55.2	0
Clackmannanshire	2.7	1.1	0.9	0.9	0.9	6.4	0
Fife	219.9	32.8	7.7	7.7	7.7	275.7	0
Perth & Kinross	23.1	-	-	-	-	23.1	0
City of Dundee	15.6	-	-	-	-	15.6	0

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs	Endogenous Inputs				Total Inputs	Demos- litions
		2008- 2011	2011- 15	2016- 2020	2021- 2025		
Angus	1.2	-	-	-	-	1.2	0
Aberdeenshire	2.3	-	-	-	-	2.3	0
City of Aberdeen	26.0	-	-	-	-	26.0	0
Moray	1.0	-	-	-	-	1.0	0
Argyll & Bute	142.6	-	-	-	-	142.6	0
Highland	38.0	-	-	-	-	38.0	0
Eilean Siar	0.4	-	-	-	-	0.4	0
Orkney Islands	-	-	-	-	-	-	0
Shetland Islands	-	-	-	-	-	-	0
Total	745.4	284.4	128.7	114.8	114.8	1,388.1	2

A3.6 Education Planning Policy Inputs ('000 square metres)

Local Authority	Exogenous Inputs					Total Inputs	Demos- litions
	2008-10	2011- 15	2016- 2020	2021- 2025	2026- 2030		
Dumfries & Galloway	-	-	2.0	-	-	2.0	0
Scottish Borders	-	-	-	-	-	-	0
East Lothian	5.0	2.5	-	-	-	7.5	0
Midlothian	22.2	12.5	-	-	-	34.7	0
City of Edinburgh	46.6	106.1	80.0	50.0	12.0	294.7	0
West Lothian	9.6	3.7	0.5	0.2	-	14.1	0
South Lanarkshire	-	-	-	-	-	-	0
East Ayrshire	-	-	-	-	-	-	0
South Ayrshire	-	-	-	-	-	-	0

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs					Total Inputs	Demos- litions
	2008-10	2011-15	2016-2020	2021-2025	2026-2030		
North Ayrshire	-	-	-	-	-	-	0
East Renfrewshire	-	-	-	-	-	-	0
City of Glasgow	28.4	5.1	-	-	-	33.5	0.3
North Lanarkshire	-	-	-	-	-	-	0
Falkirk	6.5	-	-	-	-	6.5	0
East Dunbartonshire	-	-	-	-	-	-	0
Renfrewshire	0.6	-	-	-	-	0.6	0
Inverclyde	1.6	0.5	-	-	-	2.1	3.7
West Dunbartonshire	1.6	4.1	0.8	-	-	6.5	0
Stirling	2.7	1.8	-	-	-	4.5	0
Clackmannanshire	6.0	-	-	-	-	6.0	0
Fife	40.4	16.3	2.3	2.5	-	61.4	0
Perth & Kinross	5.5	-	-	-	-	5.5	0
City of Dundee	28.0	9.3	-	-	-	37.3	0
Angus	2.4	-	-	-	-	2.4	0
Aberdeenshire	-	-	-	-	-	-	0
City of Aberdeen	10.8	-	-	-	-	10.8	0
Moray	-	-	-	-	-	-	0
Argyll & Bute	3.0	-	-	-	-	3.0	0
Highland	-	-	-	-	-	-	6.4
Eilean Siar	-	-	-	-	-	-	0
Orkney Islands	-	-	-	-	-	-	0
Shetland Islands	-	-	-	-	-	-	0
Total	221.0	162.0	85.6	52.7	12.0	533.3	10.4

A3.7 Health Planning Policy Inputs ('000sq)

Local Authority	Exogenous Inputs					Total Inputs	Demos- litions
	2008-10	2011-15	2016-2020	2021-2025	2026-2030		
Dumfries & Galloway	-	-	-	-	-	-	0
Scottish Borders	-	-	-	-	-	-	0
East Lothian	-	-	-	-	-	-	0
Midlothian	3.5	-	-	-	-	3.5	0
City of Edinburgh	-	-	-	-	-	-	0
West Lothian	4.8	2.4	0.2	-	-	7.4	0
South Lanarkshire	-	-	-	-	-	-	0
East Ayrshire	-	-	-	-	-	-	0
South Ayrshire	-	-	-	-	-	-	0
North Ayrshire	-	-	-	-	-	-	0
East Renfrewshire	-	-	-	-	-	-	0
City of Glasgow	80.0	-	-	-	-	80.0	89.8
North Lanarkshire	-	-	-	-	-	-	0
Falkirk	80.0	-	-	-	-	80.0	25
East Dunbartonshire	-	-	-	-	-	-	0
Renfrewshire	-	-	-	-	-	-	0
Inverclyde	-	-	-	-	-	-	0
West Dunbartonshire	0.5	1.3	0.3	-	-	2.0	0
Stirling	4.4	1.5	-	-	-	5.8	0
Clackmannanshire	9.3	-	-	-	-	9.3	0
Fife	17.8	27.6	6.6	-	-	52.0	0
Perth & Kinross	54.7	106.0	-	-	-	160.7	0
City of Dundee	-	-	-	-	-	-	0

Appendix 3 Planning Policy Base Year Data

Local Authority	Exogenous Inputs					Total Inputs	Demos- litions
	2008-10	2011-15	2016-2020	2021-2025	2026-2030		
Angus	-	-	-	-	-	-	0
Aberdeenshire	-	-	-	-	-	-	0
City of Aberdeen	-	-	-	-	-	-	0
Moray	-	-	-	-	-	-	0
Argyll & Bute	2.0	-	-	-	-	2.0	0
Highland	-	-	-	-	-	-	0
Eilean Siar	-	-	-	-	-	-	0
Orkney Islands	-	-	-	-	-	-	0
Shetland Islands	-	-	-	-	-	-	0
Total	256.9	138.7	7.1	-	-	402.7	114.8

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