



**De La Salle University  
Angelo King Institute for Economic and Business Studies**

**DATABANK ADMINISTRATION PROJECT**

**Project Description and Rationale**

The De La Salle University Angelo King Institute for Economic and Business Studies (DLSU-AKIEBS) Data Administration Project is tasked to procure available datasets from online sources, those distributed by statistical bodies, and other forms of datasets, for the institute’s compendium. These datasets are made available only to all DLSU students and faculty for their respective research purposes. The project also seeks to convert acquired datasets into Stata data formats and other usable formats.

**List of Available Datasets (\* not suitable for econometric analysis)**

- Family Income and Expenditure Survey (FIES)
- Labor Force Survey (LFS)
- Annual Poverty Indicators Survey (APIS)
- National Demographic and Health Survey (NDHS)
- Global Entrepreneurship Monitor (GEM)
- Community-Based Monitoring System (CBMS)
- Household Energy Consumption Survey (HECS)
- Philippine Statistical Yearbook (PSY)\*
- Compendium of Philippine Environmental Statistics (CPES)\*
- Annual Survey of Philippine Business and Industry (ASPBI)\*

<b>Annual Poverty Indicators Survey (APIS)</b>	
Source Institution	Philippine Statistical Authority (PSA)
Description	<ul style="list-style-type: none"> <li>✓ conducted during years of the LFS wherein the PSA does not conduct FIES</li> <li>✓ includes demographic, income and expenditure variables.</li> </ul>
Dataset Structure	cross section; household level
Questionnaires Available	<ul style="list-style-type: none"> <li>✓ 2008 Annual Poverty Indicators Survey</li> <li>✓ 2013 Annual Poverty Indicators Survey</li> </ul>
Publications Available	<ul style="list-style-type: none"> <li>✓ 2008</li> <li>✓ 2010</li> <li>✓ 2011</li> <li>✓ 2013</li> </ul>

<b>Annual Poverty Indicators Survey (APIS)</b>	
PUFs (Stata .dta file) Available	<ul style="list-style-type: none"> <li>✓ APIS2008</li> <li>✓ APIS2010</li> <li>✓ APIS2011</li> <li>✓ APIS2013</li> </ul>
Sample Variable List	<p>*= Available only in 2010  **= Available only in 2013  ***= Available only in 2013</p> <p><b>Format</b>  <i>variable name: variable representation;</i>  specification/description/measurement</p> <p style="text-align: center;"><b>I.D. variables</b></p> <p><i>reg: Region;</i> index values 1 up to 17 representing each region in the Philippines</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>fsize1: Family Size;</i> number of members in the household</p> <p><i>c06_status_1: Household Head Marital Status of household 1;</i> index values 1 to 5 (i.e., 1 = Single , 2 = Married, 3 = Widowed, 4 = Divorced/Separated, 5= Unknown)</p> <p><i>c04_sex_1: Sex of household 1;</i> index values 1 to 2 (such that 1 = male and 2 = female)</p> <p><i>c16_cls_wkr_1: Class of Worker of household 1;</i> index values 0 to 6 (i.e., 0 = worked for private household, 1 = worked for private establishment, 2 = worked for government/government corporation, 3 = self-employed without any employee, 4 = employer in own family-operated farm or business)</p> <p><i>**ppenss01_01: SSS Member of household 1;</i> index values 1 to 2 (such that 1 = Yes and 2 = No)</p> <p><i>** ppengsis02_01: GSIS of household 1;</i> index values 1 to 2 (such that 1= Yes and 2 = No)</p> <p><i>**pphealth03_01: Philhealth Member of household 1;</i> index values 1 to 2 (such that 1 = Yes and 2 = No)</p> <p style="text-align: center;"><b>Income variables</b></p> <p><i>wages: Income from Salaries and Wages;</i> income positive real numbers</p> <p><i>othin: Other Sources of Income;</i> amount of income the household receives from other sources; positive real numbers</p>

<b>Annual Poverty Indicators Survey (APIS)</b>	
Sample Variable List	<p><b>Income variables</b></p> <p><i>totinc</i>: <b>total family income</b>; family income positive real numbers</p> <p><i>conab</i>: <b>Cash Receipts, Support, etc. from Abroad</b>; income that the household receives from abroad; positive real numbers</p> <p><i>condo</i>: <b>Cash Receipts, Support, etc. from Domestic Source</b>; income that the household receives domestically ; positive real numbers</p> <p style="text-align: center;"><b>Wealth variables</b></p> <p><i>fuel</i>: <b>Fuel, Light and Water</b>; the amount of the household spends for fuel, light, and water; positive real numbers</p> <p><i>trcom</i>: <b>Transportation and Communication</b>; the amount of the household spends for transportation and communication; positive real numbers</p> <p><i>cloth</i>: <b>Clothing, Footwear and Other Wear</b>; the amount of the household spends for clothing; positive real numbers</p> <p><i>rcrtn</i>: <b>Recreation</b>; the amount of the household spends for recreational activities; positive real numbers</p> <p><i>gftot</i>: <b>Gifts and Contributions to others</b>; the amount of the household spends for gifts; positive real numbers</p> <p><i>**t_housing_water</i>: <b>Housing and water (Total)</b>; the amount of the household spends for housing and water; positive real numbers</p> <p><i>**t_transport</i>: <b>Transportation (Total)</b>; the amount of the household spends on transportation; positive real numbers</p> <p><i>**t_furnishing</i>: <b>Furnishings, Household Equipment &amp; Routine Household Maintenance</b>; the amount of the household spends on household equipment and maintenance; positive real numbers</p> <p><i>**t_cloth</i>: <b>Clothing, Footwear and Other Wear (Total)</b>; the amount of the household spends on clothing; positive real numbers</p> <p><i>**t_alcohol</i>: <b>Alcoholic Beverages (Total)</b>; the amount of the household spends on alcohol; positive real numbers</p>

<b>Family Income and Expenditure Survey (FIES)</b>	
Source Institution	PSA
Description	<ul style="list-style-type: none"> <li>✓ conducted every three years (2003, 2009, 2012 etc)</li> <li>✓ includes mainly income and expenditure variables with demographic variables about the household head</li> </ul>
<b>Family Income and Expenditure Survey (FIES)</b>	
Dataset Structure	cross section; household level
Questionnaires Available	<ul style="list-style-type: none"> <li>✓ 2003 Family Income and Expenditure Survey (First Visit – July 2003)</li> <li>✓ 2006 Family Income and Expenditure Survey (First Visit – July 2006)</li> <li>✓ 2009 Family Income and Expenditure Survey (First Visit – July 2009)</li> <li>✓ 2012 Family Income and Expenditure Survey (First Visit – July 2012)</li> </ul>
Publications Available	<ul style="list-style-type: none"> <li>✓ Volume I 2003 Final Report Family Income and Expenditure Survey ISSN 0119 – 5336</li> <li>✓ FIES06tables, data_dictionary (2006)</li> <li>✓ Technical_Notes(2006)</li> <li>✓ Data_dictionary (2009)</li> <li>✓ Technical_Notes(2009)</li> <li>✓ Tables for FIES 2009</li> </ul>
PUFs (Stata .dta file) Available	<ul style="list-style-type: none"> <li>✓ FIES2003</li> <li>✓ FIES2006</li> <li>✓ FIES 2009</li> <li>✓ FIES2012</li> </ul>
Sample Variable List	<p><b>Format</b>  <i>variable name: variable representation;</i>  specification/description/measurement</p> <p style="text-align: center;"><b>I.D. variables</b></p> <p><i>regn</i>; <b>Region</b>; index values 1 up to 17 representing each region in the Philippines</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>fsize</i>: <b>Family Size</b>; number of members in the household</p> <p><i>z2031_h_ms</i>: <b>Household Head Marital Status of household 1</b>;  index values 1 to 5 (such that 1 = Single, 2 = Married, 3 = Widowed, 4 = Divorced/Separated, 5= Unknown)</p> <p><i>z2011_h_sex</i>: <b>Sex of household head</b>; index values 1 to 2 (such that 1= male and 2 = female)</p> <p><i>z2021_h_age</i>: <b>Age of household head</b>; age positive real numbers</p>

<b>Family Income and Expenditure Survey (FIES)</b>	
Sample Variable List	<p style="text-align: center;"><b>Demographic variables</b></p> <p><i>z2041_h_educ</i>: <b>Household head educational attainment</b>; index values 0 to 78 (i.e., 0 = no grade completed, 1 = elementary undergraduate, 2 = elementary graduate, 3 = high school undergraduate)</p> <p><i>z2051_h_has_job</i>: Household head job/business indicator</p> <p style="text-align: center;"><b>Income variables</b></p> <p><i>totex</i>: <b>Total Family Expenditure</b>; total family expenses positive real numbers</p> <p><i>food</i>: <b>Total Food Expenditure</b>; the total amount of food that the family spends for consumption; positive real numbers</p> <p><i>totex</i>: <b>Total family expenditure</b>; total family expenditure positive real numbers</p> <p><i>ctexp</i>: <b>Total Family Expenditure in Cash</b>; Family's expenditure that is cash on hand; positive real numbers</p> <p><i>toinc</i>: <b>Total Family Income</b>; the overall income of the family ; positive real numbers</p> <p style="text-align: center;"><b>Wealth variables</b></p> <p><i>b5182_n_motor</i>: <b>Household's number of motorcycles</b>; the amount of motorcycles that the family owns; positive real numbers</p> <p><i>b5021_toilet</i>: <b>Household Toilet Facility</b>; the number of toilet facility; positive real numbers</p> <p><i>b5151_w_phone</i>: <b>Household Telephone</b>; number of telephone that the household has; positive real numbers</p> <p><i>b5141_w_car</i>: <b>Household vehicle</b>; number of vehicles that the household owns; positive real numbers</p> <p><i>b5061_w_tvt</i>: <b>Household Television Set</b>; the number of television that the household owns; positive real numbers</p>

<b>Labor Force Survey (LFS)</b>	
Source Institution	PSA
Description	<ul style="list-style-type: none"> <li>✓ conducted quarterly</li> <li>✓ includes mostly labor and demographic variables such as wage, occupation and education</li> </ul>
Dataset Structure	quarterly cross section; household level with member-level variables
Questionnaires Available	questionnaire available in PSA website
Publications Available	N/A
PUFs (Stata .dta file) Available	<ul style="list-style-type: none"> <li>✓ LFS2007Q3</li> <li>✓ LFS2007Q4</li> <li>✓ LFS2008Q3</li> <li>✓ LFS2008Q4</li> <li>✓ LFS2009Q3</li> <li>✓ LFS2009Q4</li> <li>✓ LFS2010Q3</li> <li>✓ LFS2010Q4</li> <li>✓ LFS2011Q3</li> <li>✓ LFS2011Q4</li> <li>✓ LFS2012Q3</li> <li>✓ LFS2012Q4</li> </ul>
Sample Variable List	<p><b>Format</b>  <i>variable name: variable representation; specification/description/measurement</i></p> <p style="text-align: center;"><b>I.D. variables</b></p> <p><i>reg: Region</i>; index values 1 up to 17 representing each region in the Philippines</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>c09_grd_01: Highest grade completed</i>; the highest grade completed by the household head; index values 0-99 (such that 0 = No grade completed, 1 = elementary undergraduate, 2 = elementary graduate, 3 = high school undergraduate, 4 = high school graduate, 5 = college undergraduate; 60 = college graduate, 99 = not reported)</p> <p><i>c08_ms_01: Marital Status</i>; index values 1 to 5 (such that 1 = Single, 2 = Married, 3 = Widowed, 4 = Divorced/Separated, 5 = Unknown)</p> <p><i>c04_sex_1: Sex</i>; index values 1 to 2 (such that 1 = male and 2 = female)</p> <p><i>c05_rel_01: Relationship to the household head of household 1</i>; index values 0 to 6 (such that 1 = head, 2 = wife/spouse, 3 = son/daughter, 4 = brothers/sisters, 5 = son/daughter in law, 6 = grandchildren, 7 = father/mother, 8 = other relative, 9 = boarder, 10 = domestic helper, 11 = non relative)</p>

<b>Labor Force Survey (LFS)</b>	
Sample Variable List	<b>Industry variables</b>
	<p><i>j01_usoc_01</i>: <b>Usual Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerks)</p> <p><i>c16_proc_01</i>: <b>Primary Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerks)</p> <p><i>c18_pkb_01</i>: <b>Kind of Business of primary occupation</b>; index values 1 to 93 (i.e., 1 = Growing of Crops, 2 = Farming Animals, 3 = Agricultural and Animal Husbandry Service, 4 = Hunting, Trapping and Game Propagation)</p> <p><i>c19pclas_01</i>: <b>Class of Worker of primary occupation</b>; index values 0 to 6 (i.e., 0 = worked for private household, 1 = worked for private establishment, 2 = worked for government/government corporation, 3 = self-employed without any employee, 4 = employer in own family-operated farm or business)</p> <p><i>c27_pbsc_01</i>: <b>Basic Pay per Day (Primary Occupation)</b>; amount of income the person receives from his/her primary occupation; positive real numbers</p> <p><i>j02_otoc_01</i>: <b>Other Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerk)</p> <p><i>j03_okb_01</i>: <b>Kind of Business of primary occupation</b>; index values 1 to 93 (i.e., 1 = Growing of Crops, 2 = Farming Animals, 3 = Agricultural and Animal Husbandry Service, 4 = Hunting, Trapping and Game Propagation)</p> <p><i>j04_ocls_01</i>: <b>Class of Worker of primary occupation</b>; index values 0 to 6 (i.e., 0 = worked for private household, 1 = worked for private establishment, 2 = worked for government/government corporation, 3 = self-employed without any employee, 4 = employer in own family-operated farm or business)</p>

<b>Merged FIES and LFS</b>	
Source Institution	PSA
Description	<ul style="list-style-type: none"> <li>✓ conducted every three years</li> <li>✓ includes mainly income and expenditure variables with demographic variables about the household head</li> <li>✓ also contains member-specific information available in the LFS</li> </ul>
Dataset Structure:	cross section; household level, individual-level
Questionnaires Available	FIES and LFS questionnaires separately

<b>Merged FIES and LFS</b>	
Publications Available	FIES and LFS publications separately
PUFs (Stata .dta file) Available	✓ 2009 ✓ 2012
Sample Variable List	<p><b>Format</b> <i>variable name: variable representation;</i> specification/description/measurement</p> <p style="text-align: center;"><b>I.D. variables</b></p> <p><i>regn: Region;</i> index values 1 up to 17 representing each region in the Philippines</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>fsize: Family Size;</i> number of members in the household</p> <p><i>z2031_h_ms: Household Head Marital Status of household 1;</i> index values 1 to 5 (such that 1 = Single, 2 = Married, 3 = Widowed, 4 = Divorced/Separated, 5= Unknown)</p> <p><i>z2011_h_sex: Sex of household head;</i> index values 1 to 2 (such that 1= male and 2 = female)</p> <p><i>z2021_h_age: Age of household head;</i> age positive real numbers</p> <p><i>z2041_h_educ: Household head educational attainment;</i> index values 0 to 78 (i.e., 0 = no grade completed, 1 = elementary undergraduate, 2 = elementary graduate, 3 = high school undergraduate)</p> <p><i>z2051_h_has_job: Household head job/business indicator</i></p> <p><i>c09_grd_01: Highest grade completed;</i> the highest grade completed by the household head; index values 0-99 (such that 0 = No grade completed, 1 = elementary undergraduate, 2 = elementary graduate, 3 = high school undergraduate, 4 = high school graduate, 5 = college undergraduate; 60 = college graduate, 99 = not reported)</p> <p><i>c08_ms_01: Marital Status;</i> index values 1 to 5 (such that 1 = Single, 2 = Married, 3 = Widowed, 4 = Divorced/Separated, 5= Unknown)</p> <p><i>c04_sex_1: Sex;</i> index values 1 to 2 (such that 1= male and 2 = female)</p>



<b>Merged FIES and LFS</b>	
Sample Variable List	<p style="text-align: center;"><b>Demographic variables</b></p> <p><i>c05_rel_01</i>: <b>Relationship to the household head of household 1</b>; index values 0 to 6 (such that 1 = head, 2 = wife/spouse, 3 = son/daughter, 4 = brothers/sisters, 5 = son/daughter in law, 6 = grandchildren, 7 = father/mother, 8 = other relative, 9 = boarder, 10 = domestic helper, 11 = non relative)</p> <p style="text-align: center;"><b>Income variables</b></p> <p><i>totex</i>: <b>Total Family Expenditure</b>; total family expenses positive real numbers</p> <p><i>food</i>: <b>Total Food Expenditure</b>; the total amount of food that the family spends for consumption; positive real numbers</p> <p><i>totex</i>: <b>Total family expenditure</b>; total family expenditure positive real numbers</p> <p><i>ctexp</i>: <b>Total Family Expenditure in Cash</b>; Family's expenditure that is cash on hand; positive real numbers</p> <p><i>toinc</i>: <b>Total Family Income</b>; the overall income of the family ; positive real numbers</p> <p style="text-align: center;"><b>Wealth variables</b></p> <p><i>b5182_n_motor</i>: <b>Household's number of motorcycles</b>; the amount of motorcycles that the family owns; positive real numbers</p> <p><i>b5021_toilet</i>: <b>Household Toilet Facility</b>; the number of toilet facility; positive real numbers</p> <p><i>b5151_w_phone</i>: <b>Household Telephone</b>; number of telephone that the household has; positive real numbers</p> <p><i>b5141_w_car</i>: <b>Household vehicle</b>; number of vehicles that the household owns; positive real numbers</p> <p><i>b5061_w_tvt</i>: <b>Household Television Set</b>; the number of television that the household owns; positive real numbers</p> <p style="text-align: center;"><b>Industry variables</b></p> <p><i>j01_usoc_01</i>: <b>Usual Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerks)</p>

<b>Merged FIES and LFS</b>	
Sample Variable List	<b>Industry variables</b>
	<p><i>c16_proc_01</i>: <b>Primary Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerks)</p> <p><i>c18_pkb_01</i>: <b>Kind of Business of primary occupation</b>; index values 1 to 93 (i.e., 1 = Growing of Crops, 2 = Farming Animals, 3 = Agricultural and Animal Husbandry Service, 4 = Hunting, Trapping and Game Propagation)</p> <p><i>c19pclas_01</i>: <b>Class of Worker of primary occupation</b>; index values 0 to 6 (i.e., 0 = worked for private household, 1 = worked for private establishment, 2 = worked for government/government corporation, 3 = self-employed without any employee, 4 = employer in own family-operated farm or business)</p> <p><i>c27_pbsc_01</i>: <b>Basic Pay per Day (Primary Occupation)</b>; amount of income the person receives from his/her primary occupation; positive real numbers</p> <p><i>j02_otoc_01</i>: <b>Other Occupation</b>; index values 1 to 93 (i.e., 1 = Armed Forces, 2 = Non-Gainful Occupations, 31 = Physical Science and Engineering Associate Professionals, 41 = Office Clerk)</p> <p><i>j03_okb_01</i>: <b>Kind of Business of primary occupation</b>; index values 1 to 93 (i.e., 1 = Growing of Crops, 2 = Farming Animals, 3 = Agricultural and Animal Husbandry Service, 4 = Hunting, Trapping and Game Propagation)</p> <p><i>j04_ocls_01</i>: <b>Class of Worker of primary occupation</b>; index values 0 to 6 (i.e., 0 = worked for private household, 1 = worked for private establishment, 2 = worked for government/government corporation, 3 = self-employed without any employee, 4 = employer in own family-operated farm or business)</p>

<b>Global Entrepreneurship Monitor (GEM)</b>	
Source Institution	PSA
Description	<ul style="list-style-type: none"> <li>✓ includes two individual-level, cross-sectional datasets: the Adult Population Survey (APS) which is a survey of entrepreneurs, and the National Experts Survey (NES) which is a survey of national experts on the state of entrepreneurship</li> <li>✓ APS includes perception variables as well as business variables NES is comprised mostly of perceptions and outlook variables National-level information is also available</li> </ul>
Dataset Structure	cross section; individual level/national level
Questionnaires Available	<ul style="list-style-type: none"> <li>✓ GEM Adult Population Survey Questionnaire</li> <li>✓ GEM National Experts Survey Questionnaire</li> </ul>

<b>Global Entrepreneurship Monitor (GEM)</b>	
Publications Available	The national report is available at the GEM website.
PUFs (Stata .dta file) Available	<ul style="list-style-type: none"> <li>✓ PUF not available.</li> <li>✓ 2013 and 2014 Philippine data since these are the only years when the Philippines participated in the survey</li> </ul>
Sample Variable List	<p><b>Format</b> <i>variable name</i>; <b>variable representation</b>; specification/description/measurement;</p> <p style="text-align: center;"><b>Nascent entrepreneurs variable</b></p> <p><b>BSTART: Starting a new business (self-employed)</b>; index values -2 to 1 (such that 0 = No, 1 = Yes, -1 = Don't know, and -2 = Refused)</p> <p><b>BJOBST: Starting a new business (employer)</b>; index values -2 to 1 (such that 0 = No, 1 = Yes, -1 = Don't know, and -2 = Refused)</p> <p><b>SUACTS: Done activity that would help launch a business</b>; index values -2 to 1 (such that 0 = No, 1 = Yes, -1 = Don't know, and -2 = Refused)</p> <p><b>SUPREP: Months involved in starting a business</b>; positive real numbers and index values -2 to -1 (such that -1 = Don't know, and -2 = Refused)</p> <p style="text-align: center;"><b>Owner-managers variables</b></p> <p><b>OWNMGE; Income from Salaries and Wages</b>; index values -2 to 1 (such that 0 = No, 1 = Yes, -1 = Don't know, and -2 = Refused)</p> <p><b>OMOWN: Business Ownership</b>; Personally own all, part, or none of the business; index values -3 to 3 (such that 1 = All, 2 = Part, 3 = None, -1 = Don't know, -2 = Refused, and -3 = Not applicable)</p> <p><b>OMEXPORT: Proportion of customers live outside the country</b>; index values -2 to 7 (such that 1 = More than 90%, 2 = 76 to 90%, 3 = 51 to 75%, 4 = 26 to 50%, 5 = 11 to 25%, 6 = 10% or less, 7 = None, -1 = Don't know, and -2 = Refused)</p> <p><b>OMRSTART: First owners and managers</b>; the respondent started the business or did not; index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>OMYINT: Use internet to sell products</b>; index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p>

<b>Global Entrepreneurship Monitor (GEM)</b>	
Sample Variable List	<p style="text-align: center;"><b>Potential entrepreneurs and discontinuers variables</b></p> <p><b>FUREASON: Reason for starting a business;</b> index values -2 to 5 (such that 1 = Take advantage of business opportunity, or, 2 = No better choices for work, 3 = Combination of both of the above, 4 = Have a job but seek better opportunities, 5 = Other (SPECIFY), -1 = Don't know, and -2 = Refused)</p> <p><b>DISCENT: Discontinued or quit a business;</b> index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>EXBUSCON: Business activities continued after quitting;</b> index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>EXREASON: Reason for quitting;</b> index numbers -2 to 9 (i.e., 1 = An opportunity to sell the business, 2 = The business was not profitable, 3 = Problems getting finance, 4 = Another job or business opportunity, -1 = Don't know, and -2 = Refused)</p> <p style="text-align: center;"><b>Informal investors variables</b></p> <p><b>BUSANG: Provided funds to a new business;</b> index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>BAFUND: Total of money provided;</b> personally provided business start-ups in the past three years, not counting any investments in publicly traded stocks or mutual funds; positive real numbers and index values if there is no positive recorded value (such that -1 = Don't know, -2 = Refused, and -3 = Haven't provided funds)</p> <p><b>BAREL: Relationship to the person that received your most recent personal investment;</b> index values -2 to 6 (i.e., 1 = Close family member, such as a spouse, brother, child, parent, or grandchild, 2 = Some other relative, kin, or blood relation, 3 = A work colleague, -1 = Don't know, -2 = Refused, and -3 = Haven't provided funds)</p> <p style="text-align: center;"><b>Employment variables</b></p> <p><b>OCCUFULL: Employed by others in full-time work;</b> index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>OCCUPART: Employed by others in part-time work;</b> index values -2 to 2 such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><b>OCCUPRBS: Employed in a private business;</b> index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p>

<b>Global Entrepreneurship Monitor (GEM)</b>	
Sample Variable List	<p style="text-align: center;"><b>Employment variables</b></p> <p><i>OCCUGOV</i>: <b>Employed by the government</b>; index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><i>OCCUSEEK</i>: <b>Seeking employment</b>; index values -2 to 2 (such that 1 = Yes, 2 = No, -1 = Don't know, and -2 = Refused)</p> <p><i>OCCUSELFMO</i>: <b>Months Seeking employment</b>; positive real numbers and index values if there is no positive recorded value (such that -1 = Don't know and -2 = Refused)</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>Gender</i>: <b>Gender</b>; index values -2 to 2 (such that 1 = Male, 2 = Female, -1 = Don't know, and -2 = Refused)</p> <p><i>Age</i>: <b>Age</b>; positive real numbers and index values -2 to -1 (such that -1 = Don't know and -2 = Refused)</p> <p><i>HHSIZE</i>: <b>Household size</b>; positive real numbers and index values -2 to -1 (such that -1 = Don't know and -2 = Refused)</p>

<b>Household Energy Consumption Survey (HECS)</b>	
Source Institution	PSA
Description	✓ dataset on the energy usage and consumption on specific items
Dataset Structure	cross section; individual level
Questionnaires Available	HECS_2004_questionnaire.pdf
Publications Available	N/A
PUFs (Stata .dta file) Available	HECS2004.dta
Sample Variable List	<p><b>Format</b>  <i>variable name</i>; <b>variable representation</b>;  specification/description/measurement;</p> <p style="text-align: center;"><b>Demographic variables</b></p> <p><i>Reg</i>: <b>Region</b>; index values 1 up to 17 representing each region in the Philippines</p> <p style="text-align: center;"><b>Electricity variables</b></p> <p><i>a05avcn</i>: <b>Average monthly consumption of electricity</b>; positive real numbers</p> <p><i>a06ameb</i>: <b>Average monthly electric bill</b>; positive real numbers</p>

<b>Household Energy Consumption Survey (HECS)</b>	
Sample Variable List	<p style="text-align: center;"><b>Petroleum variables</b></p> <p><i>b07lpgsize</i>: <b>LPG tank size</b>; positive real numbers from 0.1-99.9</p> <p><i>b08aref</i>: <b>Payment for refilling</b>; positive real numbers</p> <p><i>b08btrnp</i>: <b>Payment for transport</b>; positive real numbers</p> <p><i>b23bkrsn</i>: <b>Buy kerosene</b>; Type of kerosene do they buy; index variables 1 to 5 (such that 1 = Kerosene agent/dealer (pick up) , 2 = Kerosene agent/dealer (for delivery), 3 = Sari-sari store, 4 = Kerosene peddler, and 5 = Others)</p> <p style="text-align: center;"><b>Transport variables</b></p> <p><i>c4vtype_01</i>: <b>Type of vehicle</b>; The vehicle that household 1 uses; index variables 1 to 5 (such that 1 = Automobile , 2 = Utility vehicles, 3 = Motorcycle/tricycle, 4 = Motorboat, and 5 = Others)</p> <p><i>c4fuse_01</i>: <b>Type of fuel used</b>; The fuel that household 1 uses; index variables 1 to 4 (such that 1 = Regular gasoline , 2 = Premium gasoline, 3 = Diesel, and 4 = Others)</p> <p style="text-align: center;"><b>Renewable energy variables</b></p> <p><i>d06obfw</i>: <b>How fuelwood was obtained</b>; index variables 1 to 4 (such that 1 = Purchase only , 2 = Self-collected/gathered, 3 = Both, and 4 = Others)</p>

<b>National Demographic and Health Survey (NDHS) Household level</b>	
Source Institution	PSA
Description	<p>A household-level cross-sectional survey that contains individual-specific characteristics, and contains variations for children and women.</p> <p>✓ includes health-related variables such as nutrition and disease indicators</p>
Dataset Structure	cross section; individual level
Questionnaires Available	N/A
Publications Available	N/A
PUFs (Stata .dta file) Available	NDHS 2013 - household PHIR61
Sample Variable List	<p><b>Format</b>  <i>variable name</i>: <b>variable representation</b>;  specification/description/measurement;</p> <p style="text-align: center;"><b>Women height/weight/hemoglobin variables</b></p> <p><i>ha1_1</i>: <b>Woman's age in years</b>; positive real numbers</p>

<b>National Demographic and Health Survey (NDHS) Household level</b>	
Sample Variable List	<p style="text-align: center;"><b>Women height/weight/hemoglobin variables</b></p> <p><i>ha2_1</i>: <b>Woman's weight in kilograms</b>; positive real numbers</p> <p><i>ha3_1</i>: <b>Woman's height in centimeters</b>; positive real numbers</p> <p><i>ha35_1</i>: <b>Smoking (cigarettes in last 24 hours)</b>; positive real numbers and index values if there is no positive recorded value (such that 0 = Doesn't smoke, 80 = 80+, 94 = Smokes pipes, cigars, etc., and 99 = Missing)</p> <p><i>ha53_1</i>: <b>Hemoglobin level (g/dl)</b>; positive real numbers; positive numbers and index values if there is no positive recorded value (such that 994 = Not present, 995 = Refused, 996 = Other, and 999 = Missing)</p> <p><i>ha63_1</i>: <b>Result of measurement - HIV</b>; index values 1 to 9 (such that 1 = Blood taken, 2 = Not present, 3 = Refused, 4 = Sample not tested/lost/damaged, insufficient, 5 = Not enough DBS to complete protocol, 6 = Other, and 9 = Missing)</p> <p style="text-align: center;"><b>Healthcare utilization variables</b></p> <p><i>qh201</i>: <b>Any member of household sick or injured in the last 30 days</b>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh202</i>: <b>Number of sick/injured members in the last 30 days</b>; positive real numbers</p> <p><i>qh206</i>: <b>Any member of household visited health facility in the last 30 days</b>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh207</i>: <b>Number of members visited health facility in the last 30 days</b>; positive real numbers</p> <p><i>qh220</i>: <b>Any member of household confined in medical facility in the last 12 months</b>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh221</i>: <b>Number of members confined in health facility in the last 30 days</b>; positive real numbers</p>

<b>National Demographic and Health Survey (NDHS) Household level</b>	
Sample Variable List	<p style="text-align: center;"><b>Non-communicable diseases variables</b></p> <p><i>qh301: Things does to keep healthy</i>; index values A to Z (i.e., A = Avoid too much fat/fatty food, B = Avoid excess intake of salt and salty food, C = Avoid excessive intake of/ drink moderately alcoholic beverages, and D = Avoid Smoking) c16_cls_wkr_</p> <p><i>qh304: Ever screened/examined for cancer</i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh305: Part of body screened</i>; index values A to Z (i.e., A = Blood, B = Bone, C = Breast, and D = Cervix)</p> <p style="text-align: center;"><b>Infectious diseases variables</b></p> <p><i>qh405a: Ever had symptoms: cough for 2 weeks or longer</i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh405b: Ever had symptoms: fever for 2 weeks or longer</i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh405c: Ever had symptoms: chest pain for 2 weeks or longer</i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh405d: Ever had symptoms: coughing up blood for 2 weeks or longer</i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>qh405e: Ever had symptoms: sweating at night for 2 weeks or longer</i></p>

<b>National Demographic and Health Survey (NDHS) Person Level</b>	
Source Institution	PSA
Description	✓ includes variables on health, nutrition and disease indicators
Dataset Structure	cross section; individual level
Questionnaires Available	N/A
Publications Available	N/A
PUFs (Stata .dta file) Available	NDHS 2013 - persons child5 allchild PHIR61
Sample Variable List	<b>Format</b> <i>variable name: variable representation;</i> specification/description/measurement;



<b>National Demographic and Health Survey (NDHS) Person Level</b>	
Sample Variable List	<p style="text-align: center;"><b>Maternity variables</b></p> <p><i>m1</i>: <b>Number of tetanus injections before birth</b>; positive real numbers and index values if there is no positive recorded value (such that 0 = received no injection, 7 = 7+, 8 = Don't know, and 9 = Missing)</p> <p><i>m1a</i>: <b>Number of tetanus injections before pregnancy</b>; positive real numbers and index values if there is no positive recorded value (such that 0 = received no injection, 7 = 7+, 8 = Don't know, and 9 = Missing)</p> <p><i>m10</i>: <b>Wanted pregnancy when became pregnant</b>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>m17</i>: <b>Delivery by caesarean section</b>; index values 1 to 9 (such that 1 = Yes, 2 = No, 9 = Missing)</p> <p style="text-align: center;"><b>Child's health and vaccinations variables</b></p> <p><i>h2</i>: <b>Received BCG</b> ; received Bacillus Calmette-Guérin vaccine for tuberculosis; index values 0 to 9 (such that 0 = No, 1 = Vaccination date on card, 2 = Reported by mother, 3 = Vaccination marked on card, 8 = Don't know, and 9 = Missing)</p> <p><i>h3</i>: <b>Received DPT 1</b>; received 1<sup>st</sup> diphtheria, tetanus, and pertussis vaccine; index values 0 to 9 (such that 0 = No, 1 = Vaccination date on card, 2 = Reported by mother, 3 = Vaccination marked on card, 8 = Don't know, and 9 = Missing)</p> <p><i>h4</i>: <b>Received POLIO 1</b>; received 1<sup>st</sup> polio vaccine; index values 1 to 9 (such that 1 = Yes, 2 = No, 8 = Cannot Remember, and 9 = Missing)</p> <p><i>h9</i>: <b>Received MEASLES</b>; received 1<sup>st</sup> measles vaccine; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p style="text-align: center;"><b>Reproduction and birth history variables</b></p> <p><i>b0</i>: <b>Child is twin</b>; the number of the set of twins; index values 1 to 5 (such that 0 = Single birth, 1 = 1<sup>st</sup> of multiple, 2 = 2<sup>nd</sup> of multiple, 3 = 3<sup>rd</sup> of multiple, 4 = 4<sup>th</sup> of multiple, and 5 = 5<sup>th</sup> of multiple)</p> <p><i>b4</i>: <b>Sex of child</b>; index values 1 to 2 (such that 1 = Yes, 2 = No)</p> <p><i>b5</i>: <b>Child is alive</b>; index values 0 to 1 (such that 0 = No, 1 = Yes)</p> <p><i>b9</i>: <b>Child lives with whom</b>; index values 0 to 9 (such that 0 = Respondent, 1 = Father, 2 = Other relative, 3 = Someone else, 4 = Lives elsewhere, and 9 = Missing)</p>

<b>National Demographic and Health Survey (NDHS) Person Level</b>	
Sample Variable List	<p style="text-align: center;"><b>Reproduction and birth history variables</b></p> <p><i>b10: <b>Completeness of information</b></i>; All information of the child is complete.; index values 1 to 8 (such that 1 = Month and year-information complete, 2 = Month and age - year imputed , 3 = Year and age – month imputed, 4 = Year and age – month , 5 = Year – age/month imputed, 6= Age – year/month imputed , 7= Month – age/year imputed, and 8= None – all imputed)</p>

<b>National Demographic and Health Survey (NDHS) Women Level</b>	
Source Institution	PSA
Description	✓ includes variables on women’s health such as nutrition, contraception, indications of disease and others.
Dataset Structure:	cross section; individual level
Questionnaires Available	N/A
Publications Available	N/A
PUFs (Stata .dta file) Available	NDHS 2013 - woman PHIR61
Sample Variable List	<p><b>Format</b>  <i>variable name: variable representation;</i>  specification/description/measurement;</p> <p style="text-align: center;"><b>Contraception knowledge and use variables</b></p> <p><i>v312: <b>Current contraceptive method</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>v313: <b>Current contraceptive method</b></i>; index values (1 to 9 such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>v323: <b>Brand of pill used</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p><i>v323a: <b>Brand of condom used</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, and 9 = Missing)</p> <p style="text-align: center;"><b>Fertility preferences variables</b></p> <p><i>v602: <b>Fertility preference</b></i>; index values A to Y (i.e., A = vaginal bleeding, B = Headache, C = Dizziness, and D = Blurred Vision)</p> <p><i>v621: <b>Husband's desire for children</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, 8 = Cannot Remember, and 9 = Missing)</p> <p><i>v627: <b>Ideal number of boys</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, 8 = Cannot Remember, and 9 = Missing)</p>

<b>National Demographic and Health Survey (NDHS) Women Level</b>	
Sample Variable List	<p style="text-align: center;"><b>Fertility preferences variables</b></p> <p><i>v628: <b>Ideal number of girls</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, 8 = Cannot Remember, and 9 = Missing)</p> <p><i>v629: <b>Ideal number of either sex</b></i>; index values 1 to 9 (such that 1 = Yes, 2 = No, 8 = Cannot Remember, and 9 = Missing)</p> <p style="text-align: center;"><b>Domestic violence variables</b></p> <p><i>d103a: <b>Ever been humiliated by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p> <p><i>d103b: <b>Ever been threatened with harm by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p> <p><i>d103c: <b>Ever been insulted or made to feel bad by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p> <p><i>d103d: <b>Ever refused respondent to engage in work by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p> <p><i>d103e: <b>Ever controlled respondent's money/property or forced respondent to work by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p> <p><i>d103f: <b>Ever destroyed respondent's property by husband/partner</b></i>; index values 0 to 9 (such that 0 = Never, 1 = Often, 2 = Sometimes, 3 = Yes, but not in the last 12 months, 4 = Yes, but frequency in last 12 months, and 9 = Missing)</p>

<b>Philippine Statistical Yearbook (PSY)</b>	
Source Institution	PSA
Description	<ul style="list-style-type: none"> <li>✓ compilation of various statistical indicators of the Philippines</li> <li>✓ <b>not to be used for regression analysis</b> but may be used for review of literature or landscaping</li> <li>✓ includes several indicators such as population, housing, labor, health, education, agriculture, trade, industry etc.</li> </ul>

<b>Philippine Statistical Yearbook (PSY)</b>	
Dataset Structure	
Questionnaires Available	N/A
Publications Available	✓ 2011 ✓ 2013
PUFs (Stata .dta file) Available	N/A
Sample Variable List	<p><b>Format</b> <i>variable name; variable representation; specification/description/measurement;</i></p> <p style="text-align: center;"><b>Population variables</b></p> <p><b>Population;</b> Population of the Philippines; positive real numbers</p> <p><b>Population Regional distribution;</b> Population of each region in the Philippines; positive real numbers</p> <p><b>Ten most populous cities;</b> Top ten cities with the highest population; positive real numbers</p> <p><b>Registered Filipino emigrants;</b> Number of Male and Female emigrants in the Philippines; positive real numbers</p> <p><b>Human development index;</b> positive real numbers</p> <p><b>Income variables</b></p> <p><b>Average family income (pesos);</b> positive real numbers</p> <p><b>Average family expenditure (pesos);</b> positive real numbers</p> <p><b>Poverty Threshold (annual per capita);</b> positive real numbers</p> <p><b>Poverty Incidence (% among families);</b> positive real numbers</p> <p><b>Poverty Incidence (% among populations);</b> positive real numbers</p> <p><b>Economic Accounts variables</b></p> <p><b>Gross national income (millions of pesos);</b> shows the GNI in current prices and at constant 2000 prices; positive real numbers</p> <p><b>Gross domestic product by industrial origin;</b> shows the contribution of each industrial origin to the GDP; positive real numbers</p>

<b>Philippine Statistical Yearbook (PSY)</b>	
Sample Variable List	<p style="text-align: center;"><b>Population variables</b></p> <p><b>Expenditures on gross domestic product (at constant 2000 prices, (million pesos));</b> shows the GDP spend on Household final consumption expenditures, General government consumption, Gross domestic capital formation, and etc.</p> <p><b>Per capita household final;</b> shows prices and at constant 2000 prices; positive real numbers</p> <p style="text-align: center;"><b>Environment and natural resources variables</b></p> <p><b>Land classification (in hectares);</b> shows the how large of each type of land such as forest land, Alienable, and disposable; positive real numbers</p> <p><b>Area reforested (in hectares);</b> shows the how large the are reforested; positive real numbers</p> <p><b>Forest disturbance (in hectares);</b> shows the how large the forest disturbance; positive real numbers</p> <p><b>Production of forest products (100 cu m);</b> shows the how large the forest products harvested; positive real numbers</p> <p><b>Value of mineral production;</b> positive real numbers</p> <p style="text-align: center;"><b>Agriculture variables</b></p> <p><b>Production of agricultural crops(thousand metric tons);</b> shows how many cereals, major crops, and other crops were produced; positive real numbers</p> <p><b>Value of production of agricultural crops(millions of pesos);</b> shows the value of cereals, major crops, and other crops that were produced; positive real numbers</p> <p><b>Fish production ('000 m.t.);</b> shows how many commercial fishing, municipal fishing, and aquaculture were produced; positive real numbers</p> <p><b>Value of fishing production (million pesos);</b> shows the value of commercial fishing, municipal fishing, and aquaculture were produced; positive real numbers</p> <p><b>Livestock and poultry (thousand metric tons);</b> shows how many livestock(liveweight), poultry(liveweight), and egg were produced; positive real numbers</p>

<b>Philippine Statistical Yearbook (PSY)</b>	
Sample Variable List	<p style="text-align: center;"><b>Agriculture variables</b></p> <p><b>Value of livestock and poultry (million pesos);</b> shows the value of livestock(liveweight), poultry(liveweight), and egg were produced; positive real numbers</p> <p style="text-align: center;"><b>Industry variables</b></p> <p><b>Index of value of production of key manufacturing;</b> shows the value of food, beverages, tobacco, furniture, and etc. that were produced; positive real numbers</p> <p><b>Amount of approved investments (million pesos);</b> shows the approved investments by local and foreign investors; positive real numbers</p> <p style="text-align: center;"><b>Trade variables</b></p> <p><b>External Trade (million US dollars);</b> shows exports, imports, and the balance of trade; positive real numbers</p> <p><b>Total exports (million US pesos);</b> shows the products that the Philippines export i.e. coconut products, copra, coconut oil, and others; positive real numbers</p> <p style="text-align: center;"><b>Tourism variables</b></p> <p><b>Total exports (million US pesos);</b> positive real numbers</p> <p><b>Total visitor receipts (million US \$);</b> positive real numbers</p> <p style="text-align: center;"><b>Vital, health and nutrition statistics variables</b></p> <p><b>Number of registered marriages;</b> positive real numbers</p> <p><b>Number of registered live births;</b> positive real numbers</p> <p><b>Number of registered deaths;</b> positive real numbers</p> <p><b>Bed capacity of government and private hospitals;</b> positive real numbers</p> <p><b>Number of hospitals ;</b> positive real numbers</p> <p style="text-align: center;"><b>Education and manpower development variables</b></p> <p><b>Number of private schools;</b> number of pre-school, elementary, and secondary; positive real numbers</p>

<b>Philippine Statistical Yearbook (PSY)</b>	
Sample Variable List	<p style="text-align: center;"><b>Education and manpower development variables</b></p> <p><b>Enrollment in public and private schools;</b> number of pre-school, elementary, secondary, and higher education; positive real numbers</p> <p><b>Number of graduates;</b> number of higher education and technical and vocational; positive real numbers</p> <p style="text-align: center;"><b>Labor and employment variables</b></p> <p><b>Total labor force (1,000 persons);</b> shows employed and unemployed individuals; positive real numbers</p> <p><b>Unemployment rate (percent);</b> all regions; positive real numbers</p> <p><b>Processed overseas Filipino workers;</b> land-based and sea-based Filipino workers; positive real numbers</p> <p><b>Deployed overseas Filipino workers;</b> land-based and sea-based Filipino workers; positive real numbers</p> <p><b>Number of strikes/notices filed;</b> positive real numbers</p> <p><b>Actual strikes;</b> positive real numbers</p> <p style="text-align: center;"><b>Social services variables</b></p> <p><b>Number of institutions/centers involved in the distribution of social services;</b> positive real numbers</p> <p><b>Amount of Claims paid by the Government Service Insurance System (million pesos) ;</b> positive real numbers</p> <p><b>Amount of benefits paid by the Social Security System (million pesos);</b> positive real numbers</p> <p><b>Rail transport;</b> number of passengers and gross revenues; positive real numbers</p> <p><b>Total number of registered motor vehicles;</b> positive real numbers</p> <p><b>Total number of newly-registered;</b> positive real numbers</p> <p style="text-align: center;"><b>Energy and water resources variables</b></p> <p><b>Energy consumption (MTOE);</b> positive real numbers</p> <p><b>Coal production (@10,000 Btu/lb.);</b> positive real numbers</p> <p><b>Coal consumption (metric tons);</b> positive real numbers</p>

<b>Philippine Statistical Yearbook (PSY)</b>	
Sample Variable List	<p style="text-align: center;"><b>Energy and water resources variables</b></p> <p><b>Total crude oil supply (thousand barrels,MB);</b> positive real numbers</p> <p><b>Power generation (gigawatt hours);</b> positive real numbers</p> <p style="text-align: center;"><b>Public administration variables</b></p> <p><b>National Government Revenue (million pesos);</b> Tax Revenues and Non tax revenue; positive real numbers</p> <p><b>Sectoral Allocation of Expenditures (million pesos);</b> shows the contribution of social services, economic services, defense, and etc. ; positive real numbers</p> <p><b>Outstanding government domestic securities (million pesos);</b> positive real numbers</p> <p><b>Government personnel by region;</b> positive real numbers</p> <p style="text-align: center;"><b>Banking and finance variables</b></p> <p><b>Broad money (million pesos);</b> positive real numbers</p> <p><b>Overseas Filipino remittances;</b> positive real numbers</p> <p><b>Total assets and liabilities of the Central Bank (billion pesos) ;</b> positive real numbers</p> <p><b>Total assets and liabilities of universal and commercial banks (billion pesos) ;</b> positive real numbers</p> <p><b>Total number of closed banks;</b> positive real numbers</p> <p><b>Total number of merged banks;</b> positive real numbers</p> <p style="text-align: center;"><b>Public order, safety, and justice variables</b></p> <p><b>Index crime and Non-index crime;</b> positive real numbers</p> <p><b>Number of policemen;</b> positive real numbers</p> <p><b>Number of firemen;</b> positive real numbers</p> <p><b>Number of raids on drug incidents;</b> positive real numbers</p> <p><b>Number of persons arrested on drug incidents;</b> positive real numbers</p> <p><b>Inflow &amp; Outflow of Cases;</b> positive real numbers</p>



<b>Philippine Statistical Yearbook (PSY</b>	
Sample Variable List	<p style="text-align: center;"><b>Public administration variables</b></p> <p><b>Total population affected by major natural disasters;</b> positive real numbers</p> <p><b>Science and technology variables</b></p> <p><b>Total patents granted;</b> total local applicants and foreign applicants</p> <p><b>Total trademarks registered;</b> local inventors and foreign inventors</p>