

# **NEWS RELEASE**



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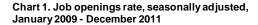
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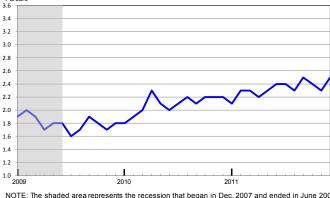
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## JOB OPENINGS AND LABOR TURNOVER – DECEMBER 2011

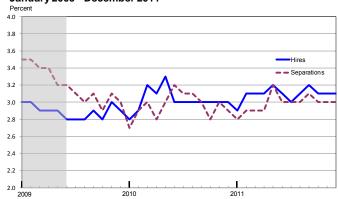
There were 3.4 million job openings on the last business day of December, up from 3.1 million in November, the U.S. Bureau of Labor Statistics reported today. The hires rate (3.1 percent) and separations rate (3.0 percent) were unchanged over the month. The job openings rate has trended upward since the end of the recession in June 2009. (Recession dates are determined by the National Bureau of Economic Research.) This release includes estimates of the number and rate of job openings, hires, and separations for the nonfarm sector by industry and by geographic region.





NOTE: The shaded area represents the recession that began in Dec. 2007 and ended in June 2009 as designated by the National Bureau of Economic Research (NBER).

## Chart 2. Hires and separations rates, seasonally adjusted, January 2009 - December 2011



NOTE: The shaded area represents the recession that began in Dec. 2007 and ended in June 2009 as designated by the National Bureau of Economic Research (NBER).

### **Job Openings**

The number of job openings in December was 3.4 million, up from 3.1 million in November. (See table 1.) Although the number of job openings remained below the 4.4 million openings when the recession began in December 2007, the number of job openings has increased 39 percent since the end of the recession in June 2009.

The number of job openings in December (not seasonally adjusted) increased over the year for total nonfarm and total private; the level was little changed for government. Several industries saw increases in the number of job openings over the year, while the number of job openings decreased for federal government. The South region experienced an increase in the number of job openings over the year. (See table 5.)

Table A. Job openings, hires, and total separations by industry, seasonally adjusted

Table A. Job openings, filles, and total s		o openir		ııy, scc	Hires	y auju.	Total separations			
Industry	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011			2011	2011 <sup>p</sup>	2010	2011		
	2010	2011	2011		(in thou		2010	2011	2011	
Total	2,921	3,118	3,376	3,905	_		3,836	3,986	3,909	
Total private <sup>1</sup>	· ·	2,766	3,009	3,631	3,853	3,765	3,539	3,686	3,593	
Construction	· ·	74	71	356	304	289	393	307	280	
Manufacturing	184	242	264	264	236	261	252	217	226	
Trade, transportation, and utilities <sup>2</sup>	463	541	571	756	800	803	718	730	731	
Retail trade	268	305	336	476	559	534	470	496	494	
Professional and business services	609	503	652	780	845	787	735	811	792	
Education and health services	510	609	588	465	472	487	450	459	460	
Leisure and hos pitality	270	411	402	596	733	715	583	697	694	
Arts, entertainment, and recreation	41	57	44	98	146	137	98	147	145	
Accommodation and food services	229	354	358	498	587	578	485	549	549	
Government <sup>3</sup>	421	353	367	274	278	282	297	300	315	
State and local government	319	299	302	242	247	250	269	266	282	
					es (perc			1		
Total	2.2	2.3	2.5	3.0	3.1	3.1	2.9	3.0	3.0	
Total private <sup>1</sup>	2.3	2.5	2.7	3.4	3.5	3.4	3.3	3.4	3.3	
Construction		1.3	1.3	6.5	5.5	5.2	7.2	5.6	5.0	
Manufacturing	1.6	2.0	2.2	2.3	2.0	2.2	2.2	1.8	1.9	
Trade, transportation, and utilities <sup>2</sup>	1.8	2.1	2.2	3.1	3.2	3.2	2.9	2.9	2.9	
Retail trade	1.8	2.0	2.2	3.3	3.8	3.6	3.3	3.4	3.4	
Professional and business services	3.5	2.8	3.6	4.6	4.9	4.5	4.3	4.7	4.6	
Education and health services	2.5	2.9	2.8	2.4	2.3	2.4	2.3	2.3	2.3	
Leisure and hospitality		3.0	2.9	4.6	5.5	5.4	4.5	5.2	5.2	
Arts, entertainment, and recreation	2.1	2.9	2.3	5.2	7.7	7.3	5.2	7.8	7.7	
Accommodation and food services	2.0	3.0	3.0	4.5	5.1	5.0	4.3	4.8	4.8	
Government <sup>3</sup>	1.9	1.6	1.6	1.2	1.3	1.3	1.3	1.4	1.4	
State and local government	1.6	1.5	1.6	1.2	1.3	1.3	1.4	1.4	1.5	

<sup>&</sup>lt;sup>1</sup> Includes mining and logging, information, financial activities, and other services, not shown separately.

#### Hires

In December, the hires rate was unchanged at 3.1 percent for total nonfarm. The hires rate was little changed over the month in all industries and regions. (See table 2.) The number of hires in December was 4.0 million, an increase of 12 percent since the end of the recession in June 2009.

Over the past 12 months, the hires rate (not seasonally adjusted) was little changed for total nonfarm, total private, and government. The hires rate was essentially unchanged over the year in all industries and regions. (See table 6.)

<sup>&</sup>lt;sup>2</sup>Includes wholesale trade and transportation, warehousing, and utilities, not shown separately.

<sup>&</sup>lt;sup>3</sup> Includes federal government, not shown separately.

<sup>&</sup>lt;sup>p</sup> = Preliminary

## **Separations**

The total separations figure includes voluntary quits, involuntary layoffs and discharges, and other separations, including retirements. Total separations is also referred to as turnover.

The seasonally adjusted total separations rate was unchanged in December for total nonfarm and government and little changed for total private. (See table 3.) Over the year, the total separations rate (not seasonally adjusted) was little changed for total nonfarm, total private, and government. (See table 7.)

The quits rate can serve as a measure of workers' willingness or ability to change jobs. In December, the quits rate was little changed for total nonfarm, total private, and government. (See table 4.) The number of quits rose from 1.5 million in January 2010 (the most recent trough) to 1.9 million in December, although it remained below the 2.8 million recorded when the recession began in December 2007.

The number of quits (not seasonally adjusted) in December 2011 was little changed from December 2010 for total nonfarm and total private but increased for government. The number of quits increased for state and local government. No region experienced a significant change in the number of quits over the year. (See table 8.)

The layoffs and discharges component of total separations is seasonally adjusted only at the total nonfarm, total private, and government levels. The layoffs and discharges rate was essentially unchanged in December 2011 for total nonfarm, total private, and government. The number of layoffs and discharges for total nonfarm was 1.6 million in December, down from a peak of 2.5 million in February 2009. For the 17 months ending in December 2011, the number of layoffs and discharges has been at or below 1.8 million—the level at the start of the recession in December 2007. (See table B.)

The layoffs and discharges level (not seasonally adjusted) for total nonfarm, total private, and government was little changed over the year. Over the year, the number of layoffs and discharges declined for construction. The number of layoffs and discharges increased for other services over the year. All four regions experienced little change in the number of layoffs and discharges. (See table 9.)

Table B. Layoffs and discharges, seasonally adjusted

	Levels	(in thou	sands)	Rates (percent)			
Industry	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	1,677	1,718	1,644	1.3	1.3	1.2	
Total private	1,549	1,604	1,528	1.4	1.5	1.4	
Government	128	114	115	0.6	0.5	0.5	

p = Preliminary

The other separations series is not seasonally adjusted. In December 2011, there were 330,000 other separations for total nonfarm, 259,000 for total private, and 72,000 for government. Compared to December 2010, the number of other separations was little changed for total nonfarm, total private, and government. (See table 10.)

## **Relative Contributions to Separations**

The total separations level is influenced by the relative contribution of its three components—quits, layoffs and discharges, and other separations. Other separations is historically a very small portion of total separations; it has rarely been above 10 percent of total separations. The percentage of total separations attributable to the individual components has varied over time at the total nonfarm level, but for the majority of the months since the series began in December 2000, the proportion of quits has exceeded the proportion of layoffs and discharges. For most of the months between November 2008 and November 2010, however, the proportion of layoffs and discharges was equal to or greater than the proportion of quits. Since November 2010, the series have returned to their historical pattern. In December 2011, the proportion of quits at the total nonfarm level was 49 percent, and the proportion of layoffs and discharges was 42 percent. (See table C.)

Table C. Quits and layoffs and discharges as a percentage of total separations, seasonally adjusted

(Levels in thousands)

			Q	uits			Layoffs and discharges						
	D	ec.	N	ov.	D	Dec.		Dec.		Nov.		ec.	
Industry	20	010	20	011	20	)11 <sup>p</sup>	20	010	20	011	20	)11 <sup>p</sup>	
ilidusti y		Portion		Portion		Portion		Portion		Portion		Portion	
	Level	of total	Level	of total	Level	of total	Level	of total	Level	of total	Level	of total	
Total	1,838	48%	1,955	49%	1,926	49%	1,677	44%	1,718	43%	1,644	42%	
Total private	1,731	49%	1,835	50%	1,790	50%	1,549	44%	1,604	44%	1,528	43%	
Government	107	36%	120	40%	135	43%	128	43%	114	38%	115	37%	

p = Preliminary

## **Net Change in Employment**

Large numbers of hires and separations occur every month throughout the business cycle. Net employment change results from the relationship between hires and separations. When the number of hires exceeds the number of separations, employment rises, even if the hires level is steady or declining. Conversely, when the number of hires is less than the number of separations, employment declines, even if the hires level is steady or rising. Over the 12 months ending in December 2011, hires totaled 48.4 million and separations totaled 47.0 million, yielding a net employment gain of 1.4 million. These figures include workers who may have been hired and separated more than once during the year.

The Job Openings and Labor Turnover Survey results for January 2012 are scheduled to be released on Tuesday, March 13, 2012 at 10:00 a.m. (EDT).

### **Upcoming changes to the JOLTS Data**

With the release of January data on March 13, BLS will revise the job openings, hires, and separations data to incorporate the annual updates to the Current Employment Statistics employment estimates and the JOLTS seasonal adjustment factors. Unadjusted data and seasonally adjusted data from December 2006 forward are subject to revision. In addition, a revised/birth death model will be implemented resulting in possible revisions to the full data series. Also effective with the release of January data, JOLTS will adopt the 2012 version of the North American Industrial Classification System (NAICS). Changes in the 2012 NAICS structure are minor and will not impact the published JOLTS data series.

## **Technical Note**

The data for the Job Openings and Labor Turnover Survey (JOLTS) are collected and compiled monthly from a sample of business establishments by the Bureau of Labor Statistics (BLS).

#### Collection

In a monthly survey of business establishments, data are collected for total employment, job openings, hires, quits, layoffs and discharges, and other separations. Data collection methods include computer-assisted telephone interviewing, touchtone data entry, web, fax, e-mail, and mail.

#### Coverage

The JOLTS program covers all private nonfarm establishments such as factories, offices, and stores, as well as federal, state, and local government entities in the 50 states and the District of Columbia.

#### Concepts

Industry classification. The industry classifications in this release are in accordance with the 2007 version of the North American Industry Classification System (NAICS). In order to ensure the highest possible quality of data, State Workforce Agencies verify with employers and update, if necessary, the industry code, location, and ownership classification of all establishments on a 3-year cycle. Changes in establishment characteristics resulting from the verification process are always introduced into the JOLTS sampling frame with the data reported for the first month of the year.

**Employment.** Employment includes persons on the payroll who worked or received pay for the pay period that includes the 12th day of the reference month. Fulltime, part-time, permanent, short-term, seasonal, salaried, and hourly employees are included, as are employees on paid vacations or other paid leave. Proprietors or partners of unincorporated businesses, unpaid family workers, or persons on leave without pay or on strike for the entire pay period, are not counted as employed. Employees of temporary help agencies, employee leasing companies, outside contractors, and consultants are counted by their employer of record, not by the establishment where they are working.

**Job openings.** Establishments submit job openings information for the last business day of the reference month. A job opening requires that: 1) a specific position exists and there is work available for that position, 2) work could start within 30 days regardless of whether a suitable candidate is found, and 3) the employer is actively recruiting from outside the

establishment to fill the position. Included are fulltime, part-time, permanent, short-term, and seasonal openings. Active recruiting means that the establishment is taking steps to fill a position by advertising in newspapers or on the Internet, posting help-wanted signs, accepting applications, or using other similar methods.

Jobs to be filled only by internal transfers, promotions, demotions, or recall from layoffs are excluded. Also excluded are jobs with start dates more than 30 days in the future, jobs for which employees have been hired but have not yet reported for work, and jobs to be filled by employees of temporary help agencies, employee leasing companies, outside contractors, or consultants. The job openings rate is computed by dividing the number of job openings by the sum of employment and job openings and multiplying that quotient by 100.

Hires. Hires are the total number of additions to the payroll occurring at any time during the reference month, including both new and rehired employees, full-time and part-time, permanent, short-term and seasonal employees, employees recalled to the location after a layoff lasting more than 7 days, on-call or intermittent employees who returned to work after having been formally separated, and transfers from other locations. The hires count does not include transfers or promotions within the reporting site, employees returning from strike, employees of temporary help agencies or employee leasing companies, outside contractors, or consultants. The hires rate is computed by dividing the number of hires by employment and multiplying that quotient by 100.

Separations. Separations are the total number of terminations of employment occurring at any time during the reference month, and are reported by type of separation—quits, layoffs and discharges, and other separations. Quits are voluntary separations by employees (except for retirements, which are reported as other separations). Layoffs and discharges are involuntary separations initiated by the employer and include layoffs with no intent to rehire; formal layoffs lasting or expected to last more than 7 days; discharges resulting from mergers, downsizing, or closings; firings or other discharges for cause; terminations of permanent or short-term employees; and terminations of seasonal employees. Other separations include retirements, transfers to other locations, deaths, and separations due to disability. Separations do not include transfers within the same location or employees on strike.

The separations rate is computed by dividing the number of separations by employment and multiplying that quotient by 100. The quits, layoffs and discharges, and other separations rates are computed similarly, dividing the number by employment and multiplying by 100.

**Annual estimates.** Annual estimates of rates and levels of hires, quits, layoffs and discharges, other separations, and total separations are released with the January news release each year.

The JOLTS annual level estimates for hires, quits, layoffs and discharges, other separations, and total separations are the sum of the 12 published monthly levels. The annual rate estimates are computed by dividing the annual level by the Current Employment Statistics (CES) annual average employment level, and multiplying that quotient by 100. This figure will be approximately equal to the sum of the 12 monthly rates. Note that both the JOLTS and CES annual levels are rounded to the nearest thousand before the annual estimates are calculated. Consistent with BLS practices, annual estimates are published only for not seasonally adjusted data.

Annual estimates are not calculated for job openings because job openings are a stock, or point-in-time, measurement for the last business day of each month. Only jobs still open on the last day of the month are counted. For the same reason job openings cannot be cumulated throughout each month, annual figures for job openings cannot be created by summing the monthly estimates. Hires and separations are flow measures and are cumulated over the month with a total reported for the month. Therefore, the annual figures can be created by summing the monthly estimates.

#### Special collection procedures

An implied measure of employment change can be derived from the JOLTS data by subtracting separations from hires for a given month. Aggregating these monthly changes historically produced employment levels that overstated employment change as measured by CES at the total nonfarm level. Research into this problem showed that a significant amount of the divergence between the CES employment levels and the derived JOLTS employment levels was traceable to the Employment Services industry and to the State Government Education industry. In the former industry, businesses have a difficult time reporting hires and separations of temporary help workers. In the latter industry, employers have difficulty reporting hires and separations of student workers. BLS now devotes additional resources to the collection, editing, and review of data for these industries. BLS analysts more closely examine reported data that do not provide a consistent picture over time, and re-contact the respondents as necessary. Analysts work with the respondents to adjust their reporting practices as possible. Units that cannot be reconciled but are clearly incorrect on a consistent basis are not used; they are replaced by imputed values using standard techniques.

#### Sample and estimation methodology

The JOLTS survey design is a random sample of 16,000 nonfarm business establishments, including factories, offices, and stores, as well as federal, state, and local governments in the 50 states and the District of Columbia. The establishments are drawn from a universe of over 9.1 million establishments compiled as part of the operations of the Quarterly Census of Employment and Wages (QCEW) program. This program includes all employers subject to state Unemployment Insurance (UI) laws and federal agencies subject to Unemployment Compensation for Federal Employees (UCFE).

The sampling frame is stratified by ownership, region, industry sector, and size class. The JOLTS sample is constructed from individual panels of sample units drawn on an annual basis. The full annual sample consists of one certainty panel composed of only large units selected with virtual certainty based on their size and 24 non-certainty panels. Each month a new noncertainty panel is rolled into collection, and the oldest non-certainty panel is rolled out. This means that at any given time the JOLTS sample is constructed from panels from three different annual sampling frames. The entire sample of old plus new panels is poststratified and re-weighted annually to represent the most recent sampling frame. Additionally, the out-ofbusiness establishments are removed from the old panels. The annual sample is supplemented with a quarterly sample of birth establishments (i.e., new establishments) to better reflect the impact of younger establishments in the JOLTS sample.

JOLTS total employment estimates are benchmarked monthly to the employment estimates of the Current Employment Statistics (CES) survey. A ratio of CES to JOLTS employment is used to adjust the levels for all other JOLTS data elements.

#### JOLTS business birth/death model

As with any sample survey, the JOLTS sample can only be as current as its sampling frame. The time lag from the birth of an establishment until its appearance on the sampling frame is approximately one year. In addition, many of these new units may fail within the first year. Since these universe units cannot be reflected on the sampling frame immediately, the JOLTS sample cannot capture job openings, hires, and sepa-

rations from these units during their early existence. BLS has developed a model to estimate birth/death activity for current months by examining the birth/death activity from previous years on the QCEW and projecting forward to the present using an econometric technique known as X-12 ARIMA modeling. The birth/death model also uses historical JOLTS data to estimate the amount of "churn" (hires and separations) that exists in establishments of various sizes. The model then combines the estimated churn with the projected employment change to estimate the number of hires and separations taking place in these units that cannot be measured through sampling.

The model-based estimate of total separations is distributed to the three components—quits; layoffs and discharges; and other separations—in proportion to their contribution to the sample-based estimate of total separations. Additionally, job openings for the modeled units are estimated by computing the ratio of openings to hires in the collected data and applying that ratio to the modeled hires. The estimates of job openings, hires, and separations produced by the birth/death model are then added to the sample-based estimates produced from the survey to arrive at the estimates for openings, hires, and separations.

#### Seasonal adjustment

BLS seasonally adjusts several JOLTS series using the X-12 ARIMA seasonal adjustment program. Seasonal adjustment is the process of estimating and removing periodic fluctuations caused by events such as weather, holidays, and the beginning and ending of the school year. Seasonal adjustment makes it easier to observe fundamental changes in the level of the series, particularly those associated with general economic expansions and contractions. A concurrent seasonal adjustment methodology is used in which new seasonal adjustment factors are calculated each month, using all relevant data, up to and including the data for the current month.

JOLTS uses moving averages as seasonal filters in seasonal adjustment. JOLTS seasonal adjustment includes both additive and multiplicative seasonal adjustment models and REGARIMA (regression with autocorrelated errors) modeling to improve the seasonal adjustment factors at the beginning and end of the series and to detect and adjust for outliers in the series.

#### Alignment procedure

JOLTS hires minus separations should be comparable to the CES net employment change. However, definitional differences as well as sampling and non-sampling errors between the two surveys historically caused JOLTS to diverge from CES over time. To limit the divergence, and improve the quality of the JOLTS

hires and separations series, BLS implemented the Monthly Alignment Method. The Monthly Alignment Method applies the CES employment trends to the seasonally adjusted JOLTS implied employment trend (hires minus separations) forcing them to be approximately the same, while preserving the seasonality of the JOLTS data. First, the two series are seasonally adjusted and the difference between the JOLTS implied employment trend and the CES net employment change is calculated. Next, the JOLTS implied employment trend is adjusted to equal the CES net employment change through a proportional adjustment. This proportional adjustment procedure adjusts the two components (hires, separations) proportionally to their contribution to the total churn (hires plus separations). For example, if hires are 40 percent of the churn for a given month, they will receive 40 percent of the needed adjustment and separations will receive 60 percent of the needed adjustment. The adjusted hires and separations are converted back to not seasonally adjusted data by reversing the application of the original seasonal factors. After the Monthly Alignment Method has been used to adjust the level estimates, rate estimates are computed from the adjusted levels. The monthly alignment procedure assures a close match of the JOLTS implied employment trend with the CES trend. The CES series is considered a highly accurate measure of net employment change owing to its very large sample size and annual benchmarking to universe counts of employment from the OCEW program.

#### **Using JOLTS data**

The JOLTS data series on job openings, hires, and separations are relatively new. The full sample is divided into panels, with one panel enrolled each month. A full complement of panels for the original data series based on the 1987 Standard Industrial Classification (SIC) system was not completely enrolled in the survey until January 2002. The supplemental panels of establishments needed to create NAICS estimates were not completely enrolled until May 2003. The data collected up until those points are from less than a full sample. Therefore, estimates from earlier months should be used with caution, as fewer sampled units were reporting data at that time.

In March 2002, BLS procedures for collecting hires and separations data were revised to address possible underreporting. As a result, JOLTS hires and separations estimates for months prior to March 2002 may not be comparable to estimates for March 2002 and later.

The federal government reorganization that involved transferring approximately 180,000 employees to the new Department of Homeland Security is not reflected in the JOLTS hires and separations estimates for the

federal government. The Office of Personnel Management's record shows these transfers were completed in March 2003. The inclusion of transfers in the JOLTS definitions of hires and separations is intended to cover ongoing movements of workers between establishments. The Department of Homeland Security reorganization was a massive one-time event, and the inclusion of these intergovernmental transfers would distort the federal government time series.

#### Reliability of the estimates

JOLTS estimates are subject to both sampling and nonsampling error. When a sample rather than the entire population is surveyed, there is a chance that the sample estimates may differ from the "true" population values they represent. The exact difference, or sampling error, varies depending on the particular sample selected, and this variability is measured by the standard error of the estimate. BLS analysis is generally conducted at the 90-percent level of confidence. That means that there is a 90-percent chance, or level of

confidence, that an estimate based on a sample will differ by no more than 1.6 standard errors from the "true" population value because of sampling error. Estimates of sampling errors are available upon request.

The JOLTS estimates also are affected by non-sampling error. Nonsampling error can occur for many reasons, including the failure to include a segment of the population, the inability to obtain data from all units in the sample, the inability or unwillingness of respondents to provide data on a timely basis, mistakes made by respondents, errors made in the collection or processing of the data, and errors from the employment benchmark data used in estimation.

#### Other information

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1. Job openings levels 1 and rates 2 by industry and region, seasonally adjusted

			Levels	<sup>3</sup> (in thou	usands)						Rates			
Industry and region	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.
	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>
Total	2,921	3,213	3,129	3,377	3,224	3,118	3,376	2.2	2.4	2.3	2.5	2.4	2.3	2.5
INDUSTRY														
Total private <sup>4</sup>	2,500	2,905	2,799	3,003	2,864	2,766	3,009	2.3	2.6	2.5	2.7	2.5	2.5	2.7
Construction	44	75	102	70	84	74	71	.8	1.3	1.8	1.3	1.5	1.3	1.3
Manufacturing	184	252	232	235	232	242	264	1.6	2.1	1.9	2.0	1.9	2.0	2.2
Trade, transportation, and utilities 5	463	540	490	561	552	541	571	1.8	2.1	1.9	2.2	2.2	2.1	2.2
Retail trade	268	312	324	328	306	305	336	1.8	2.1	2.2	2.2	2.1	2.0	2.2
Professional and business services	609	640	621	675	576	503	652	3.5	3.6	3.5	3.8	3.2	2.8	3.6
Education and health services	510	604	609	616	593	609	588	2.5	2.9	2.9	3.0	2.9	2.9	2.8
Leisure and hospitality	270	338	351	383	374	411	402	2.0	2.5	2.6	2.8	2.7	3.0	2.9
Arts, entertainment, and recreation	41	62	44	62	47	57	44	2.1	3.2	2.3	3.1	2.4	2.9	2.3
Accommodation and food services	229	276	307	321	328	354	358	2.0	2.4	2.6	2.8	2.8	3.0	3.0
Government <sup>6</sup>	421	309	329	374	360	353	367	1.9	1.4	1.5	1.7	1.6	1.6	1.6
State and local government	319	253	287	312	293	299	302	1.6	1.3	1.5	1.6	1.5	1.5	1.6
REGION <sup>7</sup>														
Northeast	548	570	589	586	552	593	656	2.2	2.2	2.3	2.3	2.1	2.3	2.5
South	1,023	1,192	1,108	1,273	1,223	1,219	1,380	2.1	2.4	2.3	2.6	2.5	2.5	2.8
Midwest	617	714	732	704	725	698	766	2.0	2.3	2.4	2.3	2.4	2.3	2.5
West	829	753	775	818	810	630	775	2.8	2.5	2.6	2.8	2.7	2.1	2.6

<sup>&</sup>lt;sup>1</sup> Job openings are the number of job openings on the last business day of the month.

Table 2. Hires levels <sup>1</sup> and rates <sup>2</sup> by industry and region, seasonally adjusted

			Levels	<sup>3</sup> (in thou	usands)						Rates			
Industry and region	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.
	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>
Total	3,905	3,976	4,060	4,150	4,042	4,132	4,046	3.0	3.0	3.1	3.2	3.1	3.1	3.1
INDUSTRY														
Total private <sup>4</sup>		3,733	3,785	3,885	3,785	3,853	3,765	3.4	3.4	3.5	3.6	3.5	3.5	3.4
Construction		334	309	367	339	304	289	6.5	6.0	5.6	6.6	6.1	5.5	5.2
Manufacturing		259	249	234	235	236	261	2.3	2.2	2.1	2.0	2.0	2.0	2.2
Trade, transportation, and utilities 5	756	767	779	778	816	800	803	3.1	3.1	3.1	3.1	3.3	3.2	3.2
Retail trade	476	552	526	547	550	559	534	3.3	3.8	3.6	3.8	3.8	3.8	3.6
Professional and business services	780	819	863	895	846	845	787	4.6	4.8	5.0	5.2	4.9	4.9	4.5
Education and health services	465	472	481	482	471	472	487	2.4	2.4	2.4	2.4	2.3	2.3	2.4
Leisure and hospitality	596	682	679	698	666	733	715	4.6	5.2	5.1	5.3	5.0	5.5	5.4
Arts, entertainment, and recreation	98	96	110	126	121	146	137	5.2	5.1	5.8	6.6	6.4	7.7	7.3
Accommodation and food services	498	586	569	572	545	587	578	4.5	5.2	5.0	5.0	4.8	5.1	5.0
Government <sup>6</sup>	274	243	275	264	257	278	282	1.2	1.1	1.2	1.2	1.2	1.3	1.3
State and local government	242	219	247	237	228	247	250	1.2	1.1	1.3	1.2	1.2	1.3	1.3
REGION <sup>7</sup>														
Northeast	680	675	604	662	667	666	630	2.7	2.7	2.4	2.6	2.7	2.6	2.5
South	1,513	1,488	1,526	1,592	1,577	1,568	1,545	3.2	3.1	3.2	3.3	3.3	3.3	3.2
Midwest	878	910	919	987	949	994	960	3.0	3.1	3.1	3.3	3.2	3.3	3.2
West	806	893	868	969	904	914	880	2.8	3.1	3.0	3.4	3.1	3.2	3.0

<sup>&</sup>lt;sup>1</sup> Hires are the number of hires during the entire month.

<sup>&</sup>lt;sup>2</sup> The job openings rate is the number of job openings on the last business day of the month as a percent of total employment plus job openings.

<sup>&</sup>lt;sup>3</sup> Detail will not necessarily add to totals because of the independent seasonal adjustment of the various series and because not all series are shown.

 $<sup>^4</sup>$  Includes mining and logging, information, financial activities, and other services, not shown separately.

 $<sup>^{\</sup>rm 5}$  Includes wholesale trade and transportation, warehousing, and utilities, not shown separately.

<sup>&</sup>lt;sup>6</sup> Includes federal government, not shown separately.

<sup>&</sup>lt;sup>7</sup> The States (including the District of Columbia) that comprise the regions are: Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; Midwest: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and

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<sup>&</sup>lt;sup>2</sup> The hires rate is the number of hires during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> Detail will not necessarily add to totals because of the independent seasonal adjustment of the various series and because not all series are shown.

<sup>&</sup>lt;sup>4</sup> Includes mining and logging, information, financial activities, and other services, not shown separately.

<sup>&</sup>lt;sup>5</sup> Includes wholesale trade and transportation, warehousing, and utilities, not shown separately.

<sup>&</sup>lt;sup>6</sup> Includes federal government, not shown separately.

<sup>&</sup>lt;sup>7</sup> See footnote 7, table 1.

p = Preliminary

Table 3. Total separations levels <sup>1</sup> and rates <sup>2</sup> by industry and region, seasonally adjusted

			Levels	<sup>3</sup> (in thou	usands)						Rates			
Industry and region	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.
	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>
Total	3,836	3,962	3,960	4,052	3,898	3,986	3,909	2.9	3.0	3.0	3.1	3.0	3.0	3.0
INDUSTRY														
Total private <sup>4</sup>	3,539	3,659	3,688	3,763	3,617	3,686	3,593	3.3	3.4	3.4	3.4	3.3	3.4	3.3
Construction	393	327	320	338	328	307	280	7.2	5.9	5.8	6.1	5.9	5.6	5.0
Manufacturing	252	239	250	238	216	217	226	2.2	2.0	2.1	2.0	1.8	1.8	1.9
Trade, transportation, and utilities 5	718	770	762	782	767	730	731	2.9	3.1	3.1	3.1	3.1	2.9	2.9
Retail trade	470	547	521	546	517	496	494	3.3	3.8	3.6	3.7	3.5	3.4	3.4
Professional and business services	735	806	824	850	817	811	792	4.3	4.7	4.8	4.9	4.7	4.7	4.6
Education and health services		431	444	414	440	459	460	2.3	2.2	2.2	2.1	2.2	2.3	2.3
Leisure and hospitality		670	689	693	634	697	694	4.5	5.1	5.2	5.2	4.8	5.2	5.2
Arts, entertainment, and recreation	98	97	113	137	105	147	145	5.2	5.1	6.0	7.2	5.5	7.8	7.7
Accommodation and food services	485	573	576	557	529	549	549	4.3	5.1	5.1	4.9	4.6	4.8	4.8
Government <sup>6</sup>	297	302	272	289	281	300	315	1.3	1.4	1.2	1.3	1.3	1.4	1.4
State and local government	269	271	240	255	250	266	282	1.4	1.4	1.2	1.3	1.3	1.4	1.5
REGION <sup>7</sup>														
Northeast	598	665	627	687	638	642	602	2.4	2.7	2.5	2.7	2.5	2.6	2.4
South	1,476	1,482	1,463	1,519	1,447	1,559	1,546	3.1	3.1	3.1	3.2	3.0	3.3	3.2
Midwest	841	905	903	877	846	853	833	2.8	3.0	3.0	2.9	2.8	2.9	2.8
West	759	853	812	901	814	855	837	2.7	3.0	2.8	3.1	2.8	3.0	2.9

<sup>&</sup>lt;sup>1</sup> Total separations are the number of total separations during the entire month.

Table 4. Quits levels 1 and rates 2 by industry and region, seasonally adjusted

			Levels	<sup>3</sup> (in tho	usands)						Rates			
Industry and region	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Dec.	July	Aug.	Sept.	Oct.	Nov.	Dec.
	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>	2010	2011	2011	2011	2011	2011	2011 <sup>p</sup>
Total	1,838	1,969	2,006	2,000	1,923	1,955	1,926	1.4	1.5	1.5	1.5	1.5	1.5	1.5
INDUSTRY														
Total private <sup>4</sup>	1,731	1,839	1,889	1,884	1,808	1,835	1,790	1.6	1.7	1.7	1.7	1.7	1.7	1.6
Construction	81	71	66	84	75	101	79	1.5	1.3	1.2	1.5	1.4	1.8	1.4
Manufacturing	107	101	98	97	102	117	109	.9	.9	.8	.8	.9	1.0	.9
Trade, transportation, and utilities 5	373	412	422	437	439	402	412	1.5	1.7	1.7	1.8	1.8	1.6	1.6
Retail trade	274	316	319	327	313	291	310	1.9	2.2	2.2	2.2	2.1	2.0	2.1
Professional and business services	335	391	383	391	341	375	359	2.0	2.3	2.2	2.3	2.0	2.2	2.1
Education and health services	244	238	268	246	239	243	255	1.2	1.2	1.3	1.2	1.2	1.2	1.3
Leisure and hospitality	368	401	432	406	381	373	371	2.8	3.0	3.3	3.1	2.9	2.8	2.8
Arts, entertainment, and recreation	41	44	48	45	44	35	48	2.2	2.3	2.6	2.4	2.3	1.8	2.5
Accommodation and food services	327	357	384	361	338	338	323	2.9	3.2	3.4	3.2	3.0	3.0	2.8
Government <sup>6</sup>	107	130	117	116	114	120	135	.5	.6	.5	.5	.5	.5	.6
State and local government	98	121	108	105	103	110	125	.5	.6	.6	.5	.5	.6	.7
REGION <sup>7</sup>														
Northeast	251	264	285	275	259	258	250	1.0	1.1	1.1	1.1	1.0	1.0	1.0
South	761	782	821	836	764	798	779	1.6	1.6	1.7	1.8	1.6	1.7	1.6
Midwest	411	476	495	440	437	435	436	1.4	1.6	1.7	1.5	1.5	1.5	1.5
West	343	460	447	433	423	415	423	1.2	1.6	1.5	1.5	1.5	1.4	1.5

<sup>&</sup>lt;sup>1</sup> Quits are the number of quits during the entire month.

<sup>&</sup>lt;sup>2</sup> The total separations rate is the number of total separations during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> Detail will not necessarily add to totals because of the independent seasonal adjustment of the various series and because not all series are shown.

<sup>&</sup>lt;sup>4</sup> Includes mining and logging, information, financial activities, and other services, not shown separately.

 $<sup>^{\</sup>rm 5}$  Includes whole sale trade and transportation, warehousing, and utilities, not shown separately.

<sup>&</sup>lt;sup>6</sup> Includes federal government, not shown separately.

<sup>&</sup>lt;sup>7</sup> See footnote 7, table 1.

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<sup>&</sup>lt;sup>2</sup> The quits rate is the number of quits during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> Detail will not necessarily add to totals because of the independent seasonal adjustment of the various series and because not all series are shown.

<sup>&</sup>lt;sup>4</sup> Includes mining and logging, information, financial activities, and other services, not shown separately.

 $<sup>^{\</sup>rm 5}$  Includes whole sale trade and transportation, warehousing, and utilities, not shown separately.

<sup>&</sup>lt;sup>6</sup> Includes federal government, not shown separately.

<sup>&</sup>lt;sup>7</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary

Table 5. Job openings levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

	Lev	els (in thousa	nds)	Rates			
Industry and region	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	2,583	2,761	2,987	1.9	2.0	2.2	
INDUSTRY							
Total private	2,215	2,433	2,643	2.0	2.2	2.3	
Mining and logging	21	23	34	2.8	2.8	3.9	
Construction	33	52	49	.6	.9	.9	
Manufacturing	159	203	229	1.3	1.7	1.9	
Durable goods	108	148	164	1.5	2.0	2.2	
Nondurable goods	50	55	65	1.1	1.2	1.4	
Trade, transportation, and utilities	353	467	446	1.4	1.8	1.7	
Wholesale trade	64	89	84	1.1	1.6	1.5	
Retail trade	192	270	245	1.3	1.8	1.6	
Transportation, warehousing, and utilities	97	108	117	2.0	2.2	2.3	
Information	73	89	96	2.6	3.2	3.5	
Financial activities	181	148	171	2.3	1.9	2.2	
Finance and insurance	160	110	150	2.7	1.9	2.6	
Real estate and rental and leasing	20	38	21	1.0	1.9	1.1	
Professional and business services	594	452	640	3.4	2.5	3.5	
Education and health services	492	582	551	2.4	2.8	2.6	
Educational services	41	51	44	1.2	1.5	1.3	
Health care and social assistance	451	531	507	2.6	3.0	2.9	
Leisure and hospitality	205	326	305	1.6	2.4	2.3	
Arts, entertainment, and recreation	28	49	28	1.6	2.7	1.6	
Accommodation and food services	177	278	276	1.6	2.4	2.4	
Other services	105	91	123	1.9	1.6	2.2	
Government	367	328	344	1.6	1.4	1.5	
Federal	81	47	53	2.8	1.7	1.8	
State and local	286	280	291	1.4	1.4	1.5	
REGION <sup>3</sup>							
Northeast	451	524	525	1.8	2.0	2.0	
South	919	1,068	1,244	1.9	2.2	2.5	
Midwest	530	597	607	1.7	1.9	2.0	
West	683	571	611	2.3	1.9	2.1	

<sup>&</sup>lt;sup>1</sup> Job openings are the number of job openings on the last business day of the month.

<sup>&</sup>lt;sup>2</sup> The job openings rate is the number of job openings on the last business day of the month as a percent of total employment plus job openings.

<sup>&</sup>lt;sup>3</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary

Table 6. Hires levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

	Lev	els (in thousa	nds)	Rates			
Industry and region	Dec. 2010	Nov. 2011	Dec.	Dec. 2010	Nov. 2011	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	2,841	3,687	2,919	2.2	2.8	2.2	
INDUSTRY							
Total private	2,680	3,488	2,747	2.5	3.2	2.5	
Mining and logging	12	19	<sup>′</sup> 21	1.7	2.3	2.6	
Construction	219	212	173	4.1	3.7	3.2	
Manufacturing	157	185	157	1.4	1.6	1.3	
Durable goods	93	113	96	1.3	1.5	1.3	
Nondurable goods	64	72	61	1.4	1.6	1.4	
Trade, transportation, and utilities	614	957	657	2.4	3.8	2.6	
Wholesale trade	84	73	94	1.5	1.3	1.7	
Retail trade	367	713	398	2.5	4.7	2.6	
Transportation, warehousing, and utilities	164	172	165	3.4	3.5	3.3	
Information	55	60	57	2.0	2.3	2.1	
Financial activities	137	143	118	1.8	1.9	1.5	
Finance and insurance	83	99	84	1.5	1.7	1.5	
Real estate and rental and leasing	54	44	34	2.8	2.3	1.7	
Professional and business services	629	769	607	3.7	4.4	3.5	
Education and health services	328	396	342	1.6	1.9	1.7	
Educational services	32	49	38	1.0	1.4	1.1	
Health care and social assistance	296	347	304	1.8	2.0	1.8	
Leisure and hospitality	417	602	490	3.3	4.6	3.8	
Arts, entertainment, and recreation	70	120	100	4.0	6.9	5.8	
Accommodation and food services	348	482	390	3.2	4.3	3.5	
Other services	112	144	125	2.1	2.7	2.3	
Government	161	200	172	.7	.9	.8	
Federal	23	27	24	.8	.9	.9	
State and local	138	173	148	.7	.9	.8	
REGION <sup>3</sup>							
Northeast	505	581	460	2.0	2.3	1.8	
South	1,125	1,445	1,154	2.4	3.0	2.4	
Midwest	613	834	663	2.1	2.8	2.2	
West	598	828	641	2.1	2.8	2.2	

<sup>&</sup>lt;sup>1</sup> Hires are the number of hires during the entire month.
<sup>2</sup> The hires rate is the number of hires during the entire month as a percent of total employment.
<sup>3</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary

Table 7. Total separations levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

	Lev	els (in thousa	nds)	Rates			
Industry and region	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	3,764	3,590	3,749	2.9	2.7	2.8	
INDUSTRY							
Total private	3,516	3,400	3,475	3.2	3.1	3.1	
Mining and logging	23	19	28	3.1	2.3	3.4	
Construction	445	318	306	8.3	5.6	5.6	
Manufacturing	227	205	204	2.0	1.7	1.7	
Durable goods	126	114	116	1.8	1.6	1.6	
Nondurable goods	102	91	89	2.3	2.0	2.0	
Trade, transportation, and utilities	794	641	779	3.1	2.5	3.0	
Wholesale trade	105	84	101	1.9	1.5	1.8	
Retail trade	506	438	498	3.4	2.9	3.3	
Transportation, warehousing, and utilities	183	118	180	3.7	2.4	3.6	
Information	70	60	63	2.6	2.3	2.4	
Financial activities	145	138	131	1.9	1.8	1.7	
Finance and insurance	92	87	96	1.6	1.5	1.7	
Real estate and rental and leasing	52	51	35	2.7	2.6	1.8	
Professional and business services	808	785	832	4.7	4.5	4.8	
Education and health services	402	367	419	2.0	1.8	2.1	
Educational services	52	38	49	1.6	1.1	1.5	
Health care and social assistance	350	329	369	2.1	1.9	2.2	
Leisure and hospitality	489	696	577	3.8	5.3	4.4	
Arts, entertainment, and recreation	75	177	117	4.3	10.2	6.8	
Accommodation and food services	414	519	460	3.8	4.6	4.1	
Other services	113	170	136	2.1	3.1	2.5	
Government	249	190	274	1.1	.8	1.2	
Federal	25	29	31	.9	1.0	1.1	
State and local	224	161	243	1.1	.8	1.2	
REGION <sup>3</sup>							
Northeast	646	613	596	2.6	2.4	2.4	
South	1,399	1,354	1,460	2.9	2.8	3.0	
Midwest	935	837	882	3.1	2.8	2.9	
West	784	785	811	2.7	2.7	2.8	

<sup>&</sup>lt;sup>1</sup> Total separations are the number of total separations during the entire month.

<sup>&</sup>lt;sup>2</sup> The total separations rate is the number of total separations during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary

Table 8. Quits levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

	Lev	els (in thousa	nds)	Rates			
Industry and region	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	1,518	1,597	1,547	1.2	1.2	1.2	
INDUSTRY							
Total private	1,437	1,517	1,443	1.3	1.4	1.3	
Mining and logging	7	10	11	1.0	1.2	1.3	
Construction	62	79	58	1.2	1.4	1.1	
Manufacturing	71	92	74	.6	.8	.6	
Durable goods	37	45	40	.5	.6	.5	
Nondurable goods	34	48	34	.8	1.1	.8	
Trade, transportation, and utilities	331	332	360	1.3	1.3	1.4	
Wholesale trade	32	37	33	.6	.7	.6	
Retail trade	250	242	281	1.7	1.6	1.9	
Transportation, warehousing, and utilities	49	54	45	1.0	1.1	.9	
Information	36	35	28	1.3	1.3	1.1	
Financial activities	68	59	67	.9	.8	.9	
Finance and insurance	41	36	49	.7	.6	.9	
Real estate and rental and leasing	27	24	18	1.4	1.2	.9	
Professional and business services	289	336	288	1.7	1.9	1.6	
Education and health services	203	195	215	1.0	1.0	1.1	
Educational services	22	16	20	.7	.5	.6	
Health care and social assistance	181	179	195	1.1	1.1	1.1	
Leisure and hospitality	298	301	289	2.3	2.3	2.2	
Arts, entertainment, and recreation	28	24	33	1.6	1.4	1.9	
Accommodation and food services	270	277	257	2.4	2.4	2.3	
Other services	72	77	53	1.3	1.4	1.0	
Government	81	79	104	.4	.4	.5	
Federal	7	7	8	.2	.3	.3	
State and local	75	72	96	.4	.4	.5	
REGION <sup>3</sup>							
Northeast	219	221	203	.9	.9	.8	
South	641	675	636	1.4	1.4	1.3	
Midwest	367	370	371	1.2	1.2	1.2	
West	291	331	337	1.0	1.1	1.2	

<sup>&</sup>lt;sup>1</sup> Quits are the number of quits during the entire month.
<sup>2</sup> The quits rate is the number of quits during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary

Table 9. Layoffs and discharges levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

	Lev	els (in thousa	nds)	Rates			
Industry and region	Dec.	Nov.	Dec.	Dec.	Nov.	Dec.	
	2010	2011	2011 <sup>p</sup>	2010	2011	2011 <sup>p</sup>	
Total	1,935	1,757	1,872	1.5	1.3	1.4	
INDUSTRY							
Total private	1,831	1,688	1,773	1.7	1.5	1.6	
Mining and logging	13	9	11	1.8	1.0	1.4	
Construction	380	232	240	7.0	4.1	4.4	
Manufacturing	128	102	111	1.1	.9	.9	
Durable goods	68	62	65	1.0	.8	.9	
Nondurable goods	60	40	46	1.4	.9	1.0	
Trade, transportation, and utilities	407	249	364	1.6	1.0	1.4	
Wholesale trade	64	36	58	1.2	.6	1.0	
Retail trade	222	161	185	1.5	1.1	1.2	
Transportation, warehousing, and utilities	121	52	121	2.5	1.1	2.4	
Information	30	24	28	1.1	.9	1.1	
Financial activities	60	67	38	.8	.9	.5	
Finance and insurance	36	43	22	.6	.8	.4	
Real estate and rental and leasing	24	24	16	1.2	1.3	.8	
Professional and business services	459	409	492	2.7	2.3	2.8	
Education and health services	157	145	141	.8	.7	.7	
Educational services	24	18	25	.7	.5	.7	
Health care and social assistance	133	127	116	.8	.7	.7	
Leisure and hospitality	168	364	270	1.3	2.8	2.1	
Arts, entertainment, and recreation	44	151	81	2.5	8.6	4.7	
Accommodation and food services	124	214	189	1.1	1.9	1.7	
Other services	29	87	78	.5	1.6	1.4	
Government	105	69	98	.5	.3	.4	
Federal	9	11	9	.3	.4	.3	
State and local	96	57	90	.5	.3	.5	
REGION <sup>3</sup>							
Northeast	379	343	322	1.5	1.4	1.3	
South	656	588	713	1.4	1.2	1.5	
Midwest	491	426	439	1.6	1.4	1.5	
West	409	399	398	1.4	1.4	1.4	

<sup>&</sup>lt;sup>1</sup> Layoffs and discharges are the number of layoffs and discharges during the entire month.

<sup>&</sup>lt;sup>2</sup> The layoffs and discharges rate is the number of layoffs and discharges during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> See footnote 7, table 1.

p = Preliminary

Table 10. Other separations levels <sup>1</sup> and rates <sup>2</sup> by industry and region, not seasonally adjusted

Total	Industry and region	Levels (in thousands)			Rates		
Total private							
Total private.         248         194         259         .2         .2         .2           Mining and logging.         3         1         5         .3         .1         .7           Construction.         3         8         9         .1         .1         .2           Manufacturing.         28         11         20         .2         .1         .2           Durable goods.         7         4         9         .2         .1         .2           Trade, transportation, and utilities.         56         59         55         .2         .2         .2           Wholesale trade.         10         11         10         .2         .2         .2         .2           Wholesale trade.         13         12         14         .3         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .3         .1         .1	Total	311	237	330	0.2	0.2	0.2
Mining and logging.         3         1         5         .3         .1         .7           Construction.         3         8         9         .1         .1         .2           Manufacturing.         28         11         20         .2         .1         .2           Durable goods.         7         4         9         .2         .1         .2           Trade, transportation, and utilities.         56         59         .55         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .1         .1         .1	INDUSTRY						
Construction         3         8         9         .1         .1         .2           Manufacturing         28         11         20         .2         .1         .2           Durable goods         21         8         11         .3         .1         .1           Nondurable goods         7         4         9         .2         .1         .2           Trade, transportation, and utilities         56         59         .55         .2         .2         .2           Wholesale trade         10         11         10         .2         .2         .2         .2           Retail trade         33         36         31         .2         .2         .2         .2           Transportation, warehousing, and utilities         13         12         .14         .3         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .2         .3         lance         .2         .2         .1         .3         .2         .4         .2		_	_				
Manufacturing.         28         11         20         2         1         2           Durable goods.         21         8         11         .3         .1         .1           Nondurable goods.         7         4         9         .2         .1         .2           Trade, transportation, and utilities.         56         59         55         .2         .2         .2           Wholesale trade.         10         11         10         .2         .2         .2           Retail trade.         33         36         31         .2         .2         .2           Transportation, warehousing, and utilities.         13         12         14         .3         .2         .2           Information.         5         1         7         .2         .1         .3           Information warehousing, and utilities.         13         12         14         .3         .2         .2           Transportation, warehousing, and utilities.         13         12         14         .3         .2         .2         .3           Information.         5         1         7         .2         .2         .1         .3           Informati		_	I				
Durable goods			_	_			
Nondurable goods						• •	
Trade, transportation, and utilities			_			• •	
Wholesale trade       10       11       10       2       2       2         Retail trade       33       36       31       2       2       2         Transportation, warehousing, and utilities       13       12       14       3       2       3         Information       5       1       7       2       1       3         Financial activities       17       12       26       2       2       3         Finance and insurance       15       9       24       3       2       4         Real estate and rental and leasing       2       3       2       1       1       1         Professional and business services       60       40       53       4       2       3         Education and health services       42       27       63       2       1       1       1         Educational services       42       27       63       2       1       3       3         Educational services       6       4       4       2       1       1       1         Health care and social assistance       36       23       59       2       1       3       2       1 <td></td> <td>·=</td> <td></td> <td>-</td> <td></td> <td></td> <td></td>		·=		-			
Retail trade							
Transportation, warehousing, and utilities       13       12       14       .3       .2       .3         Information       5       1       7       .2       .1       .3         Financial activities       17       12       26       .2       .2       .3         Finance and insurance       15       9       24       .3       .2       .4         Real estate and rental and leasing       2       3       2       .1       .1       .1         Professional and business services       60       40       53       .4       .2       .3         Education and health services       42       27       63       .2       .1       .1         Educational services       6       4       4       .2       .1       .1         Health care and social assistance       36       23       59       .2       .1       .1         Health care and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       13       5       5       .2				-			
Information				31			
Financial activities       17       12       26       .2       .2       .3         Finance and insurance       15       9       24       .3       .2       .4         Real estate and rental and leasing       2       3       2       .1       .1       .1         Professional and business services       60       40       53       .4       .2       .3         Education and health services       60       40       53       .4       .2       .3         Educational services       6       4       4       .2       .1       .1         Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1       .3         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3	Transportation, warehousing, and utilities	13	12	14			
Finance and insurance	Information	5	1	7	.2	I	
Real estate and rental and leasing       2       3       2       .1       .1       .1         Professional and business services       60       40       53       .4       .2       .3         Education and health services       42       27       63       .2       .1       .3         Educational services       6       4       4       .2       .1       .1         Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1       .3         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         Northeas			12	26			.3
Professional and business services       60       40       53       .4       .2       .3         Education and health services       42       27       63       .2       .1       .3         Educational services       6       4       4       .2       .1       .1         Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         Northeast       49       49       71       .2       .2       .2       .3         South       102	Finance and insurance	15	9	24	.3	.2	
Education and health services       42       27       63       .2       .1       .3         Educational services       6       4       4       .2       .1       .1         Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         Northeast       49       49       71       .2       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76 <t< td=""><td>Real estate and rental and leasing</td><td>2</td><td>3</td><td>2</td><td>.1</td><td></td><td></td></t<>	Real estate and rental and leasing	2	3	2	.1		
Educational services       6       4       4       2       1       1         Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         REGION³       49       49       71       .2       .2       .2       .3         Northeast       49       49       71       .2       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76       41 <td>Professional and business services</td> <td>60</td> <td>40</td> <td>53</td> <td></td> <td>.2</td> <td></td>	Professional and business services	60	40	53		.2	
Health care and social assistance       36       23       59       .2       .1       .3         Leisure and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         REGION 3         Northeast       49       49       71       .2       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76       41       72       .3       .1       .2       .2       .2	Education and health services	42	27	63		.1	.3
Leisure and hospitality       23       30       17       .2       .2       .1         Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         REGION <sup>3</sup> Northeast       49       49       71       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76       41       72       .3       .1       .2       .2       .2	Educational services	6	4	4	.2	.1	.1
Arts, entertainment, and recreation       3       2       3       .1       .1       .2         Accommodation and food services       20       28       14       .2       .2       .1         Other services       13       5       5       .2       .1       .1         Government       62       42       72       .3       .2       .3         Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         REGION 3         Northeast       49       49       71       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76       41       72       .3       .1       .2	Health care and social assistance	36	23	59	.2	.1	.3
Accommodation and food services.       20       28       14       .2       .2       .1         Other services.       13       5       5       .2       .1       .1         Government.       62       42       72       .3       .2       .3         Federal.       9       11       15       .3       .4       .5         State and local.       53       32       57       .3       .2       .3         REGION 3         Northeast.       49       49       71       .2       .2       .3         South.       102       92       112       .2       .2       .2       .2         Midwest.       76       41       72       .3       .1       .2	Leisure and hospitality	23	30	17	.2	.2	.1
Other services.       13       5       5       .2       .1       .1         Government.       62       42       72       .3       .2       .3         Federal.       9       11       15       .3       .4       .5         State and local.       53       32       57       .3       .2       .3         REGION 3         Northeast.       49       49       71       .2       .2       .2       .3         South.       102       92       112       .2       .2       .2       .2         Midwest.       76       41       72       .3       .1       .2	Arts, entertainment, and recreation	3	2	3	.1	.1	.2
Government	Accommodation and food services	20	28	14	.2	.2	.1
Federal       9       11       15       .3       .4       .5         State and local       53       32       57       .3       .2       .3         REGION 3         Northeast       49       49       71       .2       .2       .3         South       102       92       112       .2       .2       .2         Midwest       76       41       72       .3       .1       .2	Other services	13	5	5	.2	.1	.1
State and local		62	42	72			
REGION 3         Northeast		9	11	15	.3	.4	.5
Northeast       49       49       71       .2       .2       .3         South       102       92       112       .2       .2       .2       .2         Midwest       76       41       72       .3       .1       .2	State and local	53	32	57	.3	.2	.3
South	REGION <sup>3</sup>						
Midwest	Northeast	49	49	71			.3
	South	102	92	112		.2	
	Midwest	76	41	72	.3	.1	.2
West	West	83	55	76	.3	.2	.3

<sup>&</sup>lt;sup>1</sup>Other separations are the number of other separations during the entire month.

<sup>&</sup>lt;sup>2</sup> The other separations rate is the number of other separations during the entire month as a percent of total employment.

<sup>&</sup>lt;sup>3</sup> See footnote 7, table 1.

<sup>&</sup>lt;sup>p</sup> = Preliminary