

CSO statistical release, 01 November 2017, 11am

Monthly Unemployment

October 2017

	Seasonally adjusted number of persons unemployed	Seasonally adjusted unemployment rate (%)
October 2016	158,100	7.2
September 2017	133,100	6.1
October 2017	131,300	6.0
		Percentage Points
Change in month	- 1,800	- 0.1
Change in year	- 26,800	- 1.2

Monthly unemployment rate of 6.0% in October 2017

Figure 1 Monthly unemployment rate (ILO), October 2014 to October 2017



Source: CSO Ireland

14.7% in September 2017.

The seasonally adjusted unemployment rate for October 2017 was 6.0%, down from 6.1% in September 2017 and down from 7.2% in October 2016. The seasonally adjusted number of persons unemployed was 131,300 in October 2017, down from 133,100 when compared to the September 2017 figure and a decrease of 26,800 when compared to October 2016.

Summary points for October

- In October 2017 the seasonally adjusted unemployment rate was 6.7% for males, down from 6.8% in September 2017 and down from 8.1% in October 2016.
- The seasonally adjusted unemployment rate for females in October 2017 was 5.1%, unchanged from September 2017 and down from 6.1% in October 2016.
- The seasonally adjusted number of males unemployed in October 2017 was 80,300, down from 82,000 in September 2017. In October 2017 the seasonally adjusted number of females unemployed was 51,000, a decrease of 100 when compared to September 2017.
- The seasonally adjusted unemployment rate for persons aged 15-24 years (youth unemployment rate) was 14.0% in October 2017, a decrease from

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Table 1a Seasonally adjusted monthly unemployment by sex - All persons aged 15-74 years

		Number of persons			Unemployment rate (%)		
		Males	Females	All Persons	Males	Females	All Persons
2015	October	127,800	70,100	197,900	10.8	7.2	9.2
	November	128,500	68,400	196,800	10.8	7.0	9.1
	December	126,900	66,300	193,200	10.7	6.8	8.9
2016	January	121,400	62,900	184,300	10.2	6.5	8.5
	February	118,600	62,400	181,000	10.0	6.4	8.4
	March	116,400	64,200	180,600	9.8	6.6	8.3
	April	115,300	67,700	183,000	9.6	6.9	8.4
	May	114,500	68,800	183,300	9.5	7.0	8.4
	June	112,800	68,700	181,600	9.4	6.9	8.3
	July	111,100	66,000	177,100	9.2	6.7	8.1
	August	108,800	64,800	173,600	9.1	6.5	7.9
	September	103,000	61,700	164,600	8.6	6.2	7.5
	October	97,300	60,800	158,100	8.1	6.1	7.2
	November	93,000	60,600	153,700	7.8	6.1	7.0
	December	90,800	61,000	151,800	7.6	6.1	6.9
2017	January	89,900	61,500	151,400	7.5	6.2	6.9
	February	89,300	60,700	150,000	7.4	6.1	6.8
	March	88,100	57,800	145,900	7.3	5.8	6.6
	April	87,400	52,200	139,500	7.3	5.3	6.4
	May	86,700	49,900	136,600	7.2	5.0	6.2
	June	85,600	48,700	134,300	7.2	4.9	6.1
	July	84,900	50,200	135,100	7.1	5.1	6.2
	August	83,500	49,800	133,300	7.0	5.0	6.1
	September	82,000	51,100	133,100	6.8	5.1	6.1
	October	80,300	51,000	131,300	6.7	5.1	6.0

Table 1b Seasonally adjusted monthly unemployment by sex - persons aged 15-24 years

		Number of persons			Unemployment rate (%)		
		Males	Females	All Persons	Males	Females	All Persons
2015	October	23,300	14,600	37,900	23.3	17.0	20.3
	November	23,400	14,000	37,400	23.3	16.4	20.1
	December	23,100	13,200	36,200	22.9	15.4	19.5
2016	January	22,500	11,700	34,200	22.0	13.8	18.3
	February	22,100	11,600	33,700	21.3	13.4	17.7
	March	21,700	12,600	34,400	20.6	14.0	17.6
	April	21,700	14,200	35,900	20.2	15.1	17.8
	May	21,700	14,700	36,400	19.8	15.3	17.7
	June	21,500	14,600	36,100	19.4	15.1	17.4
	July	21,400	14,300	35,700	19.2	15.0	17.3
	August	21,200	14,100	35,300	19.1	14.8	17.1
	September	20,500	13,800	34,300	18.6	14.6	16.8
	October	20,200	14,000	34,200	18.5	14.6	16.7
	November	19,200	13,900	33,200	17.9	14.4	16.2
	December	17,700	13,700	31,400	16.9	14.1	15.5
2017	January	15,600	13,100	28,800	15.2	13.5	14.4
	February	14,800	12,800	27,600	14.6	13.2	13.9
	March	15,700	12,500	28,300	15.4	13.0	14.2
	April	17,200	12,200	29,400	16.6	12.8	14.8
	May	18,200	12,100	30,400	17.5	12.9	15.3
	June	18,300	12,300	30,600	18.0	13.2	15.7
	July	18,100	12,600	30,600	17.7	13.5	15.7
	August	17,500	12,000	29,500	17.2	13.0	15.2
	September	16,700	11,700	28,400	16.6	12.7	14.7
	October	15,700	11,300	27,000	15.8	12.2	14.0

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Table 1c Seasonally adjusted monthly unemployment by sex - persons aged 25-74 years

		Number of persons			Unemployment rate (%)		
		Males	Females	All Persons	Males	Females	All Persons
2015	October	104,600	55,500	160,000	9.6	6.2	8.1
	November	105,100	54,300	159,400	9.7	6.1	8.1
	December	103,800	53,100	157,000	9.6	6.0	7.9
2016	January	99,000	51,200	150,200	9.1	5.8	7.6
	February	96,500	50,800	147,300	8.9	5.7	7.5
	March	94,600	51,600	146,200	8.7	5.8	7.4
	April	93,500	53,500	147,000	8.6	6.0	7.4
	May	92,700	54,100	146,800	8.5	6.1	7.4
	June	91,300	54,100	145,400	8.4	6.0	7.3
	July	89,700	51,700	141,400	8.2	5.8	7.1
	August	87,600	50,700	138,300	8.0	5.7	7.0
	September	82,500	47,900	130,300	7.6	5.3	6.6
	October	77,100	46,800	123,900	7.1	5.2	6.3
	November	73,800	46,700	120,500	6.8	5.2	6.1
	December	73,100	47,300	120,400	6.7	5.3	6.1
2017	January	74,200	48,400	122,600	6.8	5.4	6.1
	February	74,500	48,000	122,500	6.8	5.3	6.1
	March	72,400	45,200	117,600	6.6	5.0	5.9
	April	70,100	40,000	110,100	6.4	4.5	5.5
	May	68,500	37,700	106,200	6.3	4.2	5.3
	June	67,300	36,400	103,700	6.2	4.1	5.2
	July	66,800	37,600	104,500	6.1	4.2	5.2
	August	66,000	37,800	103,800	6.0	4.2	5.2
	September	65,300	39,300	104,700	5.9	4.3	5.2
	October	64,600	39,700	104,300	5.9	4.4	5.2

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Background Notes

Purpose

The purpose of this release is to provide a detailed series of monthly unemployment estimates. The release contains both monthly unemployment rates and monthly unemployment volumes. These outputs now replace the seasonally adjusted Standardised Unemployment Rate (SUR) as the definitive measure of monthly unemployment.

Calculation of Monthly Estimates:

The Quarterly National Household Survey (QNHS) provides benchmark estimates of employment and unemployment for each quarter since the beginning of 1998. These quarterly benchmark estimates are then used to compile monthly data using the Proportional Denton method. The main characteristic of this method is that the monthly Live Register series is used as an indicator to disaggregate the quarterly QNHS unemployment series into a monthly series in such a way as to minimise the differences between two consecutive months. It also ensures that the average of three months in a particular calendar quarter is equal to the corresponding QNHS estimate.

For months where the quarterly unemployment data is not yet available, the ratio of the QNHS monthly estimate to the Live Register monthly estimate (i.e. the benchmark to indicator ratio) is forecast forward in order to extrapolate a monthly QNHS estimate. The monthly series is revised each quarter when the latest quarterly data becomes available. This approach adheres to agreed international practice.

Seasonal Adjustment:

To correct for typical seasonal patterns, the data series included have been concurrently seasonally adjusted. This seasonal adjustment is completed by applying the X-12-ARIMA model, developed by the U.S. Census Bureau. In the case of these monthly unemployment estimates, seasonal adjustment is conducted using the indirect approach, where each individual series is independently adjusted. To preserve consistency between the individual and aggregate series, the series for gender, age group and total monthly unemployed are then created from these component series. The series for monthly unemployment rates are likewise created from these component series.

One-Parent Family Payment (OFP)

The One-Parent Family Payment is a social welfare payment for men and women who are younger than 66 and bring up children without the support of a partner and meet certain other criteria. Claimants on this scheme are not counted as part of the Live Register.

From July 2013 new rules came into operation reducing the age limits for the One-Parent Family Payment. This means that some people no longer qualify for the payment and may avail of other schemes or supports.

As a consequence, approximately 2,800 people in July 2015 previously receiving the One-Parent Family Payment, made a claim for Jobseekers Allowance (JA) and are therefore included in the Live Register figures which are used to extrapolate a monthly QNHS estimate as the quarterly unemployment data is not yet available. It can be noted that the inclusion of these additional persons in July 2015 has a marginal impact on the production of the estimated monthly unemployment volume and rate.

Additional Background Information:

Further information regarding the QNHS and Live Register series are available from each respective release.

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