U.S. Bureau of Labor Statistics
Business Register

Background & Use Case:
Marine Economy Statistics: an SBR Collaboration Case Study

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Group of Experts on Business Registers
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Business Register

- Scope and Sources
- Structure and History
- Use Case: Marine Economy Statistics
Business Register
Scope and Sources
QCEW

- Quarterly Census of Employment and Wages
- Fed/State cooperative program
  - Unemployment Insurance (UI) tax filings
  - Employment, Wages, Industry, Geography, Administrative Info
- Covers roughly 97% of US businesses
  - Establishment as unit of analysis
QCEW Scope

- 97% of employees on nonfarm payrolls
- 11.3 million establishments
  - 11 million in the private sector
  - 300,000 in the public sector
- 148 million workers
  - 126 million in the private sector
  - 22 million in the public sector
Data Collection: UI Tax Filing

- Unemployment Insurance (UI)
- What is excluded?
  - Self-employed, unpaid family employees
  - Some agricultural employees, some student workers
  - Elected officials
  - Members of the Armed Forces
Business Register
Structure and History
Business Descriptions

- Legal Name, Trade Name
- Phone and Fax
- Federal EIN, State UI Tax Number
- Single / Multi Status, Reporting Unit Number
- Ownership
- Non Profit Indicator
Quarterly Data

- Economic
  - Monthly Employment
  - Total Quarterly Wages
  - Taxable Wages
  - Date of first and last positive employment

- Industry
  - 1990 to 2000 – SIC
  - 1990 to 2022 – NAICS
Geographic Data

- Addresses
  - UI Tax Address
  - Physical Location Address
  - Mailing / Other Address

- County / Township

- MSA, City, Census Block

- Longitude and Latitude

- Hurricane Codes
“Shareable”
Business Register
Motivations

“To understand and predict changes in climate, weather, the ocean, and coasts; to share that knowledge and information with others; and to conserve and manage coastal and marine ecosystems and resources”

- Develop Estimates of the marine economy
- Utilize SBR to develop new statistical products!
Timeline

- 2010: BLS and NOAA established data sharing agreement
- 2012: NOAA published its first marine economy estimates “ENOW”
- 2016: Agreement expanded to include “Coastal Flood Exposure Mapper”
- 2018: Agreement expanded to include “Marine Economy Statistics”
Marine economy continues to power American prosperity, despite 2020 downturn

American ‘blue economy’ accounts for $361 billion

June 9, 2022
Coastal Flood Exposure Mapper
Lessons Learned

- Extremely valuable statistics can be produced using the QCEW Business Register
- Requires resources at all participating agencies
- Remote access to the BLS Business Register can be a success!
Contact Information

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