

## Aggregates Monitoring Survey 2017 Quarry Sales and Reserves in Oxfordshire

Figures for Oxfordshire on sales of aggregate minerals from quarries and permitted reserves at quarries for 2017 are now available from the Aggregates Monitoring Survey 2017 for the South East England Aggregate Working Party (SEEAWP). These are shown in tables 1 and 3, with the figures for 2016 included for comparison.

Using the 2017 sales figures, the 10 year rolling averages of sales from quarries have been recalculated, for the 10 year period 2008 – 2017, as shown in Table 2. Recalculated 3 year rolling averages of sales are also shown.

The landbank at the end of 2017 based on the Local Aggregate Assessment 2017 (LAA) provision levels is shown in table 4, with equivalent 'landbank' figures based on the 10 year and 3 year sales averages included for comparison.

The 2017 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, is included in the LAA.

**Table 1: Oxfordshire Quarry Sales 2017 (with 2016 for comparison)**

<b>Mineral</b>	<b>Sales in 2016 (tonnes)</b>	<b>Sales in 2017 (tonnes)</b>	<b>Change 2016 to 2017</b>
<b>Soft Sand</b>	227,329	251,298	+11%
<b>Sharp Sand &amp; Gravel</b>	651,418	702,809	+8%
<b>Total Sand &amp; Gravel</b>	878,747	954,107	+9%
<b>Crushed Rock</b>	715,407	866,849	+21%
<b>Total Aggregate</b>	1,594,154	1,820,956	+14%

**Table 2: 10 Year Oxfordshire Quarry Sales Averages (2008-2017)**

Year	Soft Sand (m. tonnes)	Sharp Sand & Gravel (m. tonnes)	Total Sand & Gravel (m. tonnes)	Crushed Rock (m. tonnes)	Total Aggregate (m. tonnes)
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
2017	0.251	0.703	0.954	0.867	1.821
<b>10 Year Average 2008-2017</b>	<b>0.192</b>	<b>0.576</b>	<b>0.768</b>	<b>0.580</b>	<b>1.348</b>
<b>Average of last 3 years 2015-2017</b>	0.237	0.707	0.945	0.832	1.777
<b>LAA 2017 provision figures</b>	0.189	1.015	1.204	0.584	1.788

**Table 3: Permissions Granted in 2017 and Permitted Reserves at Oxfordshire Quarries at end 2017 (with 2016 for comparison)**

Mineral	Reserves at 31.12 2016 (m. tonnes)	Permitted in 2017 (m. tonnes)	Reserves at 31.12.2017 (m. tonnes)
Soft Sand	1.341 mt	2.015 mt	3.105 mt
Sharp Sand & Gravel	11.383 mt	0 mt	10.805 mt
Total Sand & Gravel	12.724 mt	2.015 mt	13.910 mt
Crushed Rock	8.545 mt	0.6 mt	9.318 mt
<b>Total Aggregate</b>	<i>21.269 mt</i>	2.615 mt	<b>23.228 mt</b>

Notes: Reserves permitted in 2017 include: 0.415 mt soft sand at Duns Tew Quarry (permitted 08.05.17); and 1.6 mt soft sand and 0.6 mt crushed rock at Bowling Green Farm Quarry (permitted 16.06.17).  
Reserves at end of 2017 do not include permissions granted since 31.12.2017 (to 31.07.18): 0.5 mt sharp sand & gravel at Bridge Farm Sutton Courtenay Quarry (permitted 01.06.18).

**Table 4: Oxfordshire Landbank at end of 2017**

<b>Permitted Reserves at 31.12.2017 by Mineral</b>	<b>Landbank based on LAA 2017 provision figures</b>	<b><i>'Landbank' based on 10 years sales average (2008-2017)</i></b>	<b><i>'Landbank' based on last 3 years sales average (2015-2017)</i></b>
<b>Soft Sand – 3.105 m. tonnes</b>	<b>16.4 years at 0.189 mtpa</b>	<i>16.2 years at 0.192 mtpa</i>	<i>13.1 years at 0.237 mtpa</i>
<b>Sharp Sand &amp; Gravel – 10.805 m. tonnes</b>	<b>10.6 years at 1.015 mtpa</b>	<i>18.8 years at 0.576 mtpa</i>	<i>15.3 years at 0.707 mtpa</i>
<b>Total Sand &amp; Gravel – 13.910 m. tonnes</b>	<b>11.6 years at 1.204 mtpa</b>	<i>18.1 years at 0.768 mtpa</i>	<i>14.7 years at 0.945 mtpa</i>
<b>Crushed Rock – 9.318 m. tonnes</b>	<b>16.0 years at 0.584 mtpa</b>	<i>16.1 years at 0.580 mtpa</i>	<i>11.2 years at 0.832 mtpa</i>
<b>Total Aggregate – 23.228 m. tonnes</b>	<b>13.0 years at 1.788 mtpa</b>	<i>17.2 years at 1.348 mtpa</i>	<i>13.1 years at 1.777 mtpa</i>

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