Data Shifts at the Australian Bureau of Statistics

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The Australian Bureau of Statistics acknowledges the Traditional Owners and Custodians of Country throughout Australia and recognises their continuing connection to land, waters and community. We pay our respects to their cultures and Elders, both past, present and emerging.
ABS data shifts

Research/evaluation
- Integrated data assets

Statistics
- Replacing survey data
- New statistical insights

Methods
- Targeted sampling
Both PLIDA and BLADE are secure data assets maintained and held by the ABS. Access is only made available to approved researchers for approved purposes.

PLIDA and BLADE Uses
- Answer policy questions
- Program evaluation
- Empirical research
- No identification of individuals/businesses
- Used only for statistical and research purposes (never for compliance)

Data Partnerships
- Australian Bureau of Statistics
- Australian Taxation Office
- Department of Health and Aged Care
- Department of Social Services
- Department of Education
- Services Australia
- Department of Home Affairs

Nationally Important Datasets
PLIDA Datasets - By Domains

For more information on the datasets in PLIDA, please see the Data Request Form which can be downloaded on the ABS website.
Business Longitudinal Analysis Data Environment (BLADE)

The BLADE is a business-centred integrated data asset that combines tax, trade, and intellectual property data with ABS data.
FIGURE 1: PLIDA Data Flow

Source linkage data for Person Linkage Spine → SECURE TRANSFER → DATA CLEANING, PREPARATION, STANDARDISATION AND ANONYMISATION → Person Linkage Spine → DATA LINKAGE

Source Administrative, Survey or Census linkage data → Administrative, Survey or Census linkage data → DATA CLEANING, PREPARATION, STANDARDISATION AND ANONYMISATION → Processed Administrative, Survey or Census linkage data

Source Administrative, Survey or Census analytical data → SECURE TRANSFER → DATA CLEANING AND PREPARATION

Linkage map used to connect analytical data together → Integrated data products

ABS DataLab → Secure ABS processing environment → Output vetting → ANALYTICAL OUTPUTS RELEASED

Librarians → Assemblers → Linkers → Analysts
Replacing survey data

Use of transaction data in the Australian CPI
Consumer Price Index: Concepts, Sources and Methods

Modernising ABS agricultural statistics
An overview of the modernisation program the ABS is undertaking in relation its Agricultural Statistics Program
New Statistical insights

Monthly Household Spending Indicator
Experimental indicator of household spending using bank transactions data

Monthly Business Turnover Indicator
Experimental indicator of business turnover derived from monthly Business Activity Statements

Weekly Payroll Jobs
Payroll job estimates, sourced from Single Touch Payroll (STP) data
Opportunities (if passes Privacy Impact Assessment) to use non-survey data to target samples e.g. pensioner households.

Quality assurance.
Questions?