

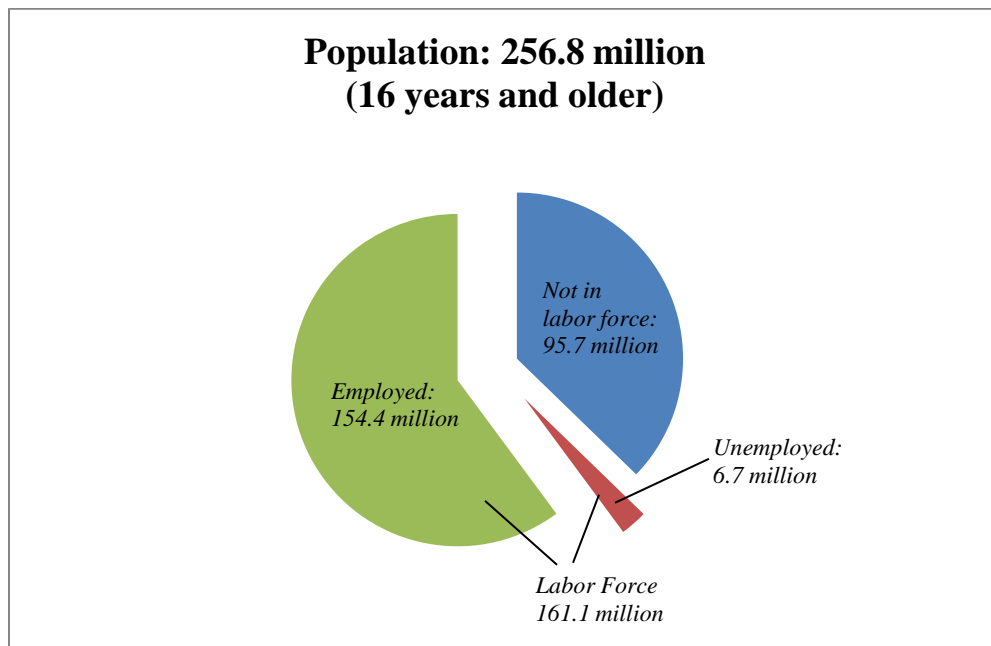
1. Complete a table similar to Table 2-1 on page 29 of your textbook using the most recent GDP data available (4<sup>th</sup> Quarter 2017). Calculating the per person values requires that you to divide by the U.S. population. Population data is available at [www.census.gov](http://www.census.gov).

### GDP and the Components of Expenditure: 4<sup>th</sup> Quarter 2017

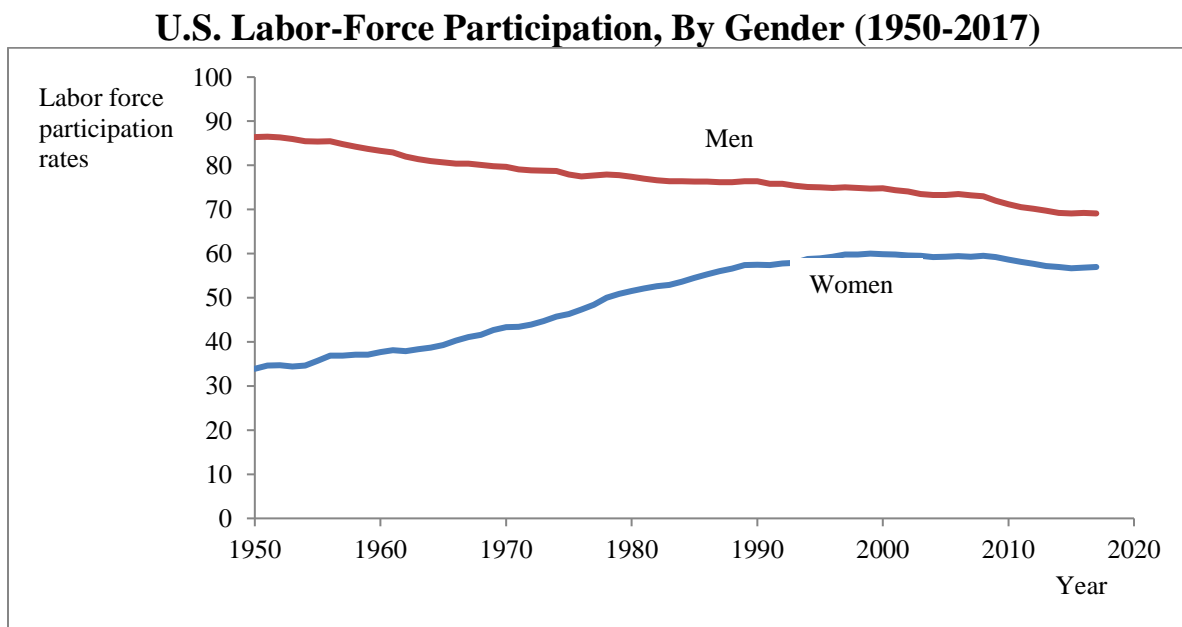
	Total (billions of dollars)	Per Person (dollars)
<b>Gross Domestic Product</b>	19,739	60,336
<b>Consumption</b>	13,647	41,715
Nondurable goods	2,888	8,828
Durable goods	1,521	4,648
Services	9,239	28,240
<b>Investment</b>	3,287	10,046
Nonresidential fixed investment	2,513	7,681
Residential fixed investment	765	2,337
Inventory investment	9	27
<b>Government Purchases</b>	3,405	10,407
Federal	1,279	3,910
Defense	760	2,322
Nondefense	520	1,588
State and local	2,126	6,497
<b>Net Exports</b>	-599	-1,832
Exports	2,419	7,395
Imports	3,019	9,227

Sources: [www.bea.gov](http://www.bea.gov), NIPA Table 1.1.5. I used the current of 327, 150, 650 from the "U.S. Population Clock" on 06 February 2018. <https://www.census.gov/popclock/>

2. Produce a pie chart similar to Figure 2-4 on page 39 of your textbook using seasonally-adjusted January 2018 data (this data will be available on Friday, February 2).



3. Produce a graph similar to Figure 2-5 on page 40 of your textbook for 1950-2017. Gather Not Seasonally Adjusted annual data.



4. Produce a table similar to Table 4-1 on page 87 of your textbook using seasonally-adjusted December 2017 data. You can find the necessary data at [www.federalreserve.gov](http://www.federalreserve.gov). Look for “Money Stock Measures – H.6.”

### The Measures of Money

Symbol	Assets Included	Amount in December 2017 (billions of dollars)
C	Currency	1,526
M1	Currency plus demand deposits, traveler's checks, and other checkable deposits	3,600
M2	M1 plus retail money mutual fund balances, savings deposits (including money market deposits accounts), and small time deposits	13,834

Source: [www.federalreserve.gov](http://www.federalreserve.gov), Money Stock Measures- H.6, Table 1 and Table 3

5. Produce a graph similar to Figure 4-1 on page 97 of your textbook for 1960-2017. You can find the necessary by using the FRED (Federal Reserve Economic Data) data tool available at <http://research.stlouisfed.org/fred2/>. Graph the annual Total Monetary Base (not seasonally adjusted) for 1960-2017.

### Monetary Base (1960-2017)

