



Ministry of Housing,  
Communities &  
Local Government

# Aggregate Minerals Survey 2019 (AMS2019)

Online User Guide



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# Introduction

Since 1973, the Aggregate Minerals Survey has been conducted at four-yearly intervals. In 2019, the survey comes five years after the previous one, which was conducted in 2014.

The collated results for the 2014 survey can be viewed and downloaded [here](#).

These surveys provide an in-depth and up-to-date understanding of regional and national sales, consumption, distribution, and permitted reserves of natural aggregates. The information is collected from aggregates producers, and is collated at Mineral planning Authority, regional, and national level.

The Aggregate Minerals Survey 2019 relates to aggregate sales, distribution, and reserves from 01 January to 31 December 2019.

The national collation of this survey is being undertaken by the British Geological Survey for the Ministry of Housing, Communities and Local Government and the Welsh Government.

This **user guide** sets out instructions for completing the online survey, including a description of the information that you will need to hand.

## General instructions

We recommend downloading the newest version of your preferred browser for the best experience. The survey is hosted on SurveyMonkey, which supports the following browsers:

Chrome 18 and later  
Firefox 24 and later  
Safari 7 or later  
Microsoft Edge  
Internet Explorer 11

You will be asked to read and accept a privacy notice before proceeding to the survey. This notice is also attached to the end of this guide (Annex A).

**Before starting the survey, please ensure that you have sufficient time to complete the entire survey for one site (a quarry or a wharf) in a single sitting.**

You can edit your responses during the survey, but you cannot exit and return to a partially completed survey at a later date/time in order to continue or to edit your responses.

If you close your browser or exit the survey before it is complete, you will need to follow the survey link and start the survey from the beginning.

Each time that you reopen the survey link, a new response will be recorded.

If you need to complete the survey several times about different sites, you will be redirected to the beginning of the survey after each completion. Alternatively, you can reopen the survey link for each new site.

# Structure of the survey

This survey relates to aggregate sales, distribution, and reserves from **01 January 2019 to 31 December 2019**.

The survey consists of four main sections:

1. Site details
2. Permitted reserves
3. Sales by product type
4. Sales by destination

The information needed for each section is outlined in further detail below. **Please ensure that you have all of the necessary information to hand before beginning the survey.**

## **Section 1: Contact details and site details**

This section requires you to input contact details and details about the site that you are reporting information about.

### *Information required*

- Your name
- Your email address
- Your telephone number
- Site name
- Site address details
- Site telephone number
- Operating company name
- Associated Mineral Planning Authority (MPA)
- Associated Aggregate Working Party (AWP)
- Grid reference of the site
- Site status – open/closed (*if closed, survey ends*)
- Site type – quarry/marine wharf
- Site association membership (e.g. Mineral Products Association or British Aggregates Association)
- Current site status – Active: in production, including stockpiles, for some time during 2019 or Inactive: worked in the past and still containing permitted reserves or Inactive: planning permission received but yet to be worked or Dormant: as identified under the Environment Act 1995
- Mineral(s) found at site
- Polished Stone Value for crushed rock – the accepted PSV for the site
- Borrow pit – yes/no
- Planning permission details
  - Including expiry dates: to navigate to a particular year click on the year at the top of the pop out calendar
- Environmental designation(s)

## **Section 2: Permitted reserves**

This section asks you to enter details about permitted reserves at active, inactive, and dormant **quarry sites**. It is not applicable to wharves.

The term 'permitted reserves' refers to the estimated reserves of aggregate minerals (including stockpiles) with planning permission that are saleable for both aggregate and non-aggregate purposes as at 31 December 2019.

*Information required for this section (all estimated reserves figures to be provided in tonnes)*

- Estimated reserves of sand suitable for concreting
- Estimated reserves of sand suitable for mortar
- Estimated reserves of sand suitable for asphalt
- Estimated reserves of undifferentiated sand
- Estimated reserves of gravel
- Estimated reserves of undifferentiated sand and gravel
- Estimated percentage of reserves of sand and gravel allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Estimated reserves of limestone/dolomite
- Estimated percentage of the total reserves of limestone / dolomite allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Estimated reserves of igneous and metamorphic rock
- Estimated percentage of the total reserves of igneous and metamorphic rock allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Estimated reserves of sandstone
- Estimated percentage of the total reserves of sandstone allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Estimated reserves of chalk
- Estimated percentage of the total reserves of chalk allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Estimated reserves of ironstone
- Estimated percentage of the total reserves of ironstone allocated for non-aggregate use (where unknown this this can be estimated on the basis of typical proportions of sales of aggregate to non-aggregate)
- Inactive site – yes/no (*if yes, survey ends*)

## **Section 3: Sales by product type**

### **Part 1: Sales of sand and gravel**

This section asks you to provide information about the sales of:

- sand and gravel excavated from a quarry, including as a result of ball clay or china clay extraction, or,
- marine-dredged sand and gravel landed at a wharf

This section does not apply to inactive sites.

Quarries should exclude material produced elsewhere within England and Wales and brought to the site for processing. Where aggregate is taken to another site for processing, please estimate the sales attributable to the actual excavated site.

Wharves should exclude sand and gravel that has been transshipped to another wharf in England and Wales, as the receiving wharf will be reporting information about these materials.

*Information required for this section (all sales figures to be provided in **tonnes**)*

- Sales of concreting/sharp sand
- Sales of building sand/soft sand
- Sales of sand for asphalt
- Sales of gravel for asphalt
- Sales of gravel for concrete aggregate
- Sales of other screened and graded gravels (e.g. for pipebedding and drainage media/layers)
- Sales of sand and gravel for other aggregate uses
- Sales of sand and gravel for non-aggregate uses

*For wharves only*

- Sales of sand and gravel originating in Scotland
- Sales of sand and gravel originating in Northern Ireland
- Sales of sand and gravel originating in the Republic of Ireland
- Sales of sand and gravel originating in France
- Sales of sand and gravel originating in Norway
- Sales of sand and gravel originating in the Netherlands
- Sales of sand and gravel originating in Belgium
- Sales of sand and gravel originating in Denmark
- Sales of sand and gravel originating in other countries
- Sales of sand and gravel originating in unknown countries

## **Part 2: Sales of crushed rock**

This section asks you to provide information about the sales of crushed rock at:

- quarries in England and Wales
- wharves at which hard rock from outside England and Wales is landed

This section should be filled in for sales of crushed rocks excavated from the quarry or landed at the wharf.

Quarries should exclude material produced elsewhere within England and Wales and brought to the site for processing. Where aggregate is taken to another site for processing, please estimate the sales attributable to the actual excavated site.

Wharves should exclude material that has been transshipped to another wharf in England and Wales, as the receiving wharf will be reporting information about these materials.

You will be asked to report information about one type of crushed rock at a time. You will have the opportunity select (and report information for) further types of crushed rock when you have completed all of the questions for the first type of crushed rock. Different types of crushed rock are therefore to be added separately.

*Information required (all sales figures to be provided in tonnes)*

- Type of crushed rock (x)
- Sales of x for manufacturing asphalt on site i.e. coated (excluding the weight of binder)
- Sales of x for manufacturing asphalt off site (including third party operations)
- Sales of x for Type 1 and Type 2 materials of uncoated roadstone
- Sales of x for surface dressing chippings of uncoated roadstone
- Sales of x for rail ballast
- Sales of x for concrete aggregate (including third party operations on or off site)
- Sales of x for other screened and graded aggregates
- Sales of x for armourstone and gabion stone
- Sales of x for other constructional uses, including fill
- Sales of x for building stone, excluding reconstituted stone
- Sales of x for cement manufacture
- Sales of x for flux in iron and steel manufacture
- Sales of x for all other industrial uses
- Sales of x for agricultural use on the land and horticulture

*For wharves only*

- Sales of x originating in Scotland
- Sales of x originating in Northern Ireland
- Sales of x originating in the Republic of Ireland
- Sales of x originating in France
- Sales of x originating in Norway
- Sales of x originating in the Netherlands
- Sales of x originating in Belgium
- Sales of x originating in Denmark
- Sales of x originating in other countries
- Sales of x originating in unknown countries

**Section 4: Sales by destination**

**Users can only enter data for a maximum of 20 possible destinations. If users have more than 20 destinations please contact BGS via the helpline e-mail address (Chloe Wrighton [chig@bgs.ac.uk](mailto:chig@bgs.ac.uk)).**

**Part 1: Sales of sand and gravel by destination**

This section asks you to report the sales of sand and gravel aggregate **for aggregate use only** according to the sales destination(s). See Figure 1 for a map of the aggregate minerals survey sub regions to support completion of Section 4.

Please report the sales for one destination at a time. When you have completed the section for the first destination, you will have the opportunity to report sales information for more destinations.

For collect sales where the destination is not known please allocate the sub-region where the quarry / wharf is located.

*Information required*

- The destination that sales of sand and gravel went to
- Sales (in tonnes) of sand and gravel that went to the selected destination
- Whether the destination was final, intermediate or unknown
- The modes by which sales were transported (percentages of sand and gravel that were transported by road, rail, and water). An estimate is acceptable if precise % sales by transport method are not known

## **Part 2: Sales of crushed rock by destination**

This section asks you to report information about the sales of crushed rock aggregate according to the sales destination(s). See Figure 1 for a map of the aggregate minerals survey sub regions to support completion of Section 4.

For sales for aggregates uses only, enter the quantities delivered to initial destinations (sub-region) including those value-added sites (such as asphalt, ready-mix and precast concrete plants), during 2019 by transport method.

Please report the information for one type of crushed rock and one destination at a time. When you have completed the section for the first type of crushed rock and its sales destinations, you will have the opportunity to report destination sales information for other types of crushed rock sold from the site.

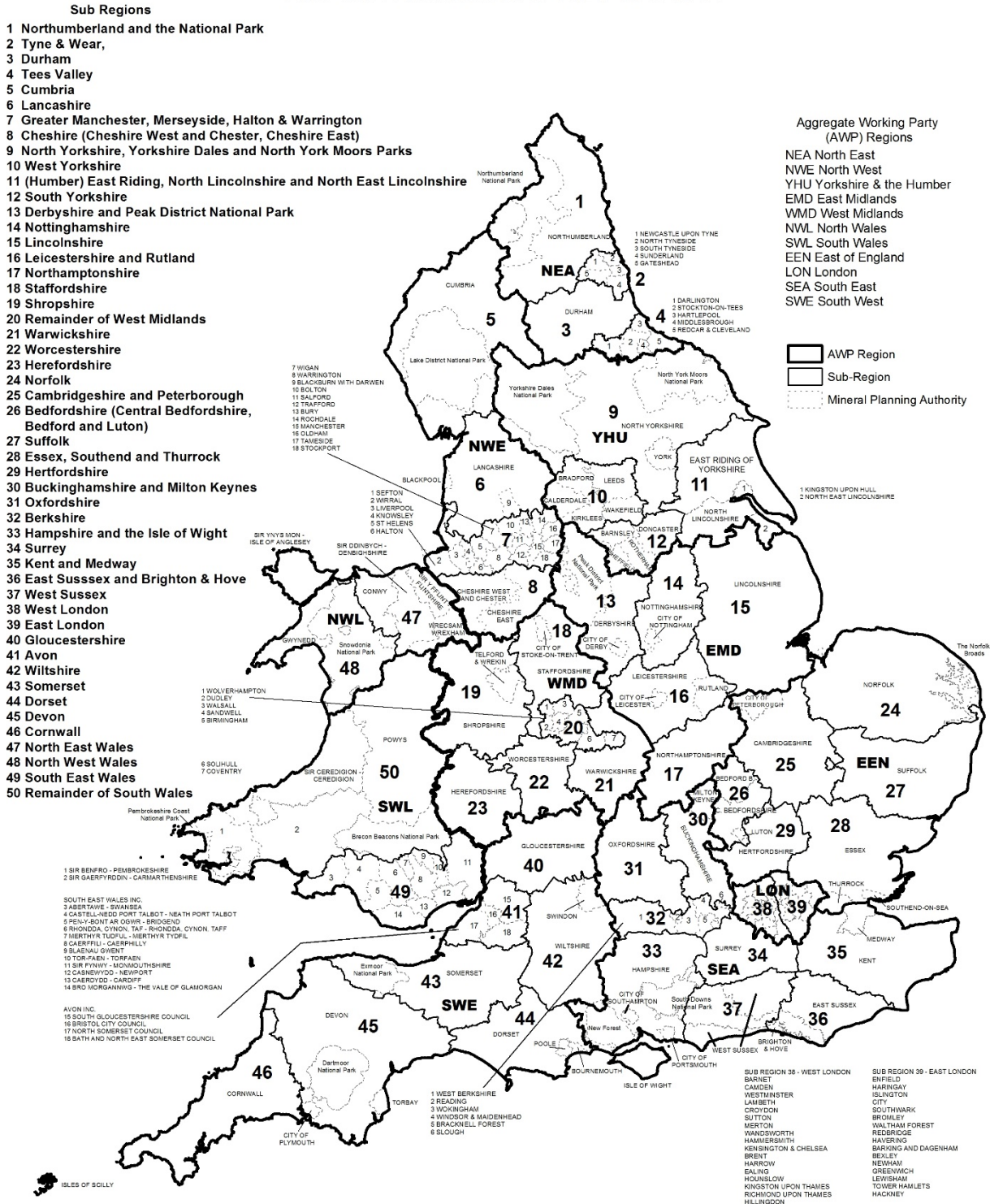
### *Information required*

- Type of crushed rock (**x**)
- The destination that sales of **x** went to
- Sales in tonnes of **x** to the selected destination
- Whether the destination was final, intermediate or unknown
- The percentages of **x** that were transported by road, rail, and water. An estimate is acceptable if precise % sales by transport method are not known



**Figure 1 Supporting Information for Destinations**

**MAP OF THE AGGREGATE MINERALS SURVEY SUB-REGIONS AND THE AUTHORITIES THEY INCLUDE**



Based on OS Boundary-Line. This map contains OS data © Crown copyright and database right 2020.

Survey ends.

# Annex A

## **Personal data privacy notice**

This section explains your rights and gives you the information you are entitled to under the General Data Protection Regulation and Data Protection Act 2018.

Note that this section only refers to your personal data (your name, email address, and anything that could be used to identify you personally) and not the content of your response to the survey.

### **1. The identity of the data controller and contact details of our Data Protection Officer**

The Ministry of Housing, Communities and Local Government (MHCLG) is the data controller. The Data Protection Officer can be contacted at [dataprotection@communities.gsi.gov.uk](mailto:dataprotection@communities.gsi.gov.uk).

### **2. Why we are collecting your personal data**

Your personal data is being collected as an essential part of the data collection for the Aggregate Minerals Survey 2019, so that we and the British Geological Survey (BGS, the Aggregate Minerals Survey provider) can contact you regarding your response and for statistical purposes. We may also use it to contact you about related matters.

### **3. Our legal basis for processing your personal data**

The data protection legislation states that, as a government department, MHCLG may process personal data as necessary for the effective performance of a task carried out in the public interest, in this case the preparation of the Aggregate Minerals Survey 2019.

### **4. With whom we will be sharing your personal data**

The data you provide will be shared with the Aggregate Working Party secretaries for the region in which you are situated and, if necessary, with Mineral Planning Authorities for verifying and checking purposes. Once checked, the information will be shared with BGS (the Aggregate Minerals Survey provider).

### **5. How long we will keep your personal data, or criteria used to determine the retention period**

Your personal data will be held until the publication of the final results of the Aggregate Minerals Survey 2019.

### **6. Your rights, e.g. access, rectification, erasure**

The data we are collecting is your personal data, and you have considerable say over what happens to it. You have the right to:

- see what data we have about you
- ask us to stop using your data, but keep it on record
- ask to have all or some of your data deleted or corrected
- lodge a complaint with the independent Information Commissioner (ICO) if you think we are not handling your data fairly or in accordance with the law. You can contact the ICO at: <https://ico.org.uk/>, or by telephone: 0303 123 1113

## **7. We use SurveyMonkey**

Your data will be stored on their servers in the United States in the first instance. Their privacy policy can be found here: <https://www.surveymonkey.com/mp/gdpr>. We have taken all necessary precautions to ensure that your rights in terms of data protection will not be compromised by this.

## **8. Removal of personal data from SurveyMonkey**

Your personal data will be moved from SurveyMonkey to our internal IT systems by December 2020. The data will also be shared with BGS (the Aggregate Minerals Survey provider), who will only retain an anonymised and collated copy of the data once the analysis of data is complete and the final results of the Aggregate Minerals Survey 2019 have been published.

## **9. Your personal data will not be used for any automated decision making**