## Data Analysis on Registered Workers

*Trade : Refrigeration/Air-conditioning/Ventilation Mechanic*
**For the period 1/1/2016 to 31/12/2016 (12 months)**

| Registered Workers | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | Ratio |
|---|---|---|---|---|---|---|---|---|
| start | 2765 | 82.66% | 580 | 17.34% | | | 3345 | |
| end | 5711 | 89.46% | 673 | 10.54% | | | 6384 | |
| total renewal | 1978 | 93.04% | 148 | 6.96% | | | 2126 | |
| new | 388 | 77.60% | 112 | 22.40% | | | 500 | |
| expired | 89 | 59.33% | 61 | 40.67% | | | 150 | |
| renewal of expired registration from previous periods | 2647 | 98.44% | 42 | 1.56% | | | 2689 | |

| DAR > 0 | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| | 2908 | 92.08% | 250 | 7.92% | | | 3158 | |
| against nr. of registered workers | 5711 | 50.92% | 673 | 37.15% | | | 6384 | 49.47% |

| DAR = 0 | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| | 2822 | 86.75% | 431 | 13.25% | | | 3253 | |
| against nr. of registered workers | 5711 | 49.41% | 673 | 64.04% | | | 6384 | 50.96% |

| DAR > 0 | RSW | | RSS | | RGW | | All | |
|---|---|---|---|---|---|---|---|---|
| average working days per week | 1.69 | | 1.44 | | | | 1.67 | |

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% | 19 | 100.00% | | | 19 | 2.07% |
| 20 - 29 | 167 | 36.46% | 291 | 63.54% | | | 458 | 50.00% |
| 30 - 39 | 1330 | 91.66% | 121 | 8.34% | | | 1451 | 158.41% |
| 40 - 49 | 1579 | 95.12% | 81 | 4.88% | | | 1660 | 181.22% |
| 50 - 59 | 1769 | 94.10% | 111 | 5.90% | | | 1880 | 205.24% |
| 60 or above | 866 | 94.54% | 50 | 5.46% | | | 916 | 100.00% |
| Total | 5711 | 89.46% | 673 | 10.54% | | | 6384 | 696.94% |

*Phone Survey conducted from Oct 2016 - Jan 2017 - 2130 samples drawn with 133 successful interviews*

| | RSW | | RSS | | RGW | | All | |
|---|---|---|---|---|---|---|---|---|
| DAR > 0* average working days per week | 4.07 | | 4.07 | | | | 3.36 | |
| with card record | 3.63 | | 3.63 | | | | 2.99 | |
| (Assume survey results of RSS the same as RSW) | | | | | | | | |

| | RSW | | RSS | | RGW | | All | |
|---|---|---|---|---|---|---|---|---|
| DAR = 0 working in construction industry | | 73.33% | | 44.62% | | | | 67.78% |
| average working days per week | 4.73 | | 3.24 | | | | 4.44 | |
| with card record | 4.59 | | 2.90 | | | | 4.26 | |

| DAR Snapshot | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| average nr. of workers on any one day | 615 | 89.13% | 75 | 10.87% | | | 690 | |

| For DAR > 0 | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| projected nr. of workers engaged in construction industry on any one day | 1481 | 87.48% | 212 | 12.52% | | | 1693 | |
| with card record | 1321 | 87.48% | 189 | 12.52% | | | 1510 | 89.19% |
| without card record | 160 | 87.48% | 23 | 12.52% | | | 183 | 10.81% |

| For DAR = 0 | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| projected nr. of workers engaged in construction industry | 2069 | 91.50% | 192 | 8.50% | | | 2262 | |
| projected nr. of workers engaged in construction industry on any one day | 1398 | 94.02% | 89 | 5.98% | | | 1487 | |
| with card record | 1357 | 94.45% | 80 | 5.55% | | | 1437 | 96.59% |
| without card record | 41 | 81.59% | 9 | 18.41% | | | 51 | 3.41% |

| Projected nr. of workers engaged in construction industry | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| on any one day with card record | 4977 | 91.84% | 442 | 8.16% | | | 5420 | |
| on any one day without card record | 2678 | 90.87% | 269 | 9.13% | | | 2947 | 92.64% |
| Total | 202 | 86.32% | 32 | 13.68% | | | 234 | 7.36% |
| | 2880 | 90.54% | 301 | 9.46% | | | 3181 | |

| RGW claimed to be carrying out work with skill content | | | RGW | |
|---|---|---|---|---|
| DAR>0 | | | #REF! | 1.14% |
| DAR=0 | | | #REF! | 2.03% |
| | | Total | #REF! | |

| DAR = 0 and NOT engaged in the construction industry | RSW | | RSS | | RGW | | All | |
|---|---|---|---|---|---|---|---|---|
| ratio not in the construction industry | | 26.67% | | 55.38% | | | | 32.22% |
| projected nr. of workers | 753 | 75.92% | 239 | 24.08% | | | 991 | |

main reasons for not engaged ^

| | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| Retirement | 32927 | 43.75 | 1988 | 8.33 | | | 34915 | 35.22089 |
| Could not find work | 18816 | 25 | 11271 | 47.22 | | | 30087 | 30.35059 |
| Work hardship | 94 | 12.50% | 40 | 16.67% | | | 134 | 13.52% |
| Old age | 47 | 6.25% | 0 | 0.00% | | | 47 | 4.74% |
| Not in the industry before | 47 | 6.25% | 7 | 2.78% | | | 54 | 5.45% |
| Health/family/study issues | 47 | 6.25% | 53 | 22.22% | | | 100 | 10.09% |
| Others | 0 | 0.00% | 7 | 2.78% | | | 7 | 0.71% |

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

| | RSW | Ratio | RSS | Ratio | RGW | Ratio | All | |
|---|---|---|---|---|---|---|---|---|
| Could find work | 0 | 0.00% | 36 | 57.14% | | | 36 | 3.63% |
| Higher wage | 0 | 0.00% | 18 | 28.57% | | | 18 | 1.82% |
| Better fringe benefits | 0 | 0.00% | 9 | 14.29% | | | 9 | 0.91% |

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