

Aggregates Monitoring Survey 2016 Quarry Sales and Reserves in Oxfordshire

Figures for Oxfordshire on sales of aggregate minerals from quarries and permitted reserves at quarries for 2016 are now available from the Aggregates Monitoring Survey 2016 for the South East England Aggregate Working Party (SEEAWP). These are shown in tables 1 and 3, with the figures for 2015 included for comparison.

Using the 2016 sales figures, the 10 year rolling averages of sales from quarries have been recalculated, for the 10 year period 2007 – 2016, as shown in Table 2. Recalculated 3 year rolling averages of sales are also shown.

The landbank at the end of 2016 based on the Local Aggregate Assessment (LAA) 2014 provision levels is shown in table 4, with landbank figures based on the 10 year and 3 year sales averages included for comparison.

The 2016 survey did not include the destination of sales of aggregate minerals from quarries. Information on movements of aggregates into and out of Oxfordshire from the 2014 Aggregate Minerals Survey for England and Wales, which has been collated nationally by the British Geological Survey for DCLG, will be included in an updated LAA which is due to be prepared later in 2017.

Table 1: Oxfordshire Quarry Sales 2016 (with 2015 for comparison)

Mineral	Sales in 2015 (tonnes)	Sales in 2016 (tonnes)	Change 2015 to 2016
Soft Sand	233,092	227,329	-2%
Sharp Sand & Gravel	768,261	651,418	-15%
Total Sand & Gravel	1,001,353	878,747	-12%
Crushed Rock	913,812	715,407	-22%
Total Aggregate	1,915,165	1,594,154	-17%

Table 2: 10 Year Oxfordshire Quarry Sales Averages (2007-2016)

Year	Soft Sand (m. tonnes)	Sharp Sand & Gravel (m. tonnes)	Total Sand & Gravel (m. tonnes)	Crushed Rock (m. tonnes)	Total Aggregate (m. tonnes)
2007	0.166	0.893	1.059	0.717	1.776
2008	0.151	0.629	0.780	0.543	1.323
2009	0.165	0.462	0.627	0.363	0.990
2010	0.142	0.455	0.597	0.272	0.869
2011	0.201	0.489	0.690	0.322	1.012
2012	0.155	0.559	0.714	0.242	0.956
2013	0.165	0.401	0.566	0.502	1.068
2014	0.230	0.639	0.869	1.061	1.930
2015	0.233	0.768	1.001	0.914	1.915
2016	0.227	0.651	0.879	0.715	1.594
10 Year Average 2007-2016	0.184	0.595	0.778	0.565	1.343
Average of last 3 years 2014-2016	0.230	0.686	0.916	0.897	1.813
LAA 2014 provision figures	0.189	1.015	1.204	0.584	1.788

Table 3: Permissions Granted in 2016 and Permitted Reserves at Oxfordshire Quarries at end 2016 (with 2015 for comparison)

Mineral	Reserves at 31.12 2015 (m. tonnes)	Permitted in 2016 (m. tonnes)	Reserves at 31.12.2016 (m. tonnes)
Soft Sand	1.594 mt	0 mt	1.341 mt
Sharp Sand & Gravel	12.487 mt	515,000 mt	11.383 mt
Total Sand & Gravel	14.081 mt	515,000 mt	12.724 mt
Crushed Rock	8.597 mt	0 mt	8.545 mt
Total Aggregate	22.678 mt	515,000 mt	21.269 mt

Notes: Reserves permitted in 2016 include: 0.35 mt sharp sand & gravel at Sutton Wick Quarry (permitted 18.03.16); and 0.165 mt sharp sand & gravel at Bridge Farm, Sutton Courtenay Quarry (permitted 17.05.16).

Reserves at end of 2016 do not include permissions granted since 31.12.2016 (to 10.08.17): 0.415 mt soft sand at Duns Tew Quarry (permitted 08.05.17); 1.6 mt soft sand & 0.6 mt limestone at Bowling Green Farm Quarry (permitted 16.06.17).

Table 4: Oxfordshire Landbank at end of 2016

Permitted Reserves at 31.12.2016 by Mineral	Landbank based on LAA 2014 provision figures	<i>Landbank based on 10 years sales average (2007-2016)</i>	<i>Landbank based on last 3 years sales average (2014-2016)</i>
Soft Sand – 1.341 m. tonnes	7.1 years at 0.189 mtpa	<i>7.3 years at 0.184 mtpa</i>	<i>5.8 years at 0.230 mtpa</i>
Sharp Sand & Gravel – 11.383 m. tonnes	11.2 years at 1.015 mtpa	<i>19.1 years at 0.595 mtpa</i>	<i>16.6 years at 0.686 mtpa</i>
Total Sand & Gravel – 12.724 m. tonnes	10.6 years at 1.204 mtpa	<i>16.4 years at 0.778 mtpa</i>	<i>13.9 years at 0.916 mtpa</i>
Crushed Rock – 8.545 m. tonnes	14.6 years at 0.584 mtpa	<i>15.1 years at 0.565 mtpa</i>	<i>9.5 years at 0.897 mtpa</i>
Total Aggregate – 21.269 m. tonnes	11.9 years at 1.788 mtpa	<i>15.8 years at 1.343 mtpa</i>	<i>11.7 years at 1.813 mtpa</i>

Oxfordshire County Council

10.08.2017 (rev. 1 – second footnote to Table 3 corrected)