

## Estimated Percentiles for Static-99R Scores for Canadian Sex Offenders

Static-99R Score	Observed Percentages			Percentile Rank defined as mid-point average	
	Below	Same	Higher	Percentile	95% CI
-3	0	2.7	97.3	1.3	0 – 2.9
-2	2.7	3.0	94.3	4.2	2.4 – 6.1
-1	5.7	7.9	86.4	9.7	5.7 – 13.9
0	13.6	10.3	76.1	18.7	13.4 – 24.1
1	23.9	15.7	60.4	31.7	23.8 – 39.7
2	39.6	17.5	42.9	48.3	39.5 – 57.1
3	57.1	17.2	25.7	65.7	57.0 – 74.3
4	74.3	10.7	15.0	79.6	74.0 – 85.1
5	85.0	7.4	7.6	88.7	84.6 – 92.5
6	92.4	3.6	4.0	94.2	91.9 – 96.2
7	96.0	2.5	1.5	97.2	95.6 – 98.6
8	98.5	1.2	0.3	99.1	98.2 – 99.8
9	99.7	0.28	0.02	99.9	99.5 – 100.0
10+	99.98	0.02	0	99.99	99.8 – 100.0

Interpretation Examples (using a score of 6):

For a score of 6: Compared to other adult male sex offenders, Mr. \_\_\_\_\_'s score is in the 94<sup>th</sup> percentile. Taking into account that about 4% of sex offenders shared the same score as Mr. \_\_\_\_\_, the percentile means that roughly 92% of offenders scored lower than Mr. \_\_\_\_\_, and 4% scored higher.

These percentiles are from 2,011 cases from 4 samples of Canadian sex offenders, which were reweighted to approximate the distribution of all convicted sex offenders in Canada. These percentiles appear highly stable in international comparisons with large, relatively representative samples in Sweden and California.

Source: Hanson, R. K., Lloyd, C. D., Helmus, L., & Thornton, D. (in press). Developing non-arbitrary metrics for risk communication: Percentile ranks for the Static-99/R and Static-2002/R sexual offender risk tools. *International Journal of Forensic Mental Health*.