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| --- | --- | --- | --- | --- | --- |
| **Variable** | **Units** | **Description and measurement** | **Temporal extent** | **Derived variables calculations** | **Data.frame name** |
| **Farm income &**  **expense** |  |  |  |  |  |
| Cash receipts from marketings | 1000s of USD$ | The gross revenue received by farmers from the sale of crops, livestock, and livestock products and of the value of defaulted loans made by Commodity Credit Corporation (CCC) and secured by crops. | 1969-2019 |  | mark\_receipts |
| Cash receipts: Livestock and products | 1000s of USD$ | The value of gross revenues received from the marketings of livestock and livestock products during a given calendar year. This includes the marketing of meat animals such as cattle and calves, hogs and pigs, sheep and lambs; poultry and poultry products (including eggs); and dairy products. Also included is the marketing of horses, bees, animal aquaculture, and other miscellaneous animal species raised on agricultural operations. | 1969-2019 |  | liv\_receipts |
| Cash receipts: Crops | 1000s of USD$ | The value of gross revenues received from the marketing of crop commodities during a given calendar year. Crop commodities include grains, such as corn, wheat, and soybeans; hay; vegetables; fruits and nuts; greenhouse and nursery products; tobacco; cotton; and other miscellaneous crops. | 1969-2019 |  | crops\_receipts |
| Other income |  | Government Payments and Imputed and miscellaneous income received. |  |  | oth\_income |
| Government payments | 1000s of USD$ | Deficiency payments under price support programs for specific commodities, disaster payments, conservation payments, and direct payments to farmers under federal appropriations legislation. The estimates of government payments are based on USDA national and state estimates of direct government payments. | 1969-2019 |  | gov\_pay |
| Imputed and miscellaneous income received | 1000s of USD$ | Imputed income, such as value of home consumption, and other farm related income components, such as machine hire and custom work income, rental income, and income from forest products (1978 to present). | 1969-2019 |  | misc\_income |
| Production expenses | 1000s of USD$ | Purchases of feed, livestock and poultry, seed, fertilizer, agricultural chemicals and lime, and petroleum products; labor expenses; machinery rental and custom work; animal health costs; and all other expenses including depreciation. | 1969-2019 |  | prod\_exp |
| Feed purchased | 1000s of USD$ | Feed purchased. | 1969-2019 |  | feed |
| Livestock purchased | 1000s of USD$ | Livestock and poultry purchased. | 1969-2019 |  | livestock |
| Seed purchased | 1000s of USD$ | Seed purchased. | 1969-2019 |  | seeds |
| Fertilizer and lime | 1000s of USD$ | Fertilizer, agricultural chemicals, and lime purchased (incl. ag. chemicals 1978-fwd). | 1969-2019 |  | fert\_lime |
| Petroleum products purchased | 1000s of USD$ | Petroleum products purchased. | 1969-2019 |  | petrol |
| Hired farm labor expenses | 1000s of USD$ | Cost of hired labor. | 1969-2019 |  | hired\_labor |
| All other production expenses | 1000s of USD$ | Machinery rental and custom work; animal health costs; and all other expenses. | 1969-2019 |  | oth\_exp |
| Value of inventory change | 1000s of USD$ | The estimated value of the net change in the farm inventories of livestock and crops that are held for sale during a given calendar year. | 1969-2019 |  | vic |
| Value of inventory change: livestock | 1000s of USD$ | The estimated value of the net change in the farm inventories of livestock commodities that are held for sale during a given calendar year. | 1969-2019 |  | vic\_live |
| Value of inventory change: crops | 1000s of USD$ | The estimated value of inventory change for crops is the estimated value of the net change in the farm inventories of crop commodities that are held for sale during a given calendar year. | 1969-2019 |  | vic\_crops |
| Value of inventory change: materials and supplies | 1000s of USD$ | the value of the net change in the farm inventories of materials and supplies (i.e., purchased inputs such as feed, seed, fertilizer, and chemicals) during a given calendar year. | 1969-2019 |  | vic\_mat |
| Cash receipts and other income | 1000s of USD$ | A measure of the gross receipts of all farms. It consists of the following items: the cash receipts from farm marketing of crops and livestock; the receipts from other farm-related activities, including recreational services, sales of forest products, and custom-feeding services performed by farm operators; the payments to farmers under several Federal Government farm subsidy programs; the imputed value of home consumption, which is the value of the farm productions produced and consumed on farms; and the imputed gross rental value of farm dwellings. | 1969-2019 |  | cash\_income |
| Realized net income | 1000s of USD$ | Total cash receipts and other income less total production expenses. | 1969-2019 | Cash receipts and other income - Production expenses | net\_income |
| Net income including corporate farms | 1000s of USD$ | The net income that is received by the sole proprietorships, partnerships, and corporations that operate farms. | 1969-2019 | Realized net income + Value of inventory change | net\_income\_inclcorp |
| Net income of corporate farms | 1000s of USD$ | The net income of corporate farms arising from the current production of agricultural commodities. The estimates of farm cash receipts, other income, and production expenses include the income or loss from both privately owned and corporate farms. However, the income of corporate farms is not included in total net farm proprietors' income and is shown as a subtraction from total net farm income. | 1969-2019 |  | net\_income\_crop |
| Statistical adjustment | 1000s of USD$ | A simple mathematical rounding factor calculated to ensure that the sum of the state estimates, which are independently derived in thousand dollar units, add to even million dollar units at the U.S. level. | 1969-2019 |  | stat\_adj |
| Farm wages and salaries | 1000s of USD$ | The cash wages and pay-in-kind of hired laborers directly involved in the production of agricultural commodities, either livestock or crops. It includes the salaries received by the owner-operators of farm sole proprietorships, partnerships, and family held corporations. | 1969-2019 |  | wage\_sal |
| Farm supplements to wages and salaries | 1000s of USD$ | The contributions of farm employers to privately administered workmen's compensation, pensions, and welfare plans; and of the contributions of farm employers for government social insurance. | 1969-2019 |  | supp |
| Farm earnings | 1000s of USD$ |  | 1969-2019 | Farm proprietors' income + Farm wages and salaries + Farm supplements to wages and salaries | farm\_earn |
| **GDP** |  |  |  |  |  |
| Chained real GDP in $ | 1000s of chained 2012 USD$ | An inflation-adjusted measure of each area's gross product that is based on national prices for the goods and services produced within the area; measured in chained (2012) dollars. | 2000-2019 |  | real\_GDP |
| Chained real GDP Index | Index | A quantity index is an index number that measures the change in the level of a quantity from a base year, apart from any changes in relative prices. BEA uses chain-type annual-weighted indexes, also known as Fisher indexes, as its measure of real output and prices. The value of the quantity index is 100 for the base year. | 2000-2019 |  | CTQI\_real\_GDP |
| Current GDP | 1000s of USD$ | Each area's gross product that is based on national prices for the goods and services produced within the area; measured in current dollars. | 2000-2019 |  | current\_GDP |
| Change in GDP | Percentage points | Percent change in real GDP in the agriculture, forestry, fishing and hunting sector. | 2000-2019 |  | perc\_change\_GDP\_ag |
| Current GDP, Agriculture | 1000s of USD$ | Each area's gross product that is based on national prices for the goods and services produced within the area in the agriculture, forestry, fishing and hunting sector; measured in current dollars. | 2000-2019 |  | current\_GDP\_ag |
|  |  |  |  |  |  |
| Chained real GDP Index, Agriculture | Index | Chain-type annual-weighted indexes, also known as Fisher indexes, as a measure of real output and prices in the agriculture, forestry, fishing and hunting sector. The value of the quantity index is 100 for the base year. | 2000-2019 |  | CTQI\_real\_GDP \_ag |
| Chained real GDP in $, Agriculture | 1000s of chained 2012 USD$ | An inflation-adjusted measure of each area's gross product that is based on national prices for the goods and services produced within the area in the agriculture, forestry, fishing and hunting sector; measured in chained (2012) dollars. | 2000-2019 |  | real\_GDP\_ag |
| **Employment** |  |  |  |  |  |
| Total employment, SIC | # of jobs | A count of jobs, both full-time and part-time. It includes wage and salary jobs, sole proprietorships, and individual general partners, but not unpaid family workers nor volunteers, by SIC industry. | 1969-2000 |  | totjobs\_SIC |
| Total employment, NAICS | # of jobs | ‘’, by NAICS industry. | 2001-2019 |  | totjobs\_NAICS |
| Proprietors’ employment, SIC | # of jobs | Farm proprietors employment and nonfarm proprietors employment, by SIC industry. | 1969-2000 |  | prop\_SIC |
| Proprietors’ employment, NAICS | # of jobs | ‘’, by NAICS industry. | 2001-2019 |  | prop\_NAICS |
| Farm proprietors’ employment, SIC | # of jobs | Consists of sole proprietors and non-corporate partners in the farm industry, by SIC industry. | 1969-2000 |  | farmprop\_SIC |
| Farm proprietors’ employment, NAICS | # of jobs | ‘’, by NAICS industry. | 2001-2019 |  | farmprop\_NAICS |
| Farm employment, SIC | # of jobs | The number of workers engaged in the direct production of agricultural commodities, either livestock or crops; whether as a sole proprietor, partner, or hired laborer, by SIC industry. | 1969-2000 |  | farmempl\_SIC |
| Farm employment, NAICS | # of jobs | ‘’, by NAICS industry. | 2001-2019 |  | farmempl\_NAICS |
|  |  |  |  |  |  |
| Farm proprietors’ employment | # of jobs | Consists of sole proprietors and non-corporate partners in the farm industry. | 1969-2019 |  | farmprop\_employ |
| Nonfarm proprietors’ employment | # of jobs | The number of nonfarm sole proprietorships and the number of individual general partners in nonfarm partnerships. | 1969-2019 |  | nonfarmprop\_employ |
| **Income & earnings** |  |  |  |  |  |
| Personal income | 1000s of USD$ | Consists of the income that persons receive in return for their provision of labor, land, and capital used in current production as well as other income, such as personal current transfer receipts. In the state and local personal income accounts the personal income of an area represents the income received by or on behalf of the persons residing in that area. It is calculated as the sum of wages and salaries, supplements to wages and salaries, proprietors' income with inventory valuation (IVA) and capital consumption adjustments (CCAdj), rental income of persons with capital consumption adjustment (CCAdj), personal dividend income, personal interest income, and personal current transfer receipts, less contributions for government social insurance plus the adjustment for residence. | 1969-2019 |  | pers\_income |
| Population | # of persons | The number of individuals (both civilian and military) who reside in a county. | 1969-2019 |  | pop |
| Per capita income | USD$ / person | The personal income of a county divided by the resident population. | 1969-2019 |  | percap\_income |
| Farm income | 1000s of USD$ | Wages and salaries, employer contributions for employee pension and insurance funds, and proprietors' income in the farm industry (NAICS subsectors 111-Crop Production and 112-Animal Production). Farm personal income comprises the net personal income of sole proprietors, partners, and hired laborers arising directly from the current production of agricultural commodities, both livestock and crops. It excludes corporate farm income. | 1969-2019 |  | farm\_income |
| Farm proprietors’ income | 1000s of USD$ | Farm proprietors' income consists of the income that is received by the sole proprietorships and the partnerships that operate farms. It excludes the income that is received by corporate farms. | 1969-2019 |  | farmprop\_income |
| Average farm proprietors’ income | USD$ | Derived\* | 1969-2019 | farmprop\_income\*1000/farmprop\_employ | ave\_farminc |
| Nonfarm proprietors’ income | 1000s of USD$ | Consists of the income that is received by nonfarm sole proprietorships and partnerships and the income that is received by tax-exempt cooperatives. | 1969-2019 |  | nonfarmprop\_income |
| Average nonfarm proprietors’ income | USD$ | Derived\* | 1969-2019 | nonfarmprop\_income\*1000/nonfarmprop\_employ | ave\_nonfarminc |
| Farm earnings, SIC | 1000s of USD$ | Farm labor and proprietors' income is comprised of the net income of sole proprietors, partners, and hired laborers arising directly from the current production of agricultural commodities, either livestock or crops. It includes net farm proprietors' income and the wages and salaries, pay-in-kind, and other labor income of hired farm laborers; but specifically excludes the income of farm corporations, by SIC industry. | 1969-2000 |  | farm\_earn\_sic |
| Farm earnings, NAICS | 1000s of USD$ | ‘’, by NAICS industry. | 2001-2019 |  | farm\_earn\_naics |
| Nonfarm earnings, SIC | 1000s of USD$ | Nonfarm Earnings is the sum of wages and salaries, supplements to wages and salaries, and proprietors' income for all industries, excluding farm. | 1969-2000 |  | nonfarm\_earn\_sic |
| Nonfarm earnings, NAICS | 1000s of USD$ | The sum of wages and salaries, supplements to wages and salaries, and proprietors' income for all industries, excluding farm. | 2001-2019 |  | nonfarm\_earn\_naics |
| Agricultural services earnings, SIC | 1000s of USD$ | Agricultural Services (SIC) includes establishments primarily engaged in performing soil preparation services, crop services, veterinary services, other animal services, farm labor and management services, and landscape and horticultural services, for others on a contract or fee basis, earnings by SIC industry. | 1969-2000 |  | agserv\_earn\_sic |
| Snap benefits | 1000s of USD$ | Benefits issued to qualifying low-income individuals in order to supplement their ability to purchase food. The state estimates are based on tabulations of the value of the distributed benefits from the Department of Agriculture. The state estimates are allocated to counties based on payments data from the various state departments of social services. When payment data are not available, data on the number of SNAP recipients from Census Bureau's Small Area Income and Poverty Estimates program are used to extrapolate or interpolate. | 1969-2019 |  | snap |
| **Compensation of employees** |  |  |  |  |  |
| Compensation of employees, SIC | 1000s of USD$ | The total remuneration, both monetary and in kind, payable by employers to employees in return for their work during the period. It consists of wages and salaries and of supplements to wages and salaries. Compensation is presented on an accrual basis--that is, it reflects compensation liabilities incurred by the employer in a given period regardless of when the compensation is actually received by the employee, by SIC industry. | 1998-2000 |  | comp\_sic |
| Compensation of employees, NAICS | 1000s of USD$ | ‘’, by NAICS industry. | 2001-2019 |  | comp\_naics |
| Farm compensation, SIC | 1000s of USD$ | Farm compensation is the sum of farm wages and salaries and farm supplements to wages and salaries, by SIC industry. | 1998-2000 |  | farm\_comp\_sic |
| Farm compensation, NAICS | 1000s of USD$ | ‘’, by NAICS industry. | 2001-2019 |  | farm\_comp\_naics |
| Agricultural services, SIC | 1000s of USD$ | Agricultural Services (SIC) includes establishments primarily engaged in performing soil preparation services, crop services, veterinary services, other animal services, farm labor and management services, and landscape and horticultural services, for others on a contract or fee basis, compensation of employees by SIC industry. |  |  | agserv\_comp\_sic |
| **Flow of earnings** |  |  |  |  |  |
| Inflows of earnings | 1000s of USD$ |  | 1990-2019 |  | inflow\_earn |
| Outflows of earnings | 1000s of USD$ |  | 1990-2019 |  | outflow\_earn |
| Adjustments for residence | 1000s of USD$ |  | 1990-2019 |  | resid\_adj |