

Study on all National Hockey League players

Astrology

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Data

This new study includes all players born outside of Canada.

Players

A file *Players* containing 7,204 data has been created. The names of the players are on a list published on the [Internet Hockey Database](#) website.

Natural Births

The *Nbs* control file (see Introduction Sports_En_Analysis.pdf) covers the period 1890-1988 for sections 1 and 2, and covers the period 1850-1950 for section 3. Its results are compared with those of the *Players* file.

Control Group

For the period 1951-1988, a *GRP* control file was created to compare its results (Section 3) with those of the *Players* file.

The [RAE](#) phenomenon appeared following the introduction of the player's entry draft. The birth months have therefore been distributed on the base of the birth curve of the NHL players.

Period	Data	J	F	M	A	M	J	J	A	S	O	N	D
1951-1988	332,970	10.64%	9.81%	9.88%	10.57%	10.06%	8.58%	7.00%	7.24%	7.36%	06.99%	06.30%	05.57%

1. Natural Births 1890-1988

1.1 Distribution of $\sigma \text{ ☽}$ with an orb of $\pm 6.0^\circ$

Years	Players	Nbs	p	☿	♀	☼	♂	♃	♅	♁	♄	♆
0+	1,923	144,712	0.7951	+00.46%	-00.18%	+00.47%	+00.50%	-00.98%	-00.89%	+00.44%	+00.06%	+00.10%
2+	1,572	144,712	0.4568	+01.18%	+00.21%	+00.71%	+00.66%	-01.21%	-01.25%	-00.03%	-00.28%	
4+	1,255	144,712	0.5279	+01.16%	+00.58%	+00.29%	+00.89%	-01.67%	-00.56%	+00.06%	-00.78%	+00.03%
6+	1,000	144,712	0.4316	+01.37%	+00.45%	+00.33%	+01.10%	-02.17%	-00.84%	-00.30%	-00.02%	+00.07%

Global χ^2 – No significant percentage

1.2 Distribution of $\sigma \text{ ♃}$ with an orb of $\pm 2.0^\circ$

Years	Players	Nbs	p	♀	☼	♂	♃	♅	♁	♄	♆
0+	1,079	83,500	0.6102	+01.44%	+00.51%	+00.32%	+00.07%	+00.31%	-01.13%	-00.98%	-00.55%
2+	875	83,500	0.2993	+01.13%	-00.15%	+00.08%	+01.01%	+00.89%	-01.78%	-00.08%	-01.11%
4+	706	83,500	0.4775	+01.75%	-00.55%	-00.97%	+00.46%	+01.50%	-01.31%	-00.06%	-00.81%
6+	545	83,500	0.5597	+02.05%	+00.35%	-00.98%	-00.01%	+01.42%	-01.19%	-00.31%	-01.34%

Global χ^2 - Percentage of $\sigma \text{ ♃}$ on the rise over years

1.3 Distribution of $\sigma \text{ ♁}$ with an orb of $\pm 2.0^\circ$

Years	Players	Nbs	p	☿	☼	♂	♃	♅	♁	♄	♆
0+	970	68,986	0.0192	-00.33%	+00.01%	+03.85%	-01.14%	-00.03%	+00.15%	-00.69%	-01.82%
2+	768	68,986	0.0223	-00.11%	-00.11%	+03.95%	-01.14%	+00.52%	+00.36%	-01.55%	-01.93%
4+	642	68,986	0.0166	-00.26%	-00.15%	+04.70%	-02.33%	+00.29%		-00.63%	-01.61%
6+	508	68,986	0.0183	-00.51%	+00.13%	+05.53%	-01.87%	-01.31%	+00.17%	-00.32%	-01.81%

Global χ^2 - Percentage of $\sigma \text{ ♁}$ on the rise over years

1.4 Distribution of $\sigma \text{ ☼}$ with an orb of $\pm 2.0^\circ$

Years	Players	Nbs	p	☿	♀	♂	♃	♅	♁	♄	♆
0+	1,047	81,294	0.0658	+00.64%	+01.67%	+01.53%	+00.35%	-00.27%	-00.51%	-01.40%	-02.01%
2+	839	81,294	0.0449	+00.36%	+01.33%	+02.10%	-00.09%	+00.75%	-00.80%	-01.15%	-02.49%
4+	684	81,294	0.1428	-00.40%	+01.78%	+02.41%	-00.21%	+00.07%	-00.13%	-01.53%	-02.00%
6+	541	81,294	0.1688	-00.31%	+02.05%	+01.86%	-00.38%	+01.08%	-00.16%	-02.05%	-02.08%

Global χ^2 – No significant percentage

2. Natural Births 1890-1988 (Players 6 years and over)

2.1 Players file shuffled 200 times and shifted within ± 120 days

Orb	Shift	Players	Shuffle	p	♀	☉	♂	♃	♄	♅	♆	♇
♀ ♂ -2 ^o +2 ^o	-120	508	98,652	0.0493	-00.45%	+01.24%	+03.18%	-01.11%	-01.44%	+00.94%	-00.79%	-01.56%
♀ ♂ -2 ^o +2 ^o	-090	508	97,453	0.0534	-00.54%	+01.25%	+03.13%	-01.31%	-01.90%	+00.95%	-00.66%	-00.91%
♀ ♂ -2 ^o +2 ^o	0	508	95,287	0.1441	-01.13%	+00.79%	+02.41%	-01.47%	-01.73%	+01.26%	+00.65%	-00.77%
♀ ♂ -2 ^o +2 ^o	+090	508	96,543	0.1095	-00.36%	+00.04%	+02.62%	-01.32%	-01.07%	+01.07%	+00.26%	-01.22%
♀ ♂ -2 ^o +2 ^o	+120	508	97,068	0.1974	-00.09%	+00.59%	+02.14%	-01.50%	-00.88%	+00.91%	+00.36%	-01.51%

χ² ♂ - Maintained percentage for ♂ ♀ ♂

2.2 ♂ ♀ in decreasing orb

Orb	Players	Nbs	p	♀	☉	♂	♃	♄	♅	♆	♇
♀ ♂ -6 ^o +6 ^o	1,440	205,780	0.0001	-00.49%	-00.22%	+03.38%	-00.42%	+00.21%	-00.38%	-01.13%	-00.94%
♀ ♂ -4 ^o +4 ^o	987	137,125	0.0027	-00.74%	+00.46%	+03.26%	-00.69%	-00.08%	-00.02%	-00.69%	-01.48%
♀ ♂ -3 ^o +3 ^o	756	103,437	0.0028	-00.31%	+00.01%	+03.70%	-00.92%	+00.05%	-00.31%	-01.20%	-00.99%
♀ ♂ -2 ^o +2 ^o	508	68,986	0.0002	-00.51%	+00.13%	+05.53%	-01.87%	-01.31%	+00.17%	-00.32%	-01.81%

χ² ♂ - Percentage of ♂ ♀ ♂ in inverse progression of the chosen orb

2.3 Distribution of aspects ♀ ♂ with an orb of ±2.0^o

Players	Nbs	p	♂	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
945	128,879	0.0003	+03.01%	-00.49%	-00.82%	-01.53%	+00.72%	+00.16%	-01.83%	+00.64%	+01.21%	-00.60%	+00.61%	-01.18%	+00.10%

χ² ♂ - Higher percentage for ♂ ♀ ♂

3. Per period (Players 6 years and over)

3.1 Distribution of ♂ ♀ with an orb of ±2.0^o

Period	Players	Nbs-Grp*	p	♀	☉	♂	♃	♄	♅	♆	♇
1890-1929	62	27,024	0.3221	+02.73%	-02.39%	+03.88%	-02.70%	-01.95%	+07.83%	-06.45%	-00.95%
1930-1950	58	14,131	0.9468	-02.71%	+00.76%	-00.27%	+00.45%	-01.42%	+00.94%	+02.27%	-00.04%
1951-1960*	65	11,471	0.811	-02.97%	+03.00%	+01.08%	-05.38%	+01.66%	+05.03%	+00.43%	-02.86%
1961-1970*	112	13,976	0.1137	-02.65%	+03.37%	-04.86%	+00.21%	-00.42%	-00.65%	+01.95%	+03.06%
1971-1979*	123	12,445	0.1438	+00.21%	-04.57%	+05.66%	+00.52%	-03.51%	-00.56%	+01.12%	+01.12%
1980-1988*	88	11,302	0.1304	-01.01%	+00.90%	+06.65%	-05.04%	-00.78%	+00.92%	+02.94%	-04.59%
1890-1988	508	90,349	0.0092	-00.97%	-00.30%	+04.11%	-01.95%	-01.34%	+01.04%	+00.38%	-00.94%

χ² ♂ - Higher Percentage of ♂ ♀ ♂ for most of analyzed periods

Annex 1

1.1 Distribution of $\sigma \mathcal{D}$ with an orb of $\pm 6.0^\circ$

Years	Players	♁	♀	☉	♂	♃	♅	♁	♃	♁
0+	1,923	221	209	218	227	194	199	222	217	216
2+	1,572	192	177	182	188	155	157	174	172	175
4+	1,255	153	146	140	153	118	134	140	131	140
6+	1,000	124	115	112	124	89	104	108	112	112

Period	Nbs	♁	♀	☉	♂	♃	♅	♁	♃	♁
1890-1988	144,712	15,966	15,984	15,723	16,352	16,019	16,263	16,066	16,230	16,109

1.2 Distribution of $\sigma \mathcal{F}$ with an orb of $\pm 2.0^\circ$

Years	Players	♀	☉	♂	♃	♅	♁	♃	♁	♁
0+	1,079	229	366	121	86	85	60	68	64	64
2+	875	183	291	96	78	74	43	63	47	47
4+	706	152	232	70	59	64	38	51	40	40
6+	545	119	184	54	43	49	30	38	28	28

Period	Nbs	♀	☉	♂	♃	♅	♁	♃	♁	♁
1890-1988	83,500	16,517	27,899	9,093	6,597	6,325	5,582	6,075	5,412	5,412

1.3 Distribution of $\sigma \mathcal{G}$ with an orb of $\pm 2.0^\circ$

Years	Players	♁	☉	♂	♃	♅	♁	♃	♁	♁
0+	970	229	207	167	72	83	80	69	63	63
2+	768	183	163	133	57	70	65	48	49	49
4+	642	152	136	116	40	57	52	46	43	43
6+	508	119	109	96	34	37	42	38	33	33

Period	Nbs	♁	☉	♂	♃	♅	♁	♃	♁	♁
1890-1988	68,986	16,517	14,716	9,220	5,904	5,925	5,589	5,382	5,733	5,733

1.4 Distribution of $\sigma \mathcal{H}$ with an orb of $\pm 2.0^\circ$

Years	Players	♁	♀	♂	♃	♅	♁	♃	♁	♁
0+	1,047	366	207	130	87	73	68	61	55	55
2+	839	291	163	109	66	67	52	51	40	40
4+	684	232	136	91	53	50	47	39	36	36
6+	541	184	109	69	41	45	37	28	28	28

Period	Nbs	♁	♀	♂	♃	♅	♁	♃	♁	♁
1890-1988	81,294	27,899	14,716	8,853	6,470	5,886	5,693	5,879	5,898	5,898

Annex 2

2.1 *Players* file shuffled 200 times and shifted within ± 120 days

Orb	Shift	Shuffle	♀	☉	♂	♃	♅	♁	♄	♆
♀ ♂ -2°+2°	-120	98,652	23,558	19,951	15,510	7,693	8,600	7,229	8,161	7,950
♀ ♂ -2°+2°	-090	97,453	23,359	19,700	15,372	7,792	8,946	7,131	7,931	7,222
♀ ♂ -2°+2°	0	95,287	23,398	19,692	15,715	7,780	8,586	6,680	6,508	6,928
♀ ♂ -2°+2°	+090	96,543	22,966	20,679	15,714	7,735	8,065	6,954	6,973	7,457
♀ ♂ -2°+2°	+120	97,068	22,835	20,257	16,270	7,947	7,923	7,148	6,914	7,774

Years	Players	♀	☉	♂	♃	♅	♁	♄	♆
6+	508	119	109	96	34	37	42	38	33

2.2 ♂ ♀ in decreasing orb

Orbs	Players	♀	☉	♂	♃	♅	♁	♄	♆
♀ ♂ -6°+6°	1,440	326	308	237	123	128	113	97	108
♀ ♂ -4°+4°	987	221	217	165	81	84	81	70	68
♀ ♂ -3°+3°	756	175	162	129	60	65	60	50	55
♀ ♂ -2°+2°	508	119	109	96	34	37	42	38	33

Orbs	Nbs	♀	☉	♂	♃	♅	♁	♄	♆
♀ ♂ -6°+6°	205,780	47,595	44,475	26,912	18,435	17,867	16,931	16,187	17,378
♀ ♂ -4°+4°	137,125	31,717	29,523	18,456	12,210	11,784	11,287	10,666	11,482
♀ ♂ -3°+3°	103,437	24,266	22,161	13,824	9,168	8,839	8,538	8,082	8,559
♀ ♂ -2°+2°	68,986	16,517	14,716	9,220	5,904	5,925	5,589	5,382	5,733

2.3 Distribution of aspects ♀ ♂ with an orb of $\pm 2.0^\circ$

Players	♂	♁	♂	♂	*	♁	♁	♁	♁	♁	♁	♁	♁
945	96	118	98	100	110	86	60	83	75	42	41	21	15

Nbs	♂	♁	♂	♂	*	♁	♁	♁	♁	♁	♁	♁	♁
128,879	9,220	16,731	14,416	15,606	14,074	11,520	10,542	10,485	8,677	6,501	4,804	4,382	1,921

Annex 3

3.1 Distribution of σ φ with an orb of $\pm 2.0^\circ$

Period	Players	φ	\ominus	σ	λ	η	\mathfrak{B}	Ψ	φ
1890-1929	62	17	12	9	4	4	10	1	5
1930-1950	58	12	14	6	6	4	6	6	4
1951-1960	65	11	17	11	2	8	8	4	4
1961-1970	112	30	27	8	9	13	5	11	9
1971-1979	123	26	20	37	11	4	8	9	8
1980-1988	88	23	19	25	2	4	5	7	3
1890-1988	508	119	109	96	34	37	42	38	33

Period	Nbs-Grp*	φ	\ominus	σ	λ	η	\mathfrak{B}	Ψ	φ
1890-1929	27,024	6,672	5,876	2,875	2,473	2,271	2,242	2,179	2,436
1930-1950	14,131	3,306	3,304	1,500	1,397	1,175	1,328	1,141	980
1951-1960*	11,471	2,282	2,655	1,817	970	1,222	835	656	1,034
1961-1970*	13,976	4,115	2,899	1,677	1,094	1,681	714	1,100	696
1971-1979*	12,445	2,605	2,592	3,039	1,048	841	879	772	669
1980-1988*	11,302	3,069	2,338	2,459	826	602	538	566	904
1890-1988	90,349	22,049	19,664	13,367	7,808	7,792	6,536	6,414	6,719