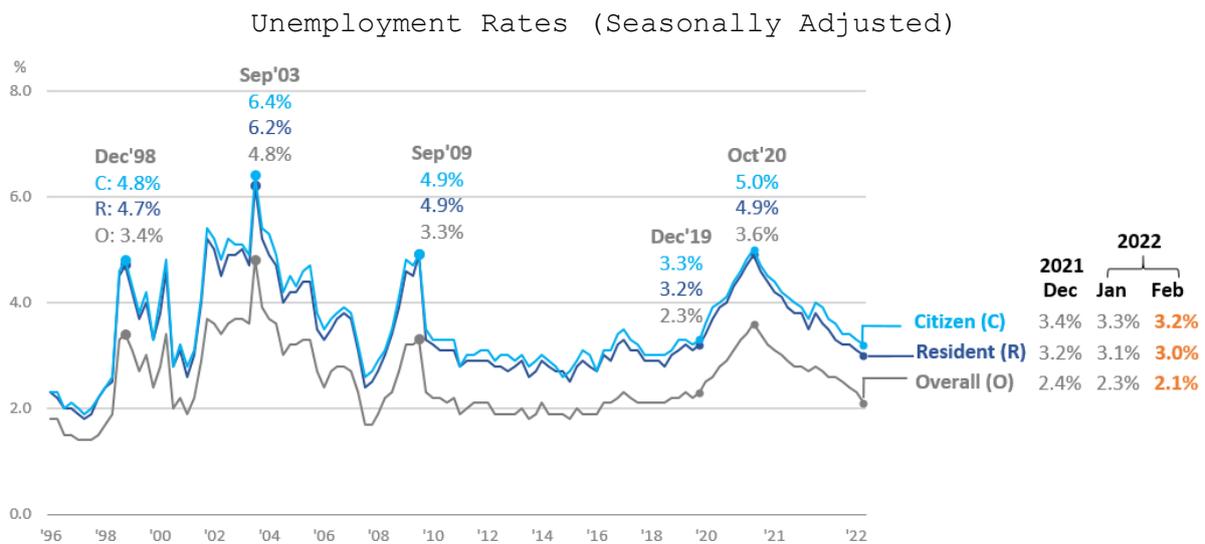


## Monthly Unemployment Situation - February 2022

For release: 7 April 2022

Unemployment rates continued to improve in February 2022 (overall: from 2.3% to 2.1%; residents: from 3.1% to 3.0%; citizens: from 3.3% to 3.2%). With the latest month's decline, the unemployment rates are now back to around pre-COVID levels.<sup>1</sup> 71,700 residents<sup>2</sup> were unemployed in February 2022, including 65,000 citizens.<sup>3,4</sup>

Going forward, we expect the unemployment rates to fluctuate around this level depending on the prevailing economic situation. The high number of vacancies could bring rates down further, but at the same time, the downside risks in the global economy have increased – protracted supply chain disruptions and higher energy prices could affect business sentiments and profitability.



Source: Labour Force Survey, Manpower Research & Statistics Department, MOM

Manpower Research and Statistics Department,  
Ministry of Manpower

<sup>1</sup> The quarterly average unemployment rates in 2018/2019 were 2.2% at the overall, 3.0% among residents, and 3.2% among citizens.

<sup>2</sup> "Residents" refer to Singapore Citizens and Permanent Residents.

<sup>3</sup> Based on seasonally adjusted data on number of unemployed persons.

<sup>4</sup> Refer to Explanatory Notes for more information.

# Explanatory Notes

## Unemployment

### Source

Labour Force Survey

### Coverage

The survey covers private households in Singapore. It excludes workers living in construction worksites, dormitories and workers' quarters at the workplace and persons commuting from abroad to work in Singapore. Estimates of the total labour force are derived by combining data on residents obtained from the survey with non-resident employment data compiled from administrative records.<sup>5</sup>

### Concepts and Definitions

**Unemployed persons** refer to persons aged 15 years and over who did not work but were actively looking and available for work during the reference period. They include persons who were not working but were taking steps to start their own business or taking up a new job after the reference period.

**Unemployment rate** is defined as the percentage of unemployed persons to the labour force (i.e. employed and unemployed persons) aged 15 years and over.

**Long-term unemployed persons** refer to persons aged 15 years and over who have been unemployed for 25 weeks or more.

**Long-term unemployment rate** is defined as the percentage of long-term unemployed persons to the labour force.

### Uses and Limitations

The unemployment rate is probably the best-known measure of the labour market. It measures unutilised labour supply and is useful in the study of the economic cycle as it is closely related to economic fluctuations.

Unemployment can have frictional, cyclical and structural elements. As it takes time for job seekers and employers to find a match, there is always a certain level of frictional unemployment due to people changing jobs and from new entrants looking for work for the first time. Unemployment can also be structural e.g. arising from a mismatch between the job seekers and the job openings available. With structural unemployment, even if job vacancies and job seekers coexist in the labour market, they may not be matched over a long period of time. Finally, unemployment can be cyclical. This occurs when there is a general decline in demand for manpower as aggregate demand for goods and services falls in the event of a cyclical downturn. Unlike structural and frictional unemployment where the problem is in matching job openings with job seekers, cyclical unemployment occurs when there are not enough jobs to go around.

Unemployment can vary due to changes in demand or supply of manpower. It can decline if more people succeed in securing employment or when the unemployed persons stop looking for a job and leave the labour force either temporarily (e.g. to take up training) or permanently (e.g. to retire). Conversely, unemployment may rise due to

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<sup>5</sup> Population figures for each quarter will be finalised in the next quarter. Unemployment data are therefore subject to the latest available population estimates.

increase in labour supply from new entrants or re-entrants to the labour market. It will also rise if more people quit their jobs to look for alternative employment or if there is an increase in layoffs.

Unemployment rates by specific groups, defined e.g. by age and educational attainment are useful in identifying groups of workers most vulnerable to unemployment.

### **Release Schedule**

From July 2020, top-line unemployment rates for overall, residents and citizens for the month will be released on a monthly basis by the first week of the month after next. This availability of top-line unemployment rates on a monthly basis will enable us to detect shifts in the employment situation in a more timely manner. The information will be made available on the Ministry of Manpower's statistical portal <https://stats.mom.gov.sg>.

Additional breakdown on unemployment by profile e.g. age, education, will continue to be made available in the Labour Market Reports released at the end of every quarter. This is because variations in the profile of the unemployed are unlikely in the short term.

### **Data Quality**

To ensure data quality, the Department analyses each survey response to identify and resolve inconsistencies that may suggest an inaccurate response. A response rate of at least 85% is achieved for the monthly labour force survey so as to ensure the sample retains its representativeness.

### **Seasonal Adjustment**

The unemployment time series are influenced by seasonality – periodic fluctuations due to recurring calendar-related events such as holidays, and the beginning and end of school terms. Seasonal adjustment removes the influences of these fluctuations and allows users to derive a more meaningful analysis of the trends in a data series, especially for those with strong seasonal patterns.

The seasonally adjusted figures are derived using X-12 ARIMA program which removes seasonal influences in the data series. To ensure a more accurate reflection of seasonally adjusted figures, concurrent seasonal adjustment is also being done and the latest information available will be incorporated.

### **Revisions**

In order to present timely data at the highest frequency, the monthly unemployment figures are subjected to revisions when the latest population figure becomes available or when the seasonal factors are updated with the latest data.