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Wage Rate Index

Fourth Quarter and Year 2023

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WAGE RATE INDEX (WRI)

(Base: fourth quarter 2021 = 100)

Fourth Quarter and Year 2023

1. Introduction

This issue of the Economic and Social Indicators (ESI) on wage rate index presents data for the fourth quarter and year 2023 using as base the fourth quarter of 2021 (Q₄ 2021=100).

The Wage Rate Index (WRI) measures changes in the price of labour, i.e., changes in the average rates actually paid by employers to their employees for work during normal working hours.

The methodology used for computing the index is given in the technical note at Annex 1.

Indices, presented here, are based on wage rates applicable during the month of December 2023.

2. Movement of the overall wage rate index

The Wage Rate Index increased by 1.8% or 2.0 points to reach 114.2 in fourth quarter 2023 from 112.2 in third quarter 2023 (Tables 1 and 2).

Compared to fourth quarter 2022, the Wage Rate Index, which stood at 106.2, increased by 7.5% or 8.0 points (Table 3).

3. Movement of the sub-indices, 3rd Quarter 2023 to 4th Quarter 2023

Main increases were registered in the following (Chart 1 & Table 2):

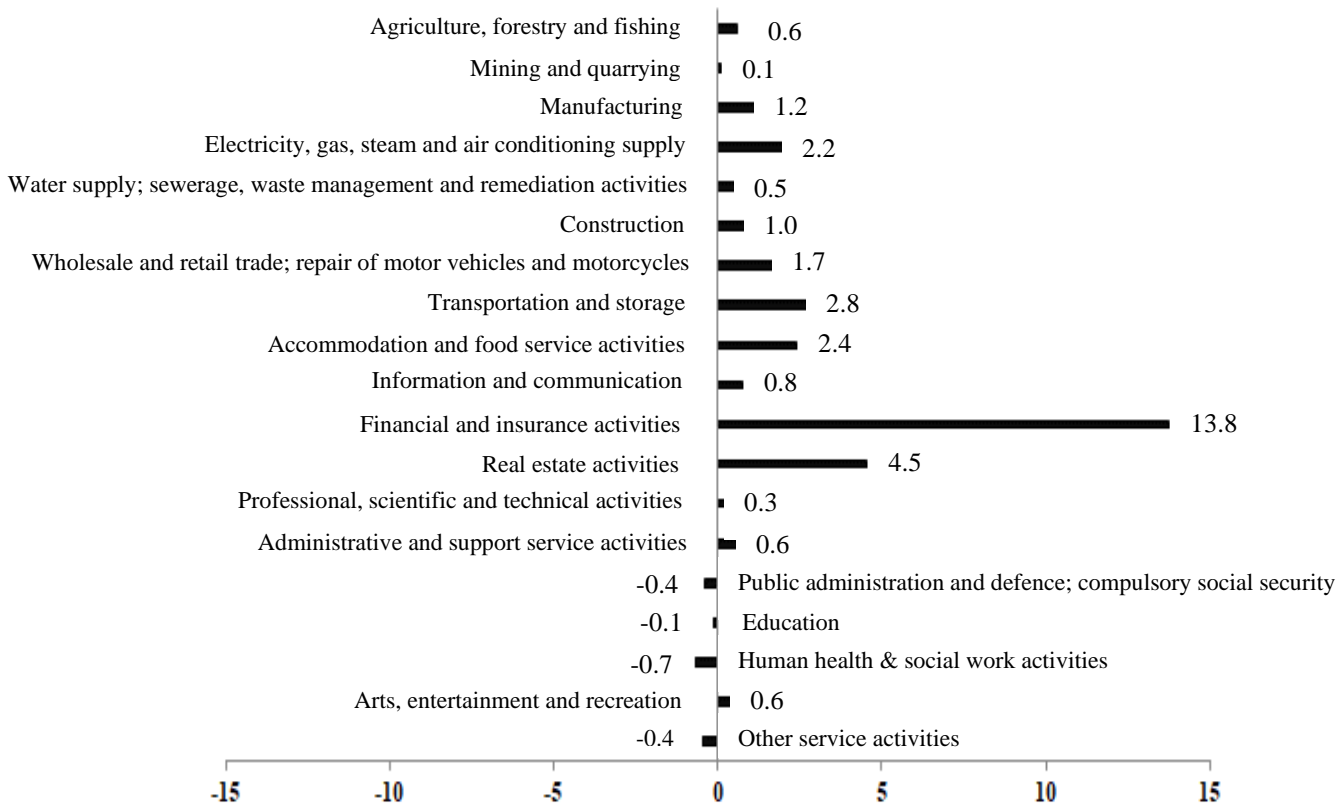
<i>Financial and insurance activities</i>	13.8%
<i>Transportation and storage</i>	2.8%
<i>Accommodation and food service activities</i>	2.4%
<i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	1.7%
<i>Manufacturing</i>	1.2%

Main decreases were as follows:

<i>Human health and social work activities</i>	-0.7%
<i>Public administration and defence; compulsory social security</i>	-0.4%

Decreases in these sectors were mainly due to changes in the mix of employees within occupations and decrease in regular allowances.

Chart 1: % Change in Wage Rate Index from 3rd Quarter 2023 to 4th Quarter 2023



The Wage Rate Index for the General Government sector, comprising Ministries, Government departments and agencies operating under them, municipalities, district councils and Rodrigues Regional Assembly decreased by 0.4% or 0.4 point to reach 106.6 in fourth quarter 2023, from 107.0 in third quarter 2023.

Compared to fourth quarter 2022, the index, which stood at 103.0, increased by 3.5% or 3.6 points. This sector accounts for around 34% of the total weight of the wage rate index.

4. Movement of the sub-indices, 4th Quarter 2022 to 4th Quarter 2023

Table 3 compares the indices for the fourth quarter of 2023 with those of the corresponding quarter of 2022.

Main increases were registered in the following industry groups:

<i>Financial and insurance activities</i>	<i>19.5%</i>
<i>Construction</i>	<i>11.3%</i>
<i>Accommodation and food service activities</i>	<i>9.5%</i>
<i>Transportation and storage</i>	<i>8.8%</i>
<i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	<i>8.7%</i>
<i>Manufacturing</i>	<i>6.9%</i>
<i>Education</i>	<i>3.8%</i>
<i>Public administration and defence; compulsory social security</i>	<i>3.5%</i>

5. Indices for the Private and Public sectors, Q4 2023

The index for the private sector which accounts for around 54% of the total weight of the wage rate index, increased by 2.9% or 3.4 points from 115.4 in third quarter 2023 to 118.8 in fourth quarter 2023 (Tables 7 & 8).

Compared to fourth quarter 2022, the index for the private sector, which stood at 108.2, increased by 9.8% or 10.6 points (Table 9).

The index for the public sector which comprises General Government and public enterprises and accounting for around 46% of the Wage Rate Index, increased by 0.4% or 0.4 point from 108.7 in third quarter 2023 to 109.1 in fourth quarter 2023 (Tables 11 & 12).

Compared to fourth quarter 2022, the index for the public sector, which stood at 103.9, increased by 5.0% or 5.2 points (Table 13).

6. Wage Rate Index, Year 2023

The Wage Rate Index for year 2023, worked out as the average of the quarterly indices, reached 112.0 compared to 104.5 for year 2022, representing an increase of 7.2% or 7.5 points. (Table 4).

The Wage Rate Index for the General Government sector increased by 3.9% or 4.0 points to reach 107.1 in 2023 from 103.1 in 2022.

The sectoral indices for year 2023, compared to 2022, show main increases in the following groups:

<i>Construction</i>	<i>13.5%</i>
<i>Financial and insurance activities</i>	<i>10.7%</i>
<i>Information and communication</i>	<i>9.8%</i>
<i>Transportation and storage</i>	<i>9.2%</i>
<i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	<i>8.7%</i>
<i>Manufacturing</i>	<i>8.5%</i>
<i>Public administration and defence; compulsory social security</i>	<i>4.1%</i>

7. Indices for the Private and Public sectors, Year 2023

The index for the private sector for year 2023, which is an average of the four quarters, worked out to 115.0 compared to 105.3 for year 2022. This corresponds to an increase of 9.2% or 9.7 points in the index (Table 10).

The index for the public sector for year 2023, worked out to 108.8 compared to 103.4 for year 2022, representing an increase of 5.2% or 5.4 points (Table 14).

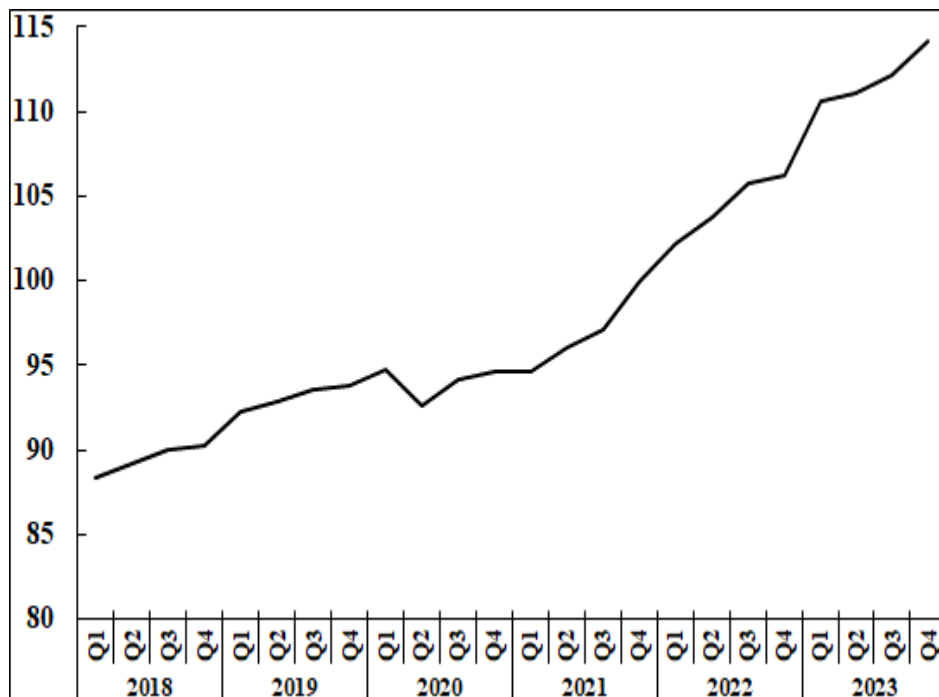
8. Past trend

Table 5 presents the quarterly indices from first quarter 2012 to fourth quarter 2023 with different base periods. As from 2022, the base period is fourth quarter 2021.

To enable comparison between the two series, chain link series, with fourth quarter 2021 as base, have been worked out and are provided in Table 6.

Chart 2 depicts the trend of the quarterly wage rate index from 2018 to 2023 using fourth quarter 2021 as base period. It shows a general upward movement in the index throughout the period up to fourth quarter 2023 except for a decline in second quarter 2020.

**Chart 2 - Wage Rate Index,
1st quarter 2018 – 4th quarter 2023**
(Base: fourth quarter 2021=100)



Statistics Mauritius
Ministry of Finance, Economic Planning and Development
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Table 1 - Quarterly Wage Rate Indices by industry, Q1 - Q4 2023 and Year 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	2023 ¹				
		Q1	Q2	Q3	Q4	Year
Agriculture, forestry and fishing	23	105.9	106.0	117.2	117.9	111.8
Mining and quarrying	3	107.8	107.6	108.4	108.5	108.1
Manufacturing	85	112.8	114.4	116.1	117.5	115.2
<i>of which Sugar</i>	4	106.9	109.7	121.4	123.3	115.3
<i>Food (excluding sugar)</i>	23	116.2	115.7	116.6	117.3	116.5
<i>Textiles</i>	29	110.5	113.9	115.8	115.3	113.9
Electricity, gas, steam and air conditioning supply	17	108.1	111.1	120.0	122.6	115.5
Water supply; sewerage, waste management and remediation activities	8	115.4	115.0	113.6	114.2	114.6
Construction	35	115.7	122.0	120.8	122.0	120.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	79	110.9	112.1	115.7	117.7	114.1
Transportation and storage	68	112.7	113.0	112.6	115.7	113.5
Accommodation and food service activities	63	108.8	110.6	111.9	114.6	111.5
Information and communication	48	115.7	117.0	116.4	117.3	116.6
Financial and insurance activities	83	110.1	109.5	112.6	128.1	115.1
Real estate activities	6	112.3	112.1	112.1	117.2	113.4
Professional, scientific and technical activities	57	113.4	113.9	114.5	114.9	114.2
Administrative and support service activities	43	115.6	113.0	115.7	116.4	115.2
Public administration and defence; compulsory social security	185	108.4	107.9	107.4	107.0	107.7
Education	111	107.4	107.6	107.4	107.3	107.4
Human health and social work activities	73	106.9	106.8	107.2	106.5	106.9
Arts, entertainment and recreation	11	119.2	120.0	120.0	120.7	120.0
Other service activities	4	112.8	112.5	115.3	114.8	113.9
All sectors	1000	110.6	111.1	112.2	114.2	112.0
<i>of which General Government</i> ²	336	107.6	107.3	107.0	106.6	107.1

¹ Provisional² Ministries, government departments and agencies operating under them; municipalities; district councils and Rodrigues Regional Assembly

Table 2 - Percentage change from previous quarter and contribution to overall change in index by industry, Q1 - Q4 2023

(Base: fourth quarter 2021 = 100)

Industry (section)	Weight	2023 ¹							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Agriculture, forestry and fishing	23	2.8	0.1	10.6	0.6	0.07	0.00	0.25	0.02
Mining and quarrying	3	4.3	-0.2	0.7	0.1	0.01	0.00	0.00	0.00
Manufacturing	85	2.6	1.4	1.5	1.2	0.25	0.14	0.14	0.12
<i>of which Sugar</i>	4	-1.4	2.6	10.7	1.6	-0.01	0.01	0.05	0.01
<i>Food (excluding sugar)</i>	23	5.1	-0.4	0.8	0.6	0.13	-0.01	0.02	0.02
<i>Textiles</i>	29	0.8	3.1	1.7	-0.4	0.03	0.10	0.06	-0.01
Electricity, gas, steam and air conditioning supply	17	2.7	2.8	8.0	2.2	0.05	0.05	0.14	0.04
Water supply; sewerage, waste management and remediation activities	8	5.8	-0.3	-1.2	0.5	0.05	0.00	-0.01	0.00
Construction	35	5.6	5.4	-1.0	1.0	0.21	0.23	-0.04	0.04
Wholesale and retail trade; repair of motor vehicles and motorcycles	79	2.4	1.1	3.2	1.7	0.21	0.09	0.27	0.16
Transportation and storage	68	6.0	0.3	-0.4	2.8	0.45	0.02	-0.03	0.20
Accommodation and food service activities	63	3.9	1.7	1.2	2.4	0.26	0.11	0.08	0.17
Information and communication	48	3.6	1.1	-0.5	0.8	0.19	0.06	-0.03	0.04
Financial and insurance activities	83	2.7	-0.5	2.8	13.8	0.24	-0.05	0.25	1.25
Real estate activities	6	5.5	-0.2	0.0	4.5	0.04	0.00	0.00	0.03
Professional, scientific and technical activities	57	3.2	0.4	0.5	0.3	0.20	0.03	0.03	0.02
Administrative and support service activities	43	5.8	-2.2	2.4	0.6	0.27	-0.11	0.12	0.03
Public administration and defence; compulsory social security	185	4.8	-0.5	-0.5	-0.4	0.96	-0.09	-0.09	-0.07
Education	111	3.9	0.2	-0.2	-0.1	0.46	0.02	-0.02	-0.01
Human health and social work activities	73	4.4	-0.1	0.4	-0.7	0.34	-0.01	0.03	-0.05
Arts, entertainment and recreation	11	7.8	0.7	0.0	0.6	0.09	0.01	0.00	0.01
Other service activities	4	13.3	-0.3	2.5	-0.4	0.05	0.00	0.01	0.00
All sectors	1000	4.1	0.5	1.0	1.8	4.40	0.50	1.10	2.00
<i>of which General Government</i> ²	336	4.5	-0.3	-0.3	-0.4	1.55	-0.10	-0.10	-0.13

¹ Provisional

² Ministries, government departments and agencies operating under them; municipalities; district councils and Rodrigues Regional Assembly

Table 3 - Percentage change from corresponding quarter of the previous year and contribution to overall change in index by industry, Q1 to Q4 2022 & 2023

(Base: fourth quarter 2021 = 100)

Industry (section)	Weight	2023/2022							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Agriculture, forestry and fishing	23	9.7	8.6	9.4	14.5	0.22	0.19	0.23	0.34
Mining and quarrying	3	5.1	4.4	4.7	4.9	0.02	0.01	0.01	0.02
Manufacturing	85	11.1	8.1	7.8	6.9	0.97	0.74	0.72	0.65
<i>of which Sugar</i>	4	10.1	5.8	13.1	13.7	0.04	0.02	0.06	0.06
<i>Food (excluding sugar)</i>	23	11.6	8.5	6.0	6.1	0.28	0.21	0.15	0.15
<i>Textiles</i>	29	9.3	7.5	6.5	5.2	0.27	0.23	0.21	0.17
Electricity, gas, steam and air conditioning supply	17	6.1	6.2	14.0	16.4	0.11	0.11	0.25	0.29
Water supply; sewerage, waste management and remediation activities	8	11.8	7.9	6.4	4.7	0.10	0.07	0.05	0.04
Construction	35	15.5	15.9	11.7	11.3	0.54	0.58	0.44	0.43
Wholesale and retail trade; repair of motor vehicles and motorcycles	79	9.6	8.2	8.2	8.7	0.77	0.68	0.71	0.74
Transportation and storage	68	12.7	9.1	6.7	8.8	0.87	0.65	0.48	0.64
Accommodation and food service activities	63	7.6	7.4	6.7	9.5	0.49	0.48	0.44	0.62
Information and communication	48	15.2	13.7	5.9	5.0	0.73	0.69	0.31	0.27
Financial and insurance activities	83	9.2	7.1	6.4	19.5	0.78	0.61	0.56	1.73
Real estate activities	6	7.1	7.0	5.4	10.2	0.04	0.04	0.03	0.06
Professional, scientific and technical activities	57	8.3	7.6	6.0	4.5	0.50	0.46	0.37	0.29
Administrative and support service activities	43	10.3	6.2	6.0	6.5	0.46	0.28	0.28	0.31
Public administration and defence; compulsory social security	185	4.5	4.2	3.9	3.5	0.88	0.82	0.75	0.67
Education	111	3.8	4.1	3.4	3.8	0.43	0.47	0.39	0.43
Human health and social work activities	73	4.2	4.6	4.3	4.0	0.31	0.34	0.32	0.30
Arts, entertainment and recreation	11	11.9	13.0	8.9	9.1	0.14	0.15	0.11	0.11
Other service activities	4	9.8	8.0	11.8	15.3	0.04	0.03	0.05	0.06
All sectors	1000	8.2	7.1	6.1	7.5	8.40	7.40	6.50	8.00
<i>of which General Government</i> ¹	336	4.3	4.1	3.7	3.5	1.48	1.41	1.28	1.21

¹ Ministries, government departments and agencies operating under them; municipalities; district councils and Rodrigues Regional Assembly

Table 4 - Wage Rate Indices, percentage change and contribution to overall change in index by industry, Years 2022 & 2023

(Base: fourth quarter 2021 = 100)

Industry (section)	Weight	Year 2022 ¹	Year 2023 ²	% change	Change in overall index point
Agriculture, forestry and fishing	23	101.1	111.8	10.6	0.25
Mining and quarrying	3	103.2	108.1	4.7	0.01
Manufacturing	85	106.2	115.2	8.5	0.76
<i>Of which Sugar</i>	4	104.1	115.3	10.8	0.04
<i>Food (excluding sugar)</i>	23	107.8	116.5	8.1	0.20
<i>Textiles</i>	29	106.4	113.9	7.0	0.22
Electricity, gas, steam and air conditioning supply	17	104.3	115.5	10.7	0.19
Water supply; sewerage, waste management and remediation activities	8	106.4	114.6	7.7	0.07
Construction	35	105.8	120.1	13.5	0.49
Wholesale and retail trade; repair of motor vehicles and motorcycles	79	105.0	114.1	8.7	0.71
Transportation and storage	68	103.9	113.5	9.2	0.64
Accommodation and food service activities	63	103.4	111.5	7.8	0.50
Information and communication	48	106.2	116.6	9.8	0.49
Financial and insurance activities	83	104.0	115.1	10.7	0.91
Real estate activities	6	105.6	113.4	7.4	0.05
Professional, scientific and technical activities	57	107.1	114.2	6.6	0.40
Administrative and support service activities	43	107.4	115.2	7.3	0.34
Public administration and defence; compulsory social security	185	103.5	107.7	4.1	0.77
Education	111	103.6	107.4	3.7	0.42
Human health and social work activities	73	102.5	106.9	4.3	0.32
Arts, entertainment and recreation	11	108.4	120.0	10.7	0.13
Other service activities	4	102.4	113.9	11.2	0.05
All sectors	1000	104.5	112.0	7.2	7.50
<i>of which General Government</i> ³	336	103.1	107.1	3.9	1.34

¹ Revised

² Provisional

³ Ministries, government departments and agencies operating under them; municipalities; district councils and Rodrigues Regional Assembly

Table 5 - Quarterly Wage Rate Indices, Q1 2012 - Q4 2023

Year	Quarterly indices			
	Q1	Q2	Q3	Q4
<i>(Base: fourth quarter 2011 = 100)</i>				
2012	102.9	103.4	104.4	104.5
2013	112.0	113.2	116.9	117.3
2014	119.7	120.7	122.0	122.0
2015	126.3	127.6	128.5	128.5
2016	132.5	134.0	135.3	135.5
<i>(Base: fourth quarter 2016 = 100)</i>				
2017	102.4	103.3	104.5	104.9
2018	107.1	108.0	109.0	109.4
2019	111.8	112.4	113.4	113.6
2020	114.8	112.1	114.1	114.5
2021	114.6	116.2	117.6	121.1
<i>(Base: fourth quarter 2021 = 100)</i>				
2022 ¹	102.2	103.7	105.7	106.2
2023 ²	110.6	111.1	112.2	114.2

Table 6 - Quarterly and Yearly Wage Rate Indices, 2012 - 2023*(Base: fourth quarter 2021 = 100)*

Year	Quarterly indices				Year
	Q1	Q2	Q3	Q4	
2012	62.7	63.0	63.6	63.7	63.3
2013	68.3	69.0	71.3	71.5	70.0
2014	72.9	73.6	74.3	74.3	73.8
2015	77.0	77.8	78.3	78.3	77.9
2016	80.8	81.7	82.5	82.6	81.9
2017	84.6	85.3	86.3	86.6	85.7
2018	88.4	89.2	90.0	90.3	89.5
2019	92.3	92.8	93.6	93.8	93.1
2020	94.8	92.6	94.2	94.6	94.1
2021	94.6	96.0	97.1	100.0	96.9
2022 ¹	102.2	103.7	105.7	106.2	104.5
2023 ²	110.6	111.1	112.2	114.2	112.0

¹ Revised² Provisional

Table 7 - Quarterly Wage Rate Indices by main industry for the Private Sector, Q1 - Q4 and Year 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	Private sector				
		2023 ¹				
		Q1	Q2	Q3	Q4	Year
All sectors	543	112.4	113.4	115.4	118.8	115.0
<i>of which</i>						
Agriculture, forestry and fishing	17	106.3	106.7	119.9	120.5	113.4
Manufacturing	84	112.9	114.5	116.3	117.7	115.4
Construction	30	116.7	124.2	122.8	124.3	122.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	75	111.4	112.7	116.7	118.5	114.8
Transportation and storage	20	110.8	110.3	110.6	111.3	110.8
Accommodation and food service activities	63	108.8	110.6	111.9	114.6	111.5
Information and communication	29	120.1	122.0	121.2	122.9	121.6
Financial and insurance activities	60	108.2	107.2	111.5	131.8	114.7
Professional, scientific and technical activities	52	114.2	114.6	115.2	115.7	114.9
Administrative and support service activities	43	115.6	113.0	115.7	116.4	115.2
Education	45	108.2	108.6	108.4	108.5	108.4

Table 8 - Percentage change from previous quarter and contribution to overall change in index by main industry for the Private Sector, Q1 to Q4 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	2023 ¹							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All sectors	543	3.9	0.9	1.8	2.9	2.28	0.54	1.09	1.85
<i>of which</i>									
Agriculture, forestry and fishing	17	2.1	0.4	12.4	0.5	0.04	0.01	0.22	0.01
Manufacturing	84	2.6	1.4	1.6	1.2	0.24	0.13	0.15	0.12
Construction	30	5.5	6.4	-1.1	1.2	0.18	0.23	-0.04	0.05
Wholesale and retail trade; repair of motor vehicles and motorcycles	75	2.3	1.2	3.5	1.5	0.19	0.10	0.30	0.14
Transportation and storage	20	3.1	-0.5	0.3	0.6	0.07	-0.01	0.01	0.01
Accommodation and food service activities	63	3.9	1.7	1.2	2.4	0.26	0.11	0.08	0.17
Information and communication	29	3.7	1.6	-0.7	1.4	0.12	0.06	-0.02	0.05
Financial and insurance activities	60	2.0	-0.9	4.0	18.2	0.13	-0.06	0.26	1.22
Professional, scientific and technical activities	52	3.3	0.4	0.5	0.4	0.19	0.02	0.03	0.03
Administrative and support service activities	43	5.8	-2.2	2.4	0.6	0.27	-0.11	0.12	0.03
Education	45	4.2	0.4	-0.2	0.1	0.20	0.02	-0.01	0.00

¹ Provisional

Table 9 - Percentage change from corresponding quarter of the previous year and contribution to overall change in index by main industry - Private Sector, Q1 to Q4 2022 & 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	2023/2022							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All sectors	543	10.5	8.8	7.6	9.8	5.81	5.00	4.45	5.76
<i>of which</i>									
Agriculture, forestry and fishing	17	12.0	11.3	10.6	15.8	0.19	0.18	0.20	0.28
Manufacturing	84	11.3	8.1	7.9	7.0	0.97	0.72	0.71	0.65
Construction	30	17.2	17.8	12.9	12.4	0.51	0.56	0.42	0.41
Wholesale and retail trade; repair of motor vehicles and motorcycles	75	9.8	8.6	8.8	8.8	0.74	0.67	0.71	0.72
Transportation and storage	20	7.7	4.7	2.8	3.5	0.16	0.10	0.06	0.08
Accommodation and food service activities	63	7.6	7.4	6.7	9.5	0.49	0.48	0.44	0.62
Information and communication	29	22.7	20.7	7.5	6.1	0.64	0.61	0.25	0.21
Financial and insurance activities	60	7.3	6.6	6.3	24.2	0.44	0.40	0.40	1.54
Professional, scientific and technical activities	52	8.7	7.7	6.1	4.6	0.47	0.43	0.34	0.27
Administrative and support service activities	43	10.3	6.2	6.0	6.5	0.46	0.28	0.28	0.31
Education	45	3.5	4.5	3.8	4.5	0.17	0.21	0.18	0.21

Table 10 - Wage Rate Indices, percentage change and contribution to overall change in index by main industry, Private Sector, Years 2022 & 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	Year 2022 ¹	Year 2023 ²	% change	Change in overall index point
All sectors	543	105.3	115.0	9.2	5.27
<i>of which</i>					
Agriculture, forestry and fishing	17	100.8	113.4	12.5	0.21
Manufacturing	84	106.3	115.4	8.6	0.76
Construction	30	106.1	122.0	15.0	0.48
Wholesale and retail trade; repair of motor vehicles and motorcycles	75	105.4	114.8	8.9	0.70
Transportation and storage	20	105.8	110.8	4.7	0.10
Accommodation and food service activities	63	103.4	111.5	7.8	0.51
Information and communication	29	106.9	121.6	13.8	0.43
Financial and insurance activities	60	103.1	114.7	11.3	0.70
Professional, scientific and technical activities	52	107.7	114.9	6.7	0.37
Administrative and support service activities	43	107.4	115.2	7.3	0.34
Education	45	104.2	108.4	4.0	0.19

¹ Revised² Provisional

Table 11 - Quarterly Wage Rate Indices by main industry for the Public Sector, Q1-Q4 and Year 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	Public Sector ¹				
		2023 ²				
		Q1	Q2	Q3	Q4	Year
All sectors	457	108.7	108.7	108.7	109.1	108.8
<i>of which</i>						
Electricity, gas, steam and air conditioning supply	15	107.4	110.6	120.0	122.8	115.2
Transportation and storage	49	113.5	114.1	113.4	117.4	114.6
Information and communication	19	108.9	109.3	109.0	108.6	109.0
Financial and insurance activities	23	114.9	115.5	115.3	118.6	116.1
Public administration and defence; compulsory social security	185	108.4	107.9	107.4	107.0	107.7
Education	66	106.8	107.0	106.8	106.4	106.8
Human health and social work activities	67	106.6	106.2	106.4	105.7	106.2

Table 12 - Percentage change from previous quarter and contribution to overall change in index by main industry for the Public Sector¹, Q1 2022 to Q4 2023*(Base: fourth quarter 2021 = 100)*

Industry (section)	Weight	2023 ²							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All sectors	457	4.6	0.0	0.0	0.4	2.19	0.00	0.00	0.18
<i>of which</i>									
Electricity, gas, steam and air conditioning supply	15	2.1	3.0	8.5	2.3	0.03	0.05	0.14	0.04
Transportation and storage	49	7.3	0.5	-0.6	3.5	0.38	0.03	-0.03	0.20
Information and communication	19	3.5	0.4	-0.3	-0.4	0.07	0.01	-0.01	-0.01
Financial and insurance activities	23	4.4	0.5	-0.2	2.9	0.11	0.01	0.00	0.08
Public administration and defence; compulsory social security	185	4.8	-0.5	-0.5	-0.4	0.93	-0.09	-0.09	-0.07
Education	66	3.5	0.2	-0.2	-0.4	0.24	0.01	-0.01	-0.03
Human health and social work activities	67	4.5	-0.4	0.2	-0.7	0.31	-0.03	0.01	-0.05

¹ Ministries, government departments and agencies operating under them; municipalities; district councils, Rodrigues Regional Assembly and Public enterprises

² Provisional

Table 13 - Percentage change from corresponding quarter of the previous year and contribution to overall change in index by main industry - Public Sector ¹, Q1 to Q4 2022 & 2023

(Base: fourth quarter 2021 = 100)

Industry (section)	Weight	2023/2022							
		% change in index				Contribution to change in overall index point			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All sectors	457	6.0	5.1	4.7	5.0	2.83	2.42	2.24	2.38
<i>of which</i>									
Electricity, gas, steam and air conditioning supply	15	5.4	6.0	14.2	16.7	0.08	0.09	0.22	0.26
Transportation and storage	49	14.8	10.9	8.3	11.0	0.72	0.55	0.43	0.57
Information and communication	19	4.3	3.3	3.2	3.2	0.09	0.07	0.06	0.06
Financial and insurance activities	23	13.9	8.6	6.8	7.7	0.32	0.21	0.17	0.20
Public administration and defence; compulsory social security	185	4.5	4.2	3.9	3.5	0.87	0.80	0.74	0.67
Education	66	3.9	3.9	3.2	3.1	0.26	0.26	0.22	0.21
Human health and social work activities	67	4.0	4.2	3.9	3.6	0.27	0.29	0.27	0.25

Table 14 - Wage Rate Indices, percentage change and contribution to overall change in index by main industry, Public Sector ¹, Years 2022 & 2023

(Base: fourth quarter 2021 = 100)

Industry (section)	Weight	Year 2022 ²	Year 2023 ³	% change	Change in overall index point
All sectors	457	103.4	108.8	5.2	2.47
<i>of which</i>					
Electricity, gas, steam and air conditioning supply	15	104.1	115.2	10.7	0.17
Transportation and storage	49	103.1	114.6	11.2	0.56
Information and communication	19	105.3	109.0	3.5	0.07
Financial and insurance activities	23	106.4	116.1	9.1	0.22
Public administration and defence; compulsory social security	185	103.5	107.7	4.1	0.78
Education	66	103.1	106.8	3.6	0.24
Human health and social work activities	67	102.2	106.2	3.9	0.27

¹ Ministries, government departments and agencies operating under them; municipalities; district councils, Rodrigues Regional Assembly and Public enterprises

² Revised

³ Provisional

Technical Note

Methodology used for the compilation of the Wage Rate Index

1. Definition

The Wage Rate Index (WRI) measures changes in the price of labour, i.e., changes in the average rates actually paid by employers to their employees for work during normal working hours.

2. Adopted approach

To show genuine changes in the price of labour, it would have been necessary for wages of specific workers at specific establishments to be measured over time. Since this is not possible, the next best approach has been adopted, that is, to follow changes in the wages of groups of employees performing the same jobs. This gives a measure of changes in wage rates of specific occupations but has the following limitations:

- (i) any changes in the mix of employees within the selected occupations is bound to affect the calculated rates and hence the corresponding sectoral indices. Such changes occur, for example, with a new intake of employees in a specific group - when the wages of the new recruits pull down the average wages for the whole group from one period to the next.
- (ii) wage adjustments resulting from changes in the tasks associated with a particular occupation, which cannot be separated from pure price changes of labour.
- (iii) it is difficult to separate the effects of productivity from the overall change.

3. Coverage

The wage rate index is based on wage rates applicable in 'large' establishments only. Employment in these establishments accounted for around 59% of total employment in year 2021. 'Large' establishments comprise sugar cane plantations of 10 hectares or more; tea plantations of 2 hectares or more; other agricultural and non-agricultural establishments having 10 or more employees as well as General Government Services, i.e. ministries, government departments and agencies operating under them; municipalities; district councils and Rodrigues Regional Assembly.

The frame consists of a list of around 2500 'large' establishments as at March 2021. Establishments were stratified according to industry and arranged in order of size, i.e., the number of employees, within the industrial group. Within the strata, selection was proportional to size of establishment. A sample of about 12% was surveyed, representing some 300 establishments. Time-rated as well as piece-rated wage earners and salaried employees are covered. Apprentices, workers on probation, part-time workers and employees working on a temporary basis are excluded.

4. Sectors covered

Indices are disseminated by the Public and Private sectors.

The **Public sector** comprises Ministries, Government departments and agencies operating under them; municipalities; district councils, the Rodrigues Regional Assembly and Public enterprises.

5. Calculating the Wage Rate Index

A Laspeyres formula is used. The occupational structure is held constant with reference to the base period of the index, i.e. December 2021. The relative changes in average wage rates are measured at the occupational level and these changes are then weighted to give a combined measure of the change. The following formula is used

$$I_t = \frac{\sum w_i (R_i^t / R_i^o)}{\sum w_i} \times 100$$

where I_t = index for quarter t compared to base period o
 w_i = $N_i^o R_i^o$ which represents the total wages paid to all employees in the i^{th} occupation base period, December 2021
 R_i^o = wage rate of occupation i in base period, December 2021
 R_i^t = wage rate of occupation i in quarter t

The index is, first, calculated for each industry group and the overall index (covering all industry groups) is computed as a weighted average of the individual industry group indices.

6. Reference period

The base period for the index is quarter 4 2021 (i.e. Quarter 4, 2021=100) as from the first quarter of 2022. The wage rate indices, for the first to fourth quarter, are based on wage rates applicable during the months of March, June, September and December respectively.

7. Weights

Two sets of weights are used:

- (i) **Weight for the industry groups** derived from the ‘Survey of Employment & Earnings, March 2020’ and
- (ii) **Weight for occupations** within each activity (NSIC) sectorwise. Questionnaires were sent to around 2,500 large establishments at the end of March 2021 to cater for number employed in each category of occupation.

8. Wage rates used

The wage/salary rates of specific occupations, used in the calculation of the index, are the rates paid for normal time work, comprising basic wages and salaries, cost of living allowances and other guaranteed and regular allowances paid at the end of each pay period. Overtime payments are, therefore, excluded.

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