

# Shipbuilding Register Data

W. Walker Hanlon

[Walker.hanlon@gmail.com](mailto:Walker.hanlon@gmail.com)

This dataset contains data on ships from the *Lloyd's Register* of shipping and the American Bureau of Shipping's *Register of American and Foreign Shipping* (ARS). These data were collected for the following paper:

Hanlon, WW. (2020) "The Persistent Effect of Temporary Input Cost Advantages in Shipbuilding, 1850-1911." *Journal of the European Economic Association*, 18(6), pp 3173-3209.

Please cite that paper when using the data.

**Source:** The data were digitized from scanned versions of the Lloyd's Register and American Register of Shipping. Three snapshots were collected for each register. For Lloyd's these observations come from the 1871 edition, the 1889 edition and the 1912/13 edition. From the ARS, data were entered for 1872, 1889 and 1913. Note that, because each snapshot contains all of the ships active in a particular year, and ships last for many years, these registers contain a substantial fraction of all shipping tonnage built between roughly 1850 or 1860 and 1911.

Scanned versions of the original Lloyd's registers can be found on Hathi trust, here:

<https://catalog.hathitrust.org/Record/000057051>

Scanned version of some of the original American Register can be found:

1871: <https://research.mysticseaport.org/item/I0237571871/#65>

1889: <http://hdl.handle.net/2027/nyp.33433019094436>

1913: <https://babel.hathitrust.org/cgi/pt?id=nyp.33433019094295&view=1up&seq=23>

**Entry:** The data were hand entered. For cost reasons, only a subset of the fields contained in the original data were entered. Only data for ships built in the US, Canada and the UK are included. These were by far the most important shipbuilders for ships listed in these sources. Some fields, related to the homeport of ships, were entered only for 1912/13.

**Processing:** The data have been processed to eliminate as many duplicate entries as possible, those where ships were listed in both the Lloyd's and the ARS in the same year.

## Variables in the data:

- Source – this identifies whether the data come from Lloyd's or the ARS and the version the entry comes from
- Country – where the ship was built
- Location – location where the ship was built, if it was listed
- State – state or province where the ship was built (US or Canada only)
- Region – region where the ship was built
- County – county where the ship was built (US or Canada)

- Year – year of ship construction
- Ship\_name – name of the ship
- Tons – the displacement tonnage of the ship
- Power – whether the ship is a sail or steamship
- Ship material – wood or iron (which includes steel)
- Shipyard – the shipyard that built the ship (only entered for Lloyd's 1871 and 1912/3 and ARS 1912)
- Time to build – the number of months it took to build the ship
- Wherebuilt – the original entry of the location of build
- Class\_Lloyds – the classification of the ship provided in the Lloyd's data (see source for code definitions)
- Type – the type of ship (e.g., schooner, bark, etc.)
- Alt\_tons – an alternative tonnage measure entered for the 1912 Lloyds and ARS data
- Original\_homeport – the original homeport entry (entered only for the 1912/3 data)
- Details – details describing the nature of the ship as listed in the original source documents (see original sources for code definitions)
- Homeport – homeport location (entered only for the 1912/3 data)
- Homeport\_country (entered only for the 1912/3 data)
- Class\_ARS – the classification of the ship provided in the ARS (see source for code definitions)