

Third Quarter 2011 Re-Benchmarked Estimates of Payroll Employment

Based on the ES-202 release through the third quarter of 2011, *MassBenchmarks* estimates that the number of payroll jobs (on a seasonally adjusted basis) for September 2011 is 3,241,600, or 36,600 more than the official payroll job count of 3,205,000 from the Bureau of Labor Statistics (BLS). Half the gains are due to two sectors: Leisure and Hospitalityⁱ (+10,200) and (private) education (+7,100).

There were minor revisions for the first six months of 2011, due to revisions in the ES-202 for January-June 2011.

A comparison of the official CES-790 payroll employment, pre- and post-benchmark, along with *MassBenchmarks* estimates of re-benchmarked payroll employment, are given in the first table. The pre-benchmarked column contains the official CES-790 payroll job count prior to the benchmark release on March 8th. The post-benchmark column contains the official CES-790 job count, which will be officially revised in March 2013. The re-benchmark column contains our revised estimate of 790-based payroll employment based on the BLS's release of the ES-202 for the third quarter of 2011.

A summary of the revisions by sector are given in the following table. The complete set of estimates by sector can be found in the spreadsheet file "rebenchmark_2011q3.xlsx". For an explanation of this spreadsheet file and the methodology behind the estimates, see the document "A Simple Methodology for Using UI-Based Payroll Employment to Adjust CES-790 Survey-Based Estimates of Payroll Employment". For a discussion of the problems with the CES-790 survey and the BLS's benchmarking procedure, see "Endnotes" in *MassBenchmarks* (vol 14, issue 1).

Pre-, Post- and Re-Benchmarked Estimates of Nonagricultural Payroll Employment (thousands of jobs)

	Official CES-790		Unofficial MassBenchmarks	
	Pre-Benchmark	Post-Benchmark	Re-Benchmark	Revision
Vintage of Data	Pre March 8	March 8	March 28	
Jan-10	3,181.2	3,177.8	3,177.8	0.0
Feb-10	3,177.3	3,174.8	3,174.8	0.0
Mar-10	3,178.9	3,176.6	3,176.6	0.0
Apr-10	3,187.2	3,184.8	3,184.8	0.0
May-10	3,197.3	3,197.6	3,197.6	0.0
Jun-10	3,185.1	3,187.1	3,187.1	0.0
Jul-10	3,190.0	3,191.6	3,191.6	0.0
Aug-10	3,187.6	3,191.2	3,191.2	0.0
Sep-10	3,183.0	3,189.6	3,189.6	0.0
Oct-10	3,189.3	3,202.7	3,202.7	0.0
Nov-10	3,189.8	3,201.4	3,201.4	0.0
Dec-10	3,193.8	3,202.7	3,202.7	0.0
Jan-11	3,195.4	3,206.2	3,209.7	3.5
Feb-11	3,209.8	3,207.7	3,211.8	4.1
Mar-11	3,208.5	3,211.3	3,216.1	4.8
Apr-11	3,228.8	3,215.5	3,219.2	3.7
May-11	3,224.7	3,212.5	3,216.7	4.2
Jun-11	3,234.1	3,209.2	3,215.5	6.3
Jul-11	3,244.5	3,206.5	3,230.6	24.1
Aug-11	3,234.0	3,203.0	3,231.3	28.3
Sep-11	3,228.5	3,205.0	3,241.6	36.6
Oct-11	3,240.4	3,212.1		
Nov-11	3,240.7	3,211.4		
Dec-11	3,234.5	3,211.8		

Sources: Official CES-790: Bureau of Labor Statistics; Unofficial: MassBenchmarks using ES-202 from the Bureau of Labor Statistics

Note: The revisions are the re-benchmarked employment minus the post-benchmarked employment.

**Summary of Revisions to September 2011 Payroll
Employment (thousands of jobs)**

Sheet	Sector	Revision
NRM	Natural Resources and Mining	0.5
CON	Construction	4.2
MFG	Manufacturing	-2.2
WT	Wholesale Trade	-0.6
RT	Retail Trade	2.8
TWU	Transportation, Warehousing, and Utilities	0.0
INF	Information	0.7
FI	Finance and Insurance	1.7
RE	Real Estate and Leasing	1.1
PT	Professional and Technical Services	1.7
MAN	Management of Companies and Enterprises	0.8
SUP	Administrative and Waste Services	1.9
ED	Educational Services	7.1
HE	Health Care and Social Assistance	4.5
EAR	Arts, Entertainment, and Recreation	4.6
AF	Accommodation and Food Services	5.6
OS	Other Services	-1.2
GF	Federal Government	-0.3
GS	State Government	3.8
GL	Local Government	-0.5
TOTAL	Total Nonagricultural Payroll Employment	36.6

Source: MassBenchmarks using ES-202 from the Bureau of Labor Statistics

Note: Sum does not equal total because of rounding. Sheet refers to the worksheet in the file "rebenchmark_2011q3.xlsx" for which the monthly estimates by sector can be found.

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April 9, 2012

ⁱ The Leisure and Hospitality sector is made up of two components: Arts, Entertainment and Recreation and Accommodation and Food Services.