

# Data Analysis on Registered Workers

Trade : Refrigeration/Air-conditioning/Ventilation Mechanic

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

Registered Workers	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	Ratio
start	7066	91.47%	659	8.53%			7725	
end	7087	91.15%	688	8.85%			7775	
total renewal	1333	90.50%	140	9.50%			1473	
new	22	29.33%	53	70.67%			75	
expired	167	74.55%	57	25.45%			224	
renewal of expired registration from previous periods	166	83.42%	33	16.58%			199	

DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
	3716	92.90%	284	7.10%			4000	
against nr. of registered workers	7087	52.43%	688	41.28%			7775	51.45%

DAR = 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
	3392	89.22%	410	10.78%			3802	
against nr. of registered workers	7087	47.86%	688	59.59%			7775	48.90%

DAR > 0	RSW		RSS		RGW		All	
average working days per week	2.27		2.27				2.27	

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%	14	100.00%			14	0.18%
20 - 29	140	31.46%	305	68.54%			445	5.72%
30 - 39	1560	91.55%	144	8.45%			1704	21.92%
40 - 49	2035	96.54%	73	3.46%			2108	27.11%
50 - 59	2122	95.63%	97	4.37%			2219	28.54%
60 or above	1230	95.72%	55	4.28%			1285	16.53%
Total	7087	91.15%	688	8.85%			7775	100.00%

Phone Survey conducted from Feb - May 2018 - 3714 samples drawn with 225 successful interviews

DAR > 0	RSW		RSS		RGW		All	
average working days per week	5.34		4.19				4.80	
with card record	5.09		4.02				4.58	

DAR = 0*		70.20%		61.22%				68.78%
working in construction industry	1.91		5.30				2.45	
average working days per week	1.33		0.00				1.12	
with card record								

DAR Snapshot	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
average nr. of workers on any one day	1378	93.05%	103	6.95%			1481	

For DAR > 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
projected nr. of workers engaged in construction industry on any one day	3242	94.46%	190	5.54%			3432	
with card record	3090	94.43%	182	5.57%			3272	95.35%
without card record	152	95.16%	8	4.84%			159	4.65%

For DAR = 0	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
projected nr. of workers engaged in construction industry	2381	90.46%	251	9.54%			2632	
projected nr. of workers engaged in construction industry on any one day	650	77.37%	190	22.63%			840	
with card record	452	100.00%	0	0.00%			452	53.88%
without card record	197	50.94%	190	49.06%			387	46.12%

Projected nr. of workers engaged in construction industry	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
on any one day with card record	6097	91.93%	535	8.07%			6632	
on any one day without card record	3542	95.11%	182	4.89%			3724	87.19%
Total	349	63.80%	198	36.20%			547	12.81%
	3891	91.10%	380	8.90%			4271	

RGW claimed to be carrying out work with skill content		RGW	
DAR>0			1.60%
DAR=0			3.41%

DAR = 0 and NOT engaged in the construction industry	RSW		RSS		RGW		All	
ratio not in the construction industry		29.80%		38.78%				31.22%
projected nr. of workers	1011	86.41%	159	13.59%			1170	

main reasons for not engaged\*

	RSW	Ratio	RSS	Ratio	RGW	Ratio	All	
Could not find work	111	11.00%	25	16.00%			136	11.63%
Underemployed	71	7.00%	0	0.00%			71	6.07%
Work hardship	40	4.00%	0	0.00%			40	3.42%
No interest	0	0.00%	8	5.00%			8	0.68%
Others	788	78.00%	126	79.00%			914	78.13%

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	
Could not find other work	2	4.00%					2	66.67%
Better fringe benefits	1	2.00%					1	33.33%

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