Below is an overview of the specific significant changes in the **OpenStax Macroeconomics 2e for AP**® **Courses**. Note that in addition to these specific changes, every chapter was edited for clarity, language, and minor updating. While those several thousand more minor edits were necessary, we do not believe they are impactful on teaching or overall coverage, and as such they are not listed here. FRED Data and references

Section	Section Title	Significant Revisions and Updates
1.1	What Is Economics, and Why Is It	Inserted General Note on FRED Data
	How Economists Use Theories and Models	Updated Circular Flow Diagram and added more detail to
1.3	to Understand Economic Issues	explanation.
	How To Organize Economies: An Overview	Updated data in tables on Economic Freedom by Nation and
1.4	of Economic Systems	High/Middle/Low Income GDP by Nation
		Minor reordering and clarification; new paragraph explaning Figure
	How Individuals Make Choices Based on	2.2 ("Budget Constraint") and at end of section to reconcile the
2.1	Their Budget Constraint	example.
	Demand, Supply, and Equilibrium in	Reordered Table 3.1 and Figure 3.2, both focused on the
3.1	Markets for Goods and Services	Demand Curve and Price/Quantiy of Gasoline.
		Throughout entire section, nearly complete replacement of 1st
3.4	Price Ceilings and Price Floors	edition material with new material.
		Approximately ten new end-of-chapter assessments have been
		added in order to provide more specific learning opportunities.
3	End of Chapter	These result in number shifting of the remaining EOC questions.
4.1	Demand and Supply at Work in Labor	Revisions to Table 4.2 Factors That Can Shift Demand
4.2	Demand and Supply in Financial Markets	Addition of FRED Link and Note, minor updating to offer more
		Revisions to Figures 4.10 and 4.11 Impacts of Demand and
	The Market System as an Efficient	Supply for Nurses, and the related discussion of nursing labor
4.3	Mechanism for Information	market
5.2	Polar Cases of Elasticity and Constant	Complete reworking of Figure 5.6 (Elasticicty Demand Curve)

6.1 Measuring the Size of the Economy	Updated Table 6.1 (Overall GDP Components) and Figure 6.3 to 2016 data. Also updated table 6.2 and Figure 6.5 (Production GDP Components) to 2016 data.
6.3 Tracking GDP Over Time	Updated Figure 16.10 (US GDP Over Time) to 2016 Data
7.2 Labor Productivity and Economic Growth	Updated Table 7.2 (Australia/Belgium Comparison) to 2015 Data
8 Chapter 8 (Unemployment) Introduction	Replaced 1st edition Bring it Home vignette with "Unemployment and the Great Recession."
How Economics Define and Compute 8.1 Unemployment Rate	Figure 8.2, Table 8.1 and related discussion regarding Employment and Unemployment Rates have been updated to 2017 Data. Work It Out feature includes real 2017 data.
8.2 Patterns of Unemployment	Figure 8.4 (Unemployment Rate by Demographic) updated to 2016 data;. Table 8.2 (Reasons for Unemployment) and Table 8.3 (Length of Unemployment) updated to 2017 data.
What Causes Changes in Unemployement 8.4 in the Long Run 9.1 Tracking Inflation	Updated Table 8.5 (Weekly Unemployment Benefits by State) to 2017 data. Bring it Home conclusion is again changed to "Unemployment and the Great Recession." Table 9.1 (Price Comparisons) updated to 2017 prices.
How the US and Other Countries 9.3 Experience Inflation	Figure 9.3 (Price Level and Inflation Rates) updated to 2016 data. Figure 9.4 (Countries with Relatively Low Inflation Rates) updated to 2016 data. Figure 9.5 (Countries with Relatively High Inflation Rates) updated to 2016 data. Figure 9.6 (Minimum Wage and Inflation) updated to 2016 data, which now demonstrates that the real wage has fellent <i>under</i> the
9.4 Confusion Over Inflation	nominal.
10.1 Measuring Trade Balances	Table 10.1 (Components of the Current US Account Balance) updated to 2015 Data.

Trade Balances in Historical and 10.2 International Context	Figure 10.2 (Current Account Balance and Merchandise Trade Balance) Updated to 2015 data. Table 10.4 (Level and Balance of Trade) updated to 2015 data.
11.4 Shifts in Aggregate Demand	Link It Up features on Consumer and Business Confidence moved to this section from Section 11.5.
12.2 The Building Blocks of Keynesian Analysis	Figure 12.6 (Keynsian Perspective of Recession) detailed caption completely revised
12.3 The Phillips Curve	Figure 12.11 (Fighting Recession and Inflation with Keynesian Policy) modified to provide better guidance for students.
The Building Blocks of Neoclassical 13.1 Analysis	Figure 13.2 (Potential and Actual GDP) updated to 2017 data and slightly revised
16.1 How the Foreign Exchange Market Works	Figure 16.1 (Currencies Most Traded on Foreign Exchange Markets) updated to 2016 data, and therefore reordered. Figure 16.3 (Strengthen/Appreciate vs. Weaken/Depreciate, aka US vs Canadian Dollar) updated to 2016 data. Discussion updated with new numbers.
Demand and Supply Shift in Foreign 16.2 Exchange Markets	Significan changes in quantities and verbiage in Purchasing Power Parity discussion.
17.1 Government Spending	Figure 17.2 (Federal Spending) Updated and Expanded
Using Fiscal Policy to Fight Recession, 17.4 Unemployent and Inflation	Significant rewriting to update and balance the discussion of the stimulus package and related government efforts.

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