

Database Documentation

“Craft Beer in the United States: History, Numbers, and Geography”

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The database for this paper consists of 3 files (one of which is in 2 formats):

Craft Brewer Capacity and Production-1979-1988.xlsx

Craft Brewer Production-1989-2012.xlsx

State Data on Craft Brewers-1979-2012.xlsx; State Data on Craft Brewers-1979-2012.dta

The production and number of firms data for figures, maps and regressions were aggregated from the first two data sets, which consist of micro firm-level data. Figures contain data aggregated to the national level for the U.S., and maps and regressions are based on data aggregated to the state level. In defining “craft brewer” we include brewpubs, microbreweries and craft regionals but do not include contract brewers, national brewers and large regional brewers that were in existence before 1965. Units of measurement for production and capacity are 31-gallon barrels except for the regression data where units of measurement are in 10,000 31-gallon barrels. The text, Table 3 and Appendix to the paper contain additional information regarding the data. The following describes each data set further.

Craft Brewer Capacity and Production-1979-1988.xlsx

This Excel file contains individual firm level data on craft beer company name, city, state abbreviation, zip code, capacity and production for 1979-1988. The file also contains state level data. Production for craft brewers is taken from data on the leading 100 firms produced by *The Office of R.S. Weinberg, St. Louis*. When production is missing for a particular brewer, it is estimated by: $\text{Production Estimate} = \text{capacity} \times \text{mean capacity utilization rate}$. (Estimates are shown in the file in red.) The source for the capacity data is *Brewers Digest, Brewery Directory*, 1979-1989, which is published in January-February. The directory in year t (e.g., 1989) reflects capacity in year $t-1$ (1988).

Craft Brewer Production-1989-2012.xlsx

The source for this file is *The New Brewer* which contains individual firm level data on type of firm (micro, brewpub, regional), company name, state and production. The Excel file contains data for 1989-2012 which appears on multiple sheets, each sheet with data on 2 consecutive years. As mentioned above, contract brewers, national brewers, and large regional brewers that were in existence before 1965 have been deleted from the original source data.

State Data on Craft Brewers-1979-2012.xlsx; State Data on Craft Brewers-1979-2012.dta

The state-level data set is provided in both Excel and STATA formats. The dependent variables for the regressions, production and number of brewers, derive from the two craft brewer firm data sets listed above. The 50 states and the District of Columbia are included for a total of 1,683 observations. (Not all variables are available for 1979; the regression sample runs from

1980-2012). When Spatial-firms and Spatial-prod are used, the sample is limited to the continental U.S. and the number of observations is 1,617. These spatial variables are based on inverse distances between states, and Alaska and Hawaii are too distant from the other states to have reasonable values.

The Appendix in the paper contains source information for the regressors. The data set includes the state, state abbreviation, st, year, and the variables listed in Table 3 of the paper. All variables in the file are defined in Table 3 except for “st” which is a numeric value that identifies the state. The “st” variable does not correspond to any government designation but serves as a sort variable or numeric value for statements such as the “xtset” command in STATA.

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