

Change in Travel Time, Distance at Sub-corridor level

Analysis		60938.605
24-Hour		59992.526
DofM4 - 1, NTEM DoMin 2041 with UDF		77226.363
DofM4 - 1, Transformational Scenario DoMin 2041		
AI		
Type		(veh)

DofM4 - UDF	Sector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Manchester urban area	1	1,363,339	3,605	1,276	556,215	12,223	1,618	41,906	41,726	2,327	903	204	6,892	1,994	71,035	4,543	10,008	1,965,415
Leeds urban area	2	3,665	660,605	2,935	7,913	296,892	13,155	3,515	3,816	11,103	2,401	1,169	2,282	26,976	2,627	6,327	8,518	1,853,898
Sheffield urban area	3	602	3,685	762,365	2,226	4,494	186,470	369	499	6,075	8,237	1,328	30,711	1,807	1,394	2,484	6,105	1,943,852
Manchester (outside M60 ring road)	4	460,792	8,350	2,308	2,916,741	38,603	4,531	163,455	88,478	7,246	2,107	725	25,366	5,541	163,120	10,079	37,883	3,964,376
West Yorkshire (outside Leeds)	5	10,764	327,413	11,060	38,219	3,306,056	100,657	26,633	7,390	27,695	10,022	5,306	7,572	99,071	7,138	24,178	24,291	4,833,462
South Yorkshire (outside Sheffield)	6	821	13,139	179,871	3,393	90,769	1,999,681	1,624	903	28,744	45,696	5,971	32,868	10,613	2,483	7,204	14,292	2,833,973
Leicestershire	7	36,613	2,685	691	171,043	23,204	2,449	2,660,346	90,074	2,404	843	312	1,637	12,489	27,000	34,968	18,789	3,995,347
Merseyside	8	35,136	3,593	518	82,646	6,672	1,181	62,162	2,091,925	2,807	695	187	1,360	1,848	183,962	3,980	44,744	2,546,498
Humberdale	9	2,116	10,064	5,768	5,769	24,817	35,589	2,313	2,885	7,070	50,502	2,454	35,997	2,729	20,789	10,306		2,916,204
Nottinghamshire	10	707	3,272	8,302	1,980	6,972	80,807	505	477	7,638	1,802,262	38,546	159,122	2,272	8,092	4,436	96,517	2,193,807
Lincolnshire	11	62	1,383	1,245	427	4,274	6,630	144	144	52,474	38,379	979,079	4,098	1,054	982	1,475	99,880	1,191,712
Derbyshire	12	7,716	3,871	53,447	41,887	8,954	43,939	2,103	2,197	4,169	161,460	4,448	1,660,388	2,223	51,345	4,569	110,825	2,143,091
North Yorkshire	13	2,069	29,024	1,643	6,155	100,887	11,589	14,928	2,102	41,049	2,377	1,237	1,254	761,363	2,082	48,976	5,510	1,628,176
Cheshire, Shropshire, etc	14	71,995	3,330	1,166	161,514	10,087	3,358	31,273	210,345	3,456	8,258	1,001	52,564	2,521	3,382,134	7,061	321,989	4,272,852
North	15	4,876	4,933	2,113	13,322	22,536	7,596	39,544	4,229	22,190	4,324	2,000	2,673	48,698	6,028	17,366,468	20,559	17,511,916
South	16	10,090	10,809	6,164	36,408	25,323	22,879	17,063	38,277	11,310	101,798	107,871	120,319	5,241	311,023	31,017	72,102,466	72,857,657
Total	Total	1,922,623	1,885,463	1,039,892	3,994,678	3,992,689	2,088,069	3,096,885	2,686,039	2,027,616	2,197,143	1,199,586	2,111,201	1,919,708	4,225,167	17,688,673	72,846,774	123,141,195

Transformational Scenario DoMin 2041	Sector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Manchester urban area	1	1,327,220	3,735	1,267	535,575	11,769	1,635	41,693	42,036	2,353	901	214	6,386	1,993	72,829	4,763	10,870	2,870,249
Leeds urban area	2	3,672	666,591	2,935	8,667	299,097	13,414	3,528	3,841	11,099	2,339	1,162	2,245	26,759	2,633	6,263	8,448	1,864,964
Sheffield urban area	3	636	3,672	790,275	2,387	4,474	191,749	369	464	6,027	8,218	1,326	30,703	1,808	1,396	2,506	6,256	1,978,687
Manchester (outside M60 ring road)	4	519,094	8,703	2,412	3,243,883	40,488	4,855	168,852	90,467	7,428	2,222	770	25,995	5,727	168,515	10,729	40,323	4,349,261
West Yorkshire (outside Leeds)	5	10,520	325,689	10,979	40,814	3,286,266	102,339	26,542	7,249	27,673	9,854	5,193	7,456	99,244	6,912	23,524	24,106	4,807,677
South Yorkshire (outside Sheffield)	6	881	13,469	185,560	3,755	93,083	1,624	935	29,260	46,793	6,101	3,604	10,904	2,515	7,426	14,880		2,150,281
Leicestershire	7	36,228	2,679	675	175,603	22,519	2,662	2,943,056	89,395	2,431	817	308	1,584	12,702	26,939	35,037	18,858	3,971,424
Merseyside	8	35,014	3,497	515	84,601	6,376	1,113	61,429	2,079,962	2,768	695	207	1,362	1,813	182,889	4,038	45,294	2,533,653
Humberdale	9	2,171	10,100	5,702	5,975	24,688	36,070	2,367	2,707	7,789,388	7,528	50,306	2,419	35,886	2,789	20,885	10,961	2,809,941
Nottinghamshire	10	779	3,200	8,252	2,144	6,838	82,053	506	496	7,653	1,793,977	38,288	159,132	2,250	8,012	4,367	99,701	2,186,688
Lincolnshire	11	71	1,388	1,244	480	4,167	6,780	146	167	52,142	38,090	973,094	4,110	1,041	977	1,459	99,768	1,188,128
Derbyshire	12	7,352	3,600	55,009	42,714	8,896	45,079	2,017	2,191	4,216	161,462	4,478	1,652,188	2,233	50,713	4,569	111,732	2,157,878
North Yorkshire	13	2,045	24,799	1,637	6,335	99,911	11,882	15,219	2,083	40,867	2,349	1,225	1,259	755,717	2,043	49,523	5,454	1,621,378
Cheshire, Shropshire, etc	14	72,070	3,261	1,160	166,590	10,079	3,376	30,798	209,111	3,450	8,112	981	51,911	2,460	3,399,056	7,001	320,540	4,246,988
North	15	4,997	4,877	2,138	14,235	22,287	7,822	40,010	4,298	22,335	4,256	1,885	2,670	48,287	6,025	17,266,341	20,200	17,511,672
South	16	11,845	10,720	6,243	38,895	24,990	23,086	17,014	38,834	12,028	100,851	107,395	120,683	5,215	310,061	30,543	71,790,491	72,868,376
Total	Total	2,036,696	1,977,652	1,075,060	4,372,651	3,945,698	2,244,291	3,074,368	2,672,934	2,036,863	2,184,432	1,193,254	2,126,640	1,913,698	4,256,411	17,587,314	72,887,241	123,228,315

Difference (min)	Sector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Manchester urban area	1	63,681	129	-9	29,360	-453	17	-213	310	26	-2	9	-206	0	1,194	220	862	114,823
Leeds urban area	2	206	-6,451	0	754	-1,795	259	13	-75	-3	-62	-6	-38	-217	-24	-124	-70	-7,634
Sheffield urban area	3	34	-54	27,890	551	-20	5,279	0	-5	-47	-20	-3	1,392	2	22	151	34,915	34,915
Manchester (outside M60 ring road)	4	28,302	-452	103	326,141	1,883	324	5,198	1,989	182	116	46	639	185	5,395	650	2,340	375,945
West Yorkshire (outside Leeds)	5	-234	-1,726	-81	2,596	-25,808	2,283	-591	-142	-222	-169	-114	-46	-827	-225	-253	-186	-25,785
South Yorkshire (outside Sheffield)	6	61	331	5,689	362	2,314	103,426	20	32	516	1,097	130	1,198	291	32	221	589	116,368
Leicestershire	7	-485	-7	-16	4,560	-685	13	-26,241	-479	27	-26	4	-72	214	-660	73	69	-23,923
Merseyside	8	-122	-96	-2	1,955	-295	32	-734	-12,963	-39	0	20	22	-36	-1,072	57	550	-12,728
Humberdale	9	50	39	-46	285	-125	481	53	22	-7,542	-42	-196	18	-111	86	116	855	-6,383
Nottinghamshire	10	11	-72	-50	164	-153	1,243	-19	26	15	-8,105	-268	10	-12	-80	-49	816	-6,146
Lincolnshire	11	9	5	-1	52	-107	150	1	23	-332	-290	-5,985	12	-13	-5	-16	-94	-6,891
Derbyshire	12	-364	-71	1,562	817	-58	1,379	-86	-6	46	-32	29	11,850	10	-432	-29	207	14,797
North Yorkshire	13	-25	-225	-5	180	-897	203	291	-19	-182	-26	-11	-4	-5,646	-38	-453	-26	-6,797
Cheshire, Shropshire, etc	14	270	-69	-6	5,076	-409	18	-515	-1,234	39	-146	-20	-653	-61	-22,840	-59	-1,449	-22,853
North	15	322	-68	29	913	-249	226	368	69	445	-68	-15	-3	-401	-3	-180,148	-58	-180,246
South	16	855	-78	79	2,486	-332	707	-49	557	718	-947	-175	364	14	-962	-473	-350,046	-349,282
Total	Total	112,482	-7,912	35,113	377,773	-27,176	116,133	-22,856	-12,103	-6,653	-8,660	-6,552	14,339	-6,610	-19,785	-101,289	-348,633	87,124

%Difference	Sector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
Manchester urban area	1	7%	4%	-1%	6%	-4%	1%	-1%	1%	1%	0%	4%	-5%	0%	2%	5%	6%	6%
Leeds urban area	2	0%	-1%	0%	10%	-1%	2%	0%	2%	0%	-3%	-1%	-2%	-1%	-1%	-2%	-1%	-1%
Sheffield urban area	3	6%	0%	4%	7%	0%	3%	0%	0%	-1%	0%	0%	3%	0%	0%	1%	2%	3%
Manchester (outside M60 ring road)	4	6%	5%	4%	11%	5%	7%	3%	2%	3%	5%	6%	3%	3%	3%	0%	6%	9%
West Yorkshire (outside Leeds)	5	-2%	-1%	-1%	7%	-1%	7%	-2%	-2%	-1%	-2%	-2%	-1%	-1%	3%	-1%	-1%	-1%
South Yorkshire (outside Sheffield)	6	7%	3%	3%	11%	3%	6%	1%	4%	2%	2%	2%	4%	3%	1%	3%	4%	4%
Leicestershire	7	-2%	0%	-2%	3%	-3%	0%	-1%	-1%	1%	-3%	-1%	-4%	2%	-2%	0%	0%	-1%
Merseyside	8	0%	-3%	0%	2%	-3%	3%	-1%	1%	-1%	0%	-1%	2%	-2%	-1%	1%	1%	0%
Humberdale	9	3%	0%	-1%	4%	-1%	1%	2%	1%	0%	-1%	0%	1%	0%	2%	1%	6%	0%
Nottinghamshire	10	1%	-2%	-1%	8%	-1%	2%	-4%	4%	0%	0%	-1%	0%	-1%	-1%	-2%	-1%	0%
Lincolnshire	11	10%	0%	0%	12%	-3%	2%	1%	10%	-1%	-1%	-1%	-1%	0%	-1%	-1%	0%	-1%
Derbyshire	12	-5%	-2%	3%	2%	-1%	3%	-4%	0%	1%	0%	1%	1%	0%	-1%	0%	0%	1%
North Yorkshire	13	-1%	-1%	0%	3%	-1%	3%	2%	-1%	0%	-1%	-1%	0%	-1%	-2%	-1%	0%	-1%
Cheshire, Shropshire, etc	14	0%	-2%	-1%	3%	-4%	1%	-2%	1%	1%	-2%	-1%	0%	-1%	-2%	-1%	0%	-1%
North	15	7%	-1%	1%	7%	-1%	3%	1%	2%	1%	-2%	-1%	0%	-1%	0%	-1%	-1%	-1%
South	16	8%	-1%	2%	7%	-1%	3%	1%	3%	6%	1%	6%	0%	0%	0%	0%	-2%	0%
Total		3%	0%	-1%	6%	-1%	6%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%