

Impact of the MKSM Growth Area on the West Midlands

APPENDIX 2: FORECASTING RESULTS

MKSM Central Forecast	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
POPULATION	1633800	1644900	1656000	1667000	1677700	1688600	1699600	1710400	1721300	1732400	1743200	1754100	1764900
POPULATION OVER 16 YEARS OF AGE	1298740	1308420	1320140	1332060	1342460	1354020	1365440	1376360	1386680	1397880	1406940	1417760	1426900
POPULATION OVER RETIREMENT AGE	266900	273800	282300	290000	297400	304700	314300	322200	329700	336800	343500	350800	357600
POPULATION OF NORMAL WORKING AGE	1029840	1034620	1037840	1042060	1045060	1049320	1051140	1054160	1056980	1061080	1063440	1066960	1069300
LABOUR FORCE	859962	866011	871028	875858	881787	886567	891315	895495	900017	903412	908880	913128	915644
Activity rate	83.50%	83.70%	83.93%	84.05%	84.38%	84.49%	84.80%	84.95%	85.15%	85.14%	85.47%	85.58%	85.63%
EMPLOYEES IN EMPLOYMENT	758036	760679	767138	772833	777521	781078	784871	788848	792953	797635	802243	806774	810946
SELF-EMPLOYED	103777	104021	104729	105191	105499	105728	106066	106474	106928	107465	107984	108519	109028
TOTAL EMPLOYMENT	861814	864700	871867	878024	883020	886806	890936	895322	899881	905100	910227	915293	919975
FULL TIME STUDENTS ECONOMICALLY ACTIVE	29553	29791	29865	29833	29579	29291	29127	28737	28434	27853	27422	27073	26771
DOUBLE JOB ADJUSTMENT/INFORMAL EMPLOYEES	45763	46085	46352	46609	46924	47179	47431	47654	47895	48075	48366	48592	48726

MKSM Central Forecast (cont)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
POPULATION	1775800	1786300	1796600	1806800	1816600	1826100	1835300	1844300	1852800	1861000	1870193	1878939	1887685
POPULATION OVER 16 YEARS OF AGE	1438280	1448600	1458460	1467460	1476380	1485260	1493820	1501780	1509480	1516940	1524799	1532719	1540640
POPULATION OVER RETIREMENT AGE	365100	372800	380200	389300	398200	407300	416400	425200	434700	443800	452833	461948	471062
POPULATION OF NORMAL WORKING AGE	1073180	1075800	1078260	1078160	1078180	1077960	1077420	1076580	1074780	1073140	1071965	1070772	1069578
LABOUR FORCE	920405	924766	927841	930977	933575	935536	937575	938870	939795	940088	942339	943743	945164
Activity rate	85.76%	85.96%	86.05%	86.35%	86.59%	86.79%	87.02%	87.21%	87.44%	87.60%	87.91%	88.14%	88.37%
EMPLOYEES IN EMPLOYMENT	815308	819958	824637	829145	833664	838192	842730	847278	851834	856399	860972	865554	870143
SELF-EMPLOYED	109612	110258	110534	111035	111540	112048	112560	113076	113595	114117	114642	115171	115703
TOTAL EMPLOYMENT	924921	930217	935170	940180	945204	950241	955291	960353	965428	970516	975614	980725	985846
FULL TIME STUDENTS ECONOMICALLY ACTIVE	26635	26441	26314	26047	25825	25669	25509	25360	25264	25049	24918	24765	24611
DOUBLE JOB ADJUSTMENT/INFORMAL EMPLOYEES	48980	49212	49375	49542	49680	49785	49893	49962	50011	50027	50147	50221	50297

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MKSM High Growth Forecast	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
POPULATION	1647911	1664569	1681227	1697885	1714543	1731201	1748248	1765295	1782341	1799388	1816435	1833449	1850463
POPULATION OVER 16 YEARS OF AGE	1307905	1326274	1346300	1365572	1384630	1403586	1425240	1445229	1464825	1484001	1502854	1522316	1541308
POPULATION OVER RETIREMENT AGE	269205	277074	286600	295373	303931	312387	323296	332541	341392	349823	357931	366669	374937
POPULATION OF NORMAL WORKING AGE	1038700	1049200	1059699	1070199	1080699	1091199	1101944	1112688	1123433	1134178	1144923	1155647	1166371
LABOUR FORCE	868188	876964	885740	894516	903293	912069	921050	930031	939012	947993	956974	965937	974901
Activity rate	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%
EMPLOYEES IN EMPLOYMENT	761726	765654	773432	780461	786553	791452	796664	802116	807681	813783	819887	825890	831551
SELF-EMPLOYED	104358	104804	105718	106385	106906	107338	107890	108520	109192	109941	110681	111432	112160
TOTAL EMPLOYMENT	866083	870459	879150	886846	893459	898790	904554	910636	916873	923724	930568	937321	943711
FULL TIME STUDENTS ECONOMICALLY ACTIVE	29035	29329	29622	29916	30209	30503	30803	31104	31404	31704	32005	32304	32604
DOUBLE JOB ADJUSTMENT/INFORMAL EMPLOYEES	46201	46668	47135	47602	48069	48536	49014	49492	49970	50448	50926	51403	51880

MKSM High Growth Forecast (cont)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
POPULATION	1867477	1884491	1901505	1917505	1933506	1949506	1965507	1981507	1995988	2010469	2024951	2039432	2053913
POPULATION OVER 16 YEARS OF AGE	1561044	1581112	1600944	1621782	1642540	1663624	1684826	1705803	1726392	1746670	1766658	1786886	1807152
POPULATION OVER RETIREMENT AGE	383949	393292	402400	413153	423826	434825	445942	456833	468295	479445	490305	501406	512543
POPULATION OF NORMAL WORKING AGE	1177095	1187819	1198544	1208629	1218714	1228799	1238885	1248970	1258098	1267225	1276353	1285481	1294608
LABOUR FORCE	983865	992828	1001792	1010222	1018651	1027081	1035511	1043940	1051570	1059199	1066828	1074458	1082087
Activity rate	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%	83.58%
EMPLOYEES IN EMPLOYMENT	837396	843637	849962	855902	861959	868108	874350	880661	886754	892942	898887	904964	911056
SELF-EMPLOYED	112962	113843	114352	115058	115783	116524	117279	118045	118781	119531	120247	120984	121725
TOTAL EMPLOYMENT	950359	957480	964314	970960	977742	984631	991629	998707	1005535	1012474	1019135	1025949	1032781
FULL TIME STUDENTS ECONOMICALLY ACTIVE	32904	33204	33503	33785	34067	34349	34631	34913	35168	35423	35679	35934	36189
DOUBLE JOB ADJUSTMENT/INFORMAL EMPLOYEES	52357	52834	53311	53759	54208	54656	55105	55553	55959	56365	56771	57177	57583

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MKSM ABI Forecasts	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Agriculture, Forestry & Fishing	4214	4128	4021	3919	3800	3687	3572	3471	3365	3264	3180	3092	2998	2919	2845	2703
Mining & Quarrying	287	277	266	263	257	256	253	238	235	233	230	229	212	211	209	204
Food & drink	16484	16159	15943	15827	15675	15522	15329	15127	14907	14659	14459	14214	13961	13719	13466	13406
Textiles, clothing & leather	4280	4048	3821	3590	3509	3426	3243	3035	2875	2714	2616	2487	2350	2190	2041	1827
Wood & wood products	2323	2295	2280	2267	2242	2212	2186	2153	2120	2087	2066	2038	2006	1973	1946	1923
Paper, printing & publishing	11257	11227	11338	11430	11491	11535	11576	11602	11628	11662	11695	11740	11781	11789	11828	11859
Manufactured fuels	165	165	160	161	161	166	161	162	162	157	157	152	153	148	148	149
Chemicals & man-made fibres	4417	4379	4357	4356	4317	4254	4208	4169	4106	4058	4024	3978	3932	3884	3839	3802
Rubber & plastic products	8431	8407	8477	8534	8546	8544	8483	8412	8334	8270	8160	8042	7924	7776	7629	7784
Non-metallic mineral products	2838	2784	2748	2696	2659	2598	2544	2476	2421	2367	2309	2254	2195	2140	2067	2019
Basic metals & metal products	11331	11190	11124	11066	10989	10910	10819	10719	10624	10526	10438	10353	10278	10168	10079	9944
Mechanical engineering	7822	7783	7828	7812	7764	7692	7610	7549	7444	7338	7259	7153	7041	6906	6794	6863
Electronics, electrical, instrument engineering	10149	10093	10048	9971	9823	9806	9764	9762	9706	9676	9645	9610	9576	9503	9448	9378
Motor vehicles	5955	5809	5657	5561	5460	5381	5274	5196	5077	4999	4914	4830	4746	4645	4561	4407
Other transport equipment	2925	2871	2829	2787	2739	2697	2671	2636	2594	2559	2523	2488	2452	2410	2375	2322
Other manufacturing	4894	4923	5006	5064	5097	5118	5114	5117	5110	5089	5085	5084	5060	5035	5011	5073
Electricity, gas & water	741	725	709	685	665	648	630	614	600	583	573	557	544	532	520	504
Construction	33973	34001	34043	33807	33502	33184	32983	32832	32709	32630	32493	32382	32297	32254	32247	32135
Retailing	83029	83484	84254	85097	85751	86231	86727	87337	88037	88817	89578	90364	91109	91942	92786	93026
Distribution nes	65688	65643	65859	66573	66841	67037	67114	67119	67095	67043	67021	66965	66879	66781	66695	67336
Hotels & catering	31011	30807	31183	31525	31945	32318	32691	33072	33427	33791	34230	34635	35011	35418	35848	35888
Transport & communications	60199	60225	60477	60810	61160	61479	61824	62153	62502	62890	63295	63735	64137	64573	65025	65180
Banking & finance	17685	17600	17714	17725	17727	17566	17427	17248	17080	16892	16729	16571	16366	16130	15907	16201
Insurance	1512	1519	1524	1528	1539	1547	1561	1569	1576	1584	1592	1603	1611	1622	1631	1636
Other business services	144686	145431	147580	149582	151578	153599	155832	158212	160782	163572	166275	169056	171839	174729	177734	178514
Public administration & defence	39857	39994	40104	40203	40325	40162	40080	40011	39917	40051	39976	39872	39778	39674	39559	39816
Education & health	120369	122529	124626	126087	127424	128426	129470	130495	131517	132523	133508	134459	135312	136208	137058	139371
Other services	61513	62182	63162	63905	64535	65077	65724	66361	67002	67602	68213	68830	69400	70028	70662	71365
Total	758036	760679	767138	772833	777521	781078	784871	788848	792953	797635	802243	806774	810946	815308	819958	824637

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MKSM ABI Forecasts (cont)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Agriculture, Forestry & Fishing	2605	2506	2407	2308	2209	2111	2012	1913	1814	1716
Mining & Quarrying	199	194	190	185	180	176	171	167	162	157
Food & drink	13207	13009	12812	12615	12419	12224	12029	11835	11641	11448
Textiles, clothing & leather	1670	1512	1355	1198	1041	884	727	570	414	257
Wood & wood products	1894	1865	1837	1808	1779	1750	1721	1691	1662	1632
Paper, printing & publishing	11889	11919	11947	11976	12003	12030	12056	12082	12107	12132
Manufactured fuels	148	147	146	145	144	142	141	140	139	138
Chemicals & man-made fibres	3759	3716	3674	3631	3589	3547	3505	3464	3422	3381
Rubber & plastic products	7723	7663	7603	7543	7483	7423	7363	7304	7245	7186
Non-metallic mineral products	1960	1901	1842	1782	1721	1661	1600	1538	1477	1414
Basic metals & metal products	9843	9742	9640	9537	9434	9330	9226	9121	9016	8910
Mechanical engineering	6793	6723	6653	6584	6515	6447	6379	6311	6244	6177
Electronics, electrical, instrument engineering	9328	9277	9227	9177	9126	9076	9025	8975	8924	8874
Motor vehicles	4306	4205	4105	4004	3904	3803	3703	3603	3503	3403
Other transport equipment	2282	2242	2201	2161	2120	2080	2039	1999	1958	1917
Other manufacturing	5074	5075	5075	5076	5077	5078	5079	5079	5080	5081
Electricity, gas & water	491	479	466	455	443	432	420	410	399	388
Construction	32063	31994	31930	31871	31816	31765	31718	31676	31637	31603
Retailing	93695	94364	95033	95702	96371	97040	97709	98378	99048	99717
Distribution nes	67417	67497	67578	67658	67737	67816	67895	67973	68051	68129
Hotels & catering	36219	36549	36878	37207	37535	37862	38188	38513	38838	39162
Transport & communications	65542	65905	66268	66631	66994	67357	67721	68084	68448	68812
Banking & finance	16125	16055	15989	15927	15870	15817	15768	15723	15681	15643
Insurance	1645	1654	1662	1671	1680	1689	1698	1707	1716	1725
Other business services	180904	183295	185686	188078	190471	192865	195260	197655	200052	202449
Public administration & defence	39801	39787	39772	39758	39743	39729	39715	39701	39687	39673
Education & health	140563	141757	142950	144144	145338	146533	147728	148923	150118	151314
Other services	71999	72633	73267	73900	74534	75168	75802	76436	77069	77703
Total	829145	833664	838192	842730	847278	851834	856399	860972	865554	870143