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Labour Market & Earnings (LME) in the Central Statistics Office (CSO)

NERI Conference
1st May 2019

Outline of presentation

- Introduction to the Central Statistics Office (CSO)
- Overview of the Labour Market & Earnings (LME) division and LME outputs
- The new Labour Force Survey
- What's next





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Introduction to the Central Statistics Office (CSO)



Central Statistics Office - Mandate

Our mandate is built on the Statistics Act 1993 and on EU Regulation 223/2009 and allows for;

- The collection, compilation, extraction and dissemination for statistical purposes of information relating to economic, social and general activities and conditions in the State
- The co-ordination of official statistics compiled by public authorities



Central Statistics Office

Our Mission

- Provide high quality information, both for evidence-based decision-making and to support accountability

Our Independence

- The CSO is an independent Office and the Director General of the CSO has sole responsibility in relation to professional statistical matters



Central Statistics Office – What we do



DATA

INFORMATION

KNOWLEDGE

INFORMED
DECISION-
MAKING

creates

which generates

and leads to



Central Statistics Office – Strategic Priorities





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Overview of the Labour Market & Earnings (LME) division and LME outputs

Labour Market & Earnings (LME) division

Divisional Focus

- Two sections;
 - Labour Market Analysis
 - Earnings Analysis
- Significant focus on analysis
- Majority of what we do determined by EU regulation
- High volume of releases



Labour Market Analysis - Outputs

- Labour Force Survey (LFS) core quarterly release
- Labour Force Survey (LFS) annual thematic releases on Employment, Households and Family Units, National Minimum Wage and Agency Workers
- Monthly Unemployment
- Monthly Live Register
- Industrial Disputes (quarterly)
- Job-Churn (annual)
- Foreign Nationals: PPSN Allocations, Employment & Social Welfare Activity (annual)



Earnings Analysis – Outputs & Requirements

Short Term Statistics

- Earnings and Labour Costs (Q)
- Earnings and Labour Costs (A)
- Labour Cost Index (Q)
- Job Vacancy Statistics (Q)
- Short Term Statistics (Q)
- Labour Cost Survey (4 yearly)

Structural Statistics & Cohort Analyses

- Structure of Earnings Statistics (SES)
- Public/Private Earnings Analysis
- Gender Pay Gap Analysis
- Low Pay Analysis
- Reference Wage (for DEASP)



Labour Market & Earnings (LME) division

Divisional Focus

- Very public facing division – ad hoc queries, media interviews, government official briefing sessions, press conferences, liaison groups, Parliamentary Questions (PQs)
- Data collection/origination:
 - Social Data Collection
 - Administrative Data
 - Business Statistics Data Collection Unit





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The new Labour Force Survey (LFS)

The Labour Force Survey (LFS)

- Replaced the Quarterly National Household Survey (QNHS) from Q3 2017
- Large survey of households; quarterly sample of 32,500 households
- Wide range of questions asked of each individual in the household
- Interviews carried out throughout the 13 weeks of the quarter
- Data published quarterly; briefing for government officials and a press conference



Increased demands for Social Statistics

- New demands on household surveys

- More field capacity required



Modernisation

- Different modes of data collection

- Improved coordination across surveys

- More use of administrative data



Household Survey Development (HSD) project



Aim of HSD project

- *‘The modernisation of our system for conducting household surveys, to provide an effective response to new requirements for social and household statistics.’*
 - Increase capacity
 - Streamline processes



Main HSD project deliverables

- Internal reorganisation of Social Data Collection division
- Call centre now available to collect information for household surveys
- Capacity created to meet additional survey requirements
- IT systems developed
- Data Collection and Output processes have been streamlined
- Standardisation of variables across new social surveys



Rebranding of QNHS to LFS

- The Quarterly National Household Survey (QNHS) was rebranded to the Labour Force Survey (LFS)
 - It is known as the LFS internationally
 - Better reflects the content and aim of the survey



Replacement of QNHS with LFS

Household Survey Development (HSD) Project

Q2 2017 release

Quarterly
National
Household
Survey (QNHS)



- New interview mode (CATI - telephone)
- Sampling Changes
- Questionnaire Changes
- Non-response adjustment
- Industry and Occupation coding
- Update of seasonal adjustment models
- Back-casting of QNHS series
- Census 2016 population revisions

Q3 2017 release

Labour
Force Survey
(LFS)

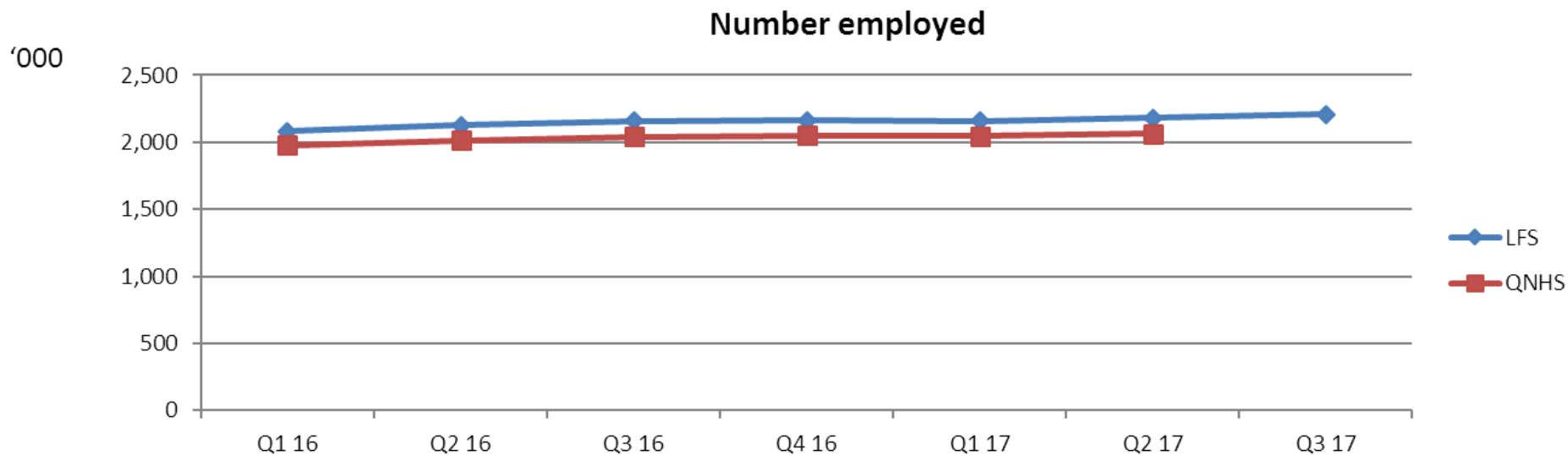


QNHS vs LFS – net effect of Census 2016 revisions and methodological changes

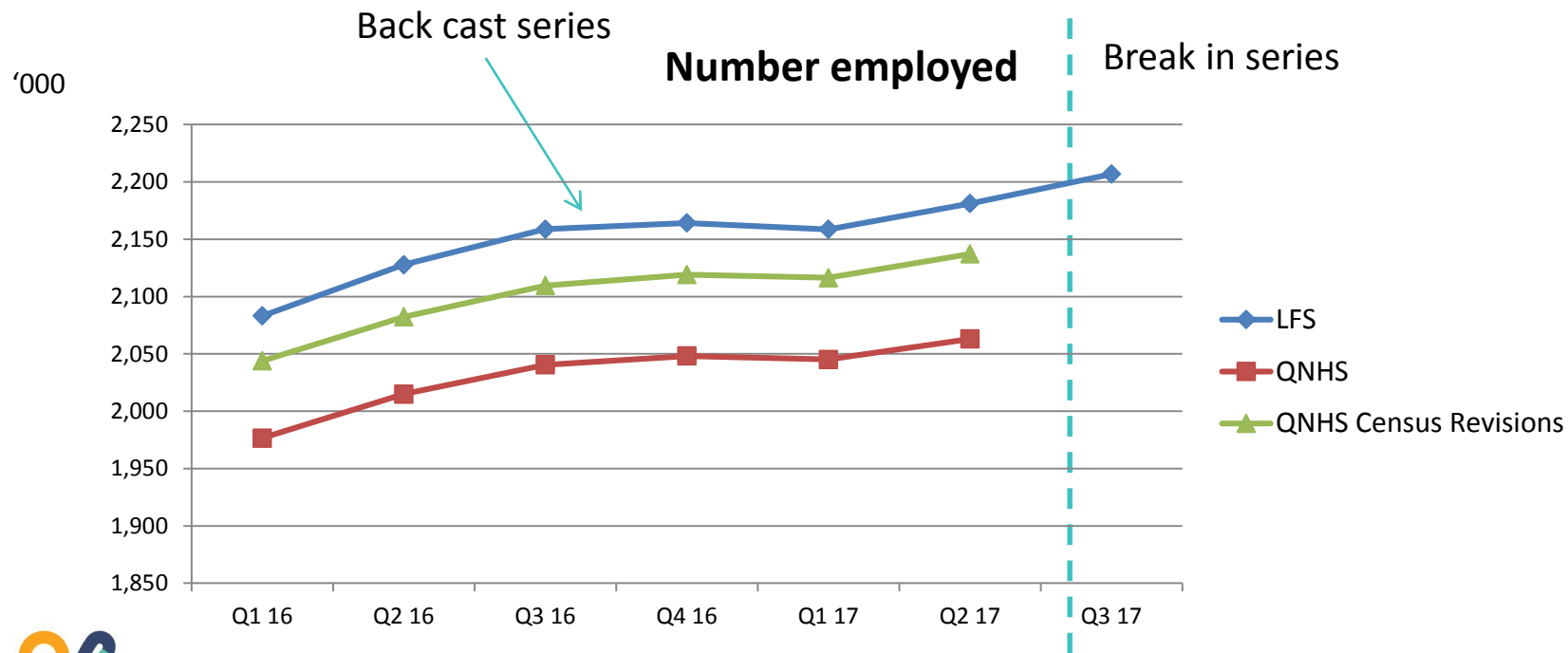
- Higher employment and unemployment volumes
- Higher rates – participation, employment and unemployment
- Breaks in series for series not controlled for in back-casting
- Please see information note published with Q3 2017 results for details
<http://www.cso.ie/en/releasesandpublications/in/lfs/informationnotice-labourforcesurveyquarter32017/>



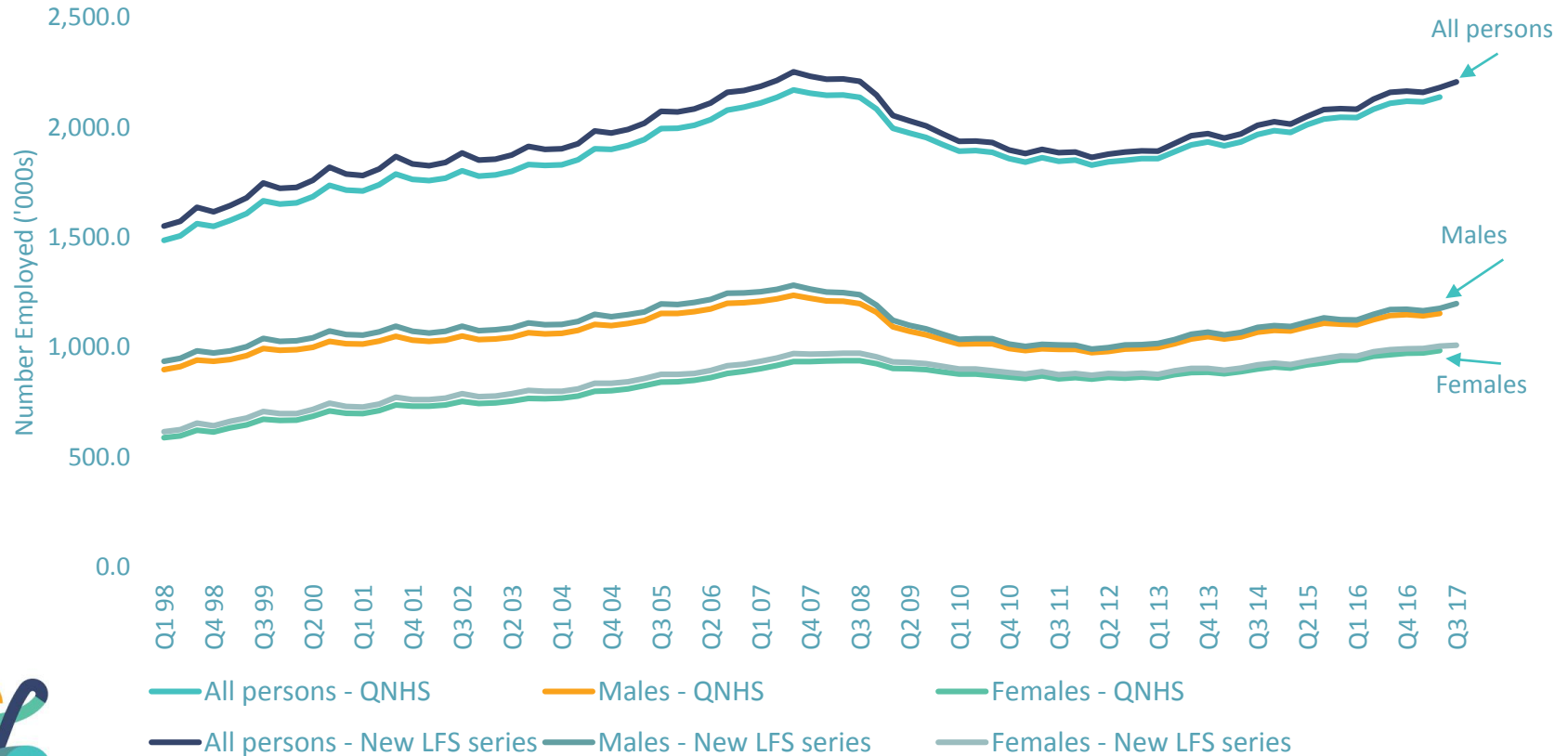
Replacement of QNHS with LFS



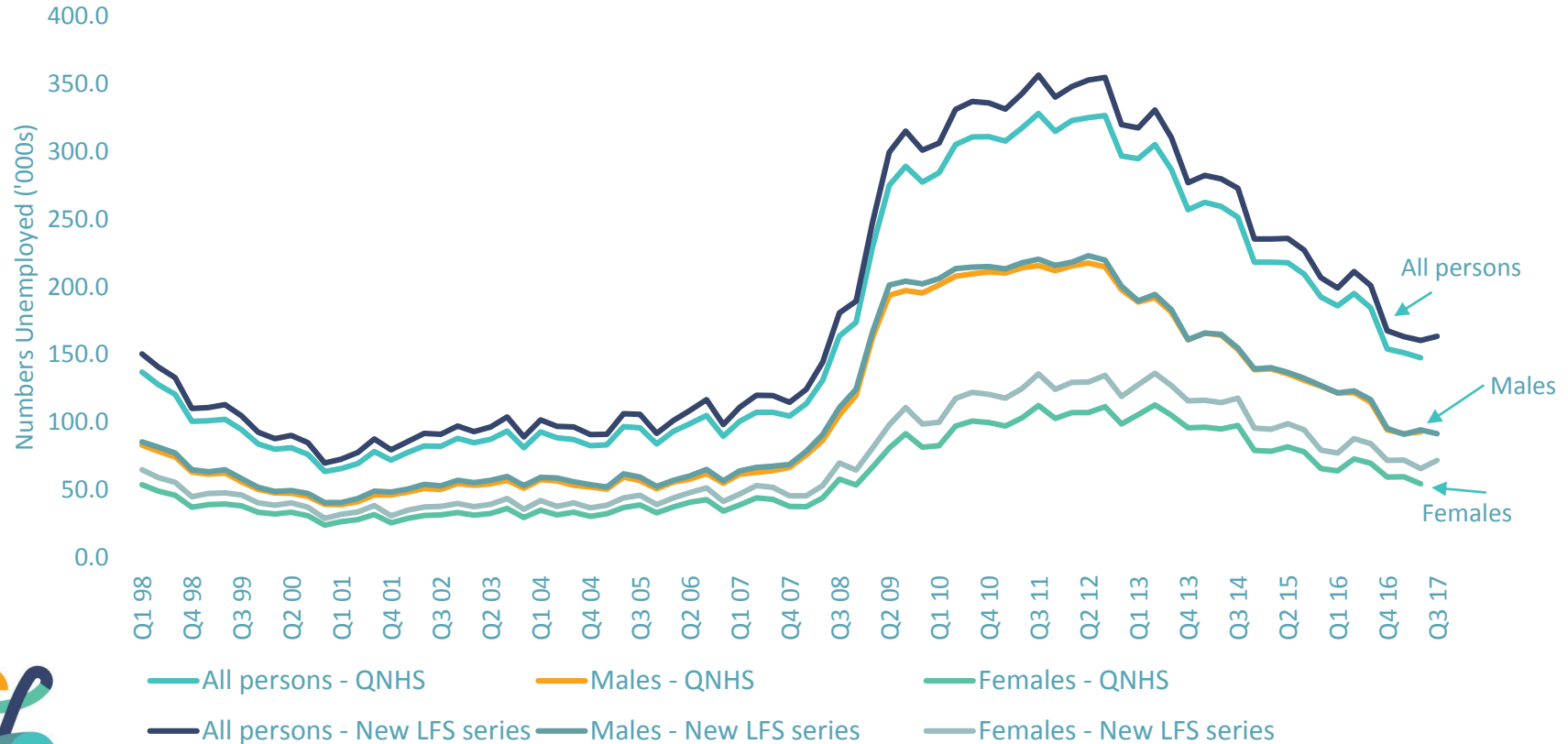
Replacement of QNHS with LFS



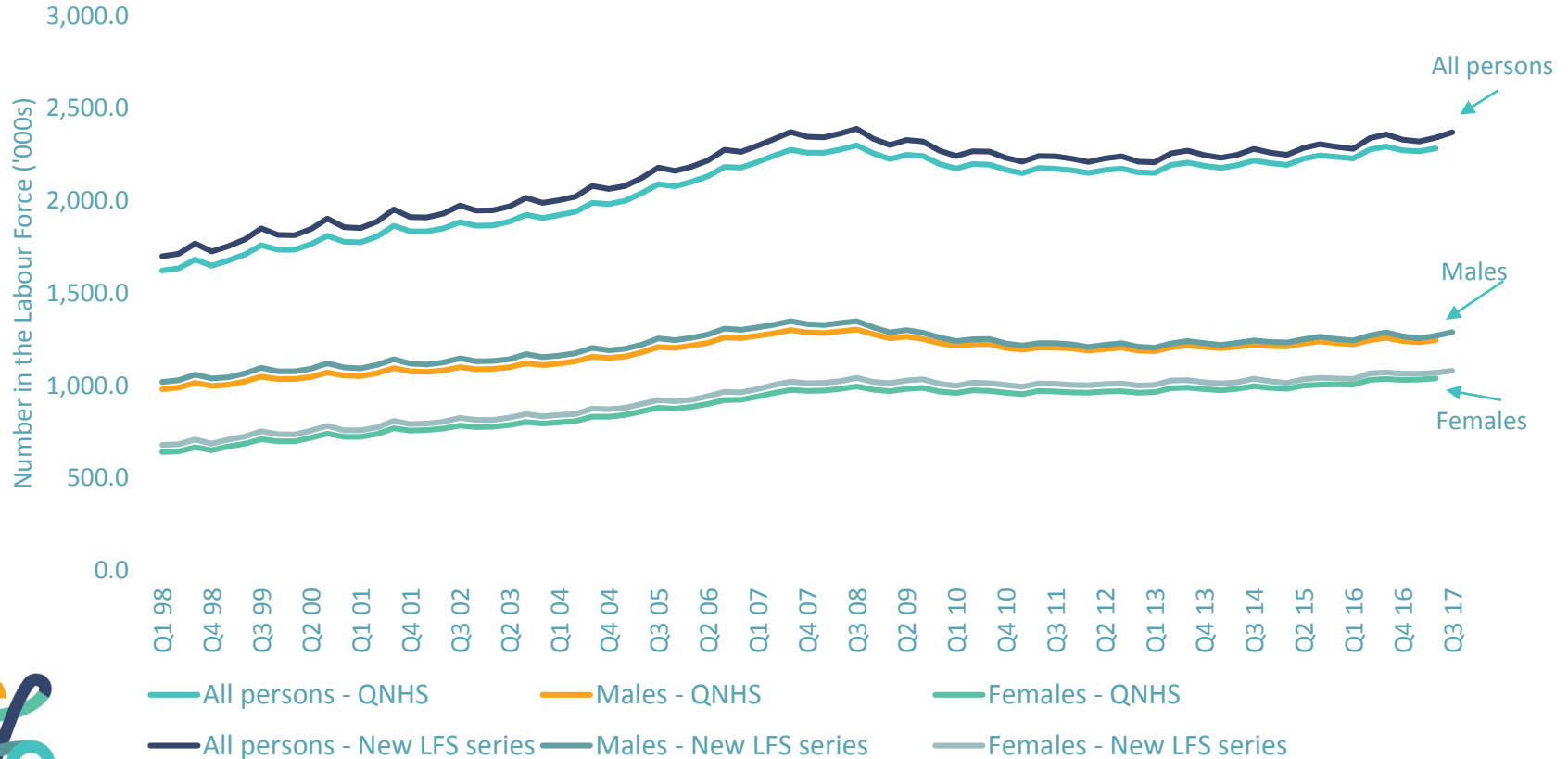
Number of persons in employment by sex - QNHS series (with Census 2016 revisions) versus new LFS series



Number of persons unemployed by sex - QNHS series (with Census 2016 revisions) versus new LFS series



Number of persons in the labour force by sex - QNHS series versus new LFS series



Data adjustments introduced with Q1 2018 results

Changes

**Q4 2017 LFS
Release**



Region (by Labour Force ILO Status), Occupation and Educational attainment (by gender) now included in the back-casting solution

New NUTS classification from Q1 2018

Data adjustments:

- Existing NUTS3 regions: Q1 1998 to Q2 2017
- Occupation: Q1 2007 to Q2 2017
- Educational attainment: Q1 2014–Q2 2017
- Re-weighting for new NUTS3 Regions: Q1 2012 to Q4 2017



**Q1 2018 LFS
Release**



Implications for Labour Market Statistics

- New NUTS3 regional structure introduces break in regional data series from Q1 2012
- Enables comparability of regional, occupational and educational attainment data within the backcasted time periods
- Please see information note for further information:

<https://www.cso.ie/en/releasesandpublications/in/lfs/informationnotice-labourforcesurveyquarter12018/>



Benefits of new LFS to users

- Quality of LFS results
- Timeliness
- Standardisation of questions
- Monthly Labour Market Estimates
- Capacity to add questions relating to the Labour Market to the LFS in the future





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What's next

LME: What's happening in 2019

- Structure of Earnings Survey (SES) going live in July 2019
- Work starting on deriving monthly Labour Market estimates directly from the LFS
- Investigation of Revenue Real Time Data for short term Labour Market and Earnings indicators
- New thematic releases being delivered from the LFS
 - National Minimum Wage (published April 26th 2019)
 - Agency Workers (before end June 2019)



Labour Market and Earnings (LME) Liaison Group

- The CSO will be setting up a liaison group with users and stakeholders of Labour Market and Earnings data later this year with the first meeting likely to take place in September 2019
- Further details to follow





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Thank you!

Any questions?