

Data Analysis on Registered Workers

Trade : Fire Service

For the period 1/5/2017 to 30/4/2018 (12 months)

Registered Workers	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
start	1436	92.65%	114	7.35%			1550	
end	1455	89.37%	173	10.63%			1628	
total renewal	357	91.07%	35	8.93%			392	
new	1	14.29%	6	85.71%			7	
expired	18	75.00%	6	25.00%			24	
renewal of expired registration from previous periods	36	37.89%	59	62.11%			95	

DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
against nr. of registered workers	1153	90.15%	126	9.85%			1279	
	1455	79.24%	173	72.83%			1628	78.56%

DAR = 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
against nr. of registered workers	304	86.61%	47	13.39%			351	
	1455	20.89%	173	27.17%			1628	21.56%

DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
average working days per week	2.87		2.39				2.82	

Age Profile (dates of data extraction for registered workers and age profile are different thus the numbers may differ slightly due to the dynamic nature of the data set)

	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
Below 20	0	0.00%	5	0.00%			5	0.31%
20 - 29	2	2.78%	70	97.22%			72	4.42%
30 - 39	168	87.96%	23	12.04%			191	11.73%
40 - 49	353	95.66%	16	4.34%			369	22.67%
50 - 59	591	94.56%	34	5.44%			625	38.39%
60 or above	341	93.17%	25	6.83%			366	22.48%
Total	1455	89.37%	173	10.63%			1628	100.00%

Phone Survey conducted from Feb - May 2018 - 1097 samples drawn with 166 successful interviews

DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
average working days per week with card record	5.22		5.20				5.21	
	4.29		5.20				4.41	

DAR = 0	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio	Ratio
working in construction industry	71.95%		82.05%				73.73%	
average working days per week with card record	4.67		5.08				4.74	
	1.90		0.65				1.72	

DAR Snapshot	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
average nr. of workers on any one day	548	92.26%	46	7.74%			594	

For DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
projected nr. of workers engaged in construction industry on any one day with card record	997	90.88%	100	9.12%			1097	
	819	89.12%	100	10.88%			919	83.77%
without card record	178	100.00%	0	0.00%			178	16.23%

For DAR = 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
projected nr. of workers engaged in construction industry	219	84.88%	39	15.12%			258	
projected nr. of workers engaged in construction industry on any one day with card record	146	83.91%	28	16.09%			174	
	59	93.65%	4	6.35%			63	36.21%
without card record	87	78.38%	24	21.62%			111	63.79%

Projected nr. of workers engaged in construction industry	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
on any one day with card record	1372	89.26%	165	10.74%			1537	
	878	89.41%	104	10.59%			982	77.26%
on any one day without card record	265	91.70%	24	8.30%			289	22.74%
Total	1143	89.93%	128	10.07%			1271	

RGW claimed to be carrying out work with skill content	RGW	Ratio
DAR>0		0.00%
DAR=0		0.00%

DAR = 0 and NOT engaged in the construction industry	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
ratio not in the construction industry		28.05%		17.95%				26.27%
projected nr. of workers	85	91.40%	8	8.60%			93	

main reasons for not engaged*

	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
Could not find work	25	29.00%	3	35.00%			28	30.11%
Changed to other field	25	29.00%	0	0.00%			25	26.88%
Health/family/study issues	12	14.00%	0	4.00%			12	12.90%
Work hardship	0	0.00%	1	13.00%			1	1.08%
Others	24	28.00%	4	48.00%			28	30.11%

key factors claimed by latent workers to attract them to return to the industry* - no successful case for RSS

	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
Higher wage	3	4.00%	0	0.00%			3	27.27%
Less underemployed	8	9.00%	0	0.00%			8	72.73%

* Small sample size in RSW/RSS. Results shall be interpreted with caution.