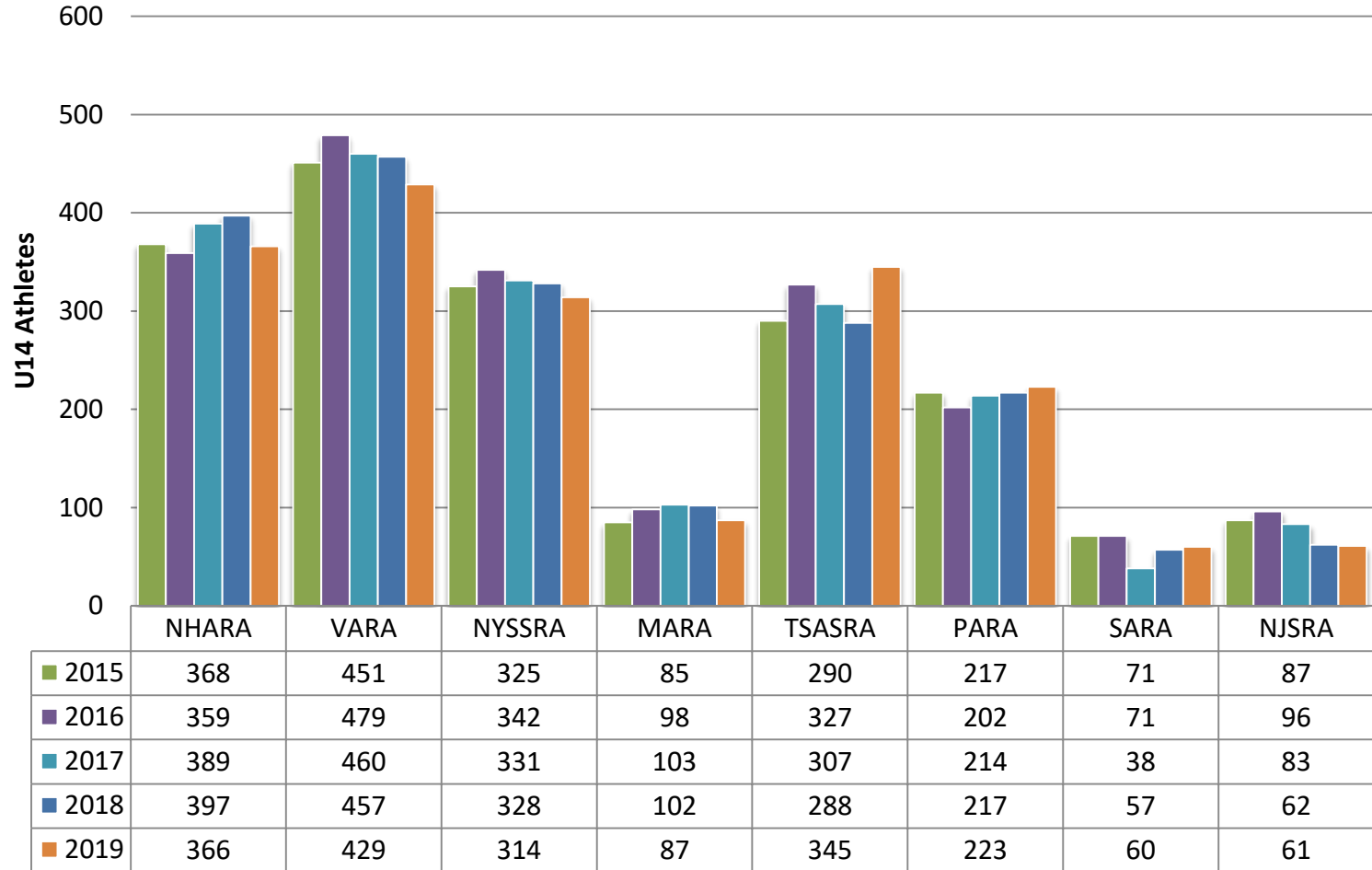


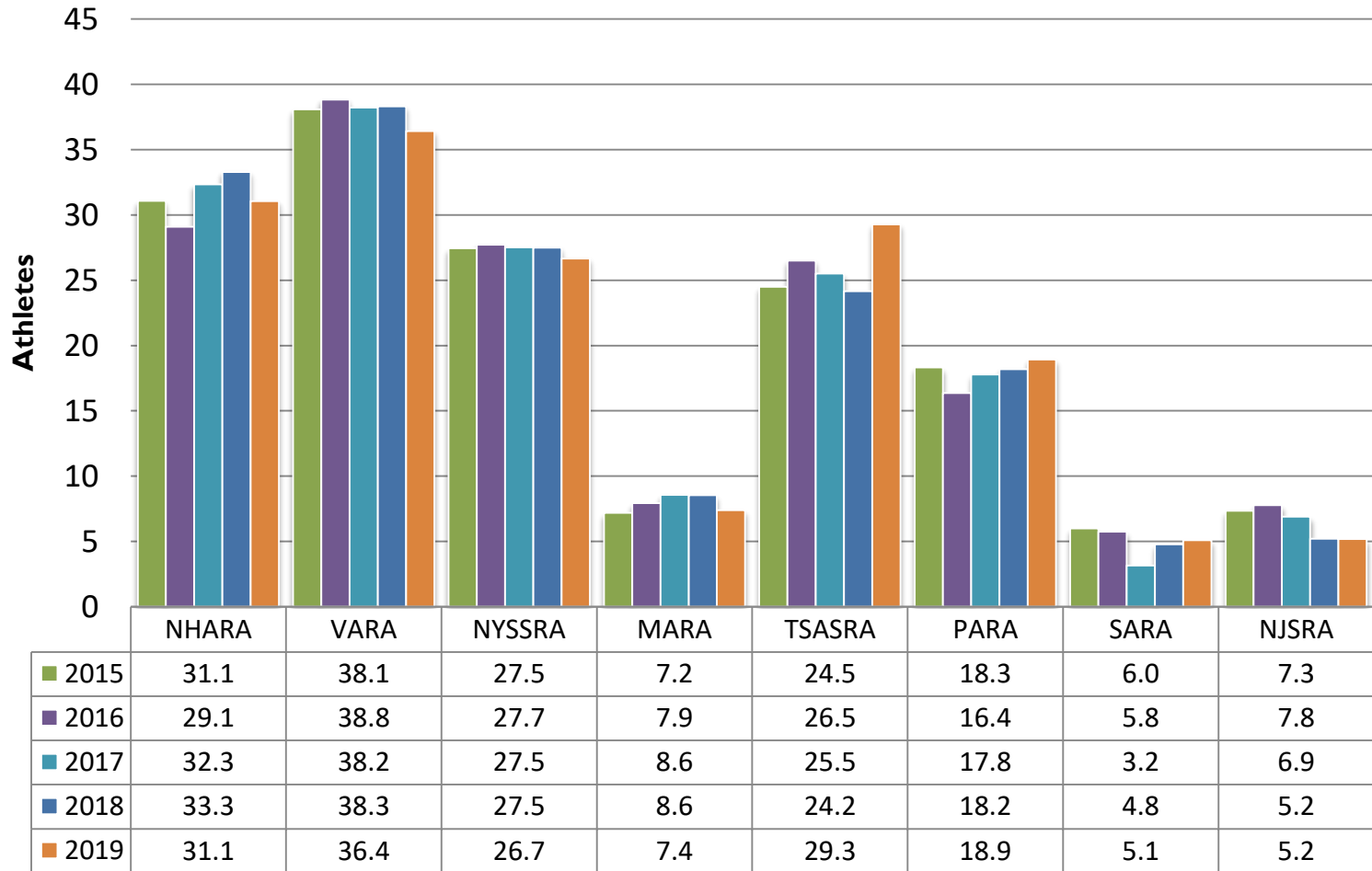
**U14 QUOTA CALCULATIONS
2020 EASTERN CHAMPIONSHIPS**

April 10, 2019

U14 Population Trends



U14 Quotas Based on Population Alone



Performance: U14 Easterns Rankings

2018

Region	1-20	21-40	41-60	61+	Total	1-20	21-40	41-60	61+	Total
NHARA	9	10	11	5	35	26%	29%	31%	14%	100%
VARA	21	17	10	6	54	39%	31%	19%	11%	100%
NYSSRA	4	5	6	11	26	15%	19%	23%	42%	100%
MARA	6	3	2	2	13	46%	23%	15%	15%	100%
TSASRA	0	0	6	8	14	0%	0%	43%	57%	100%
PARA	0	3	1	7	11	0%	27%	9%	64%	100%
SARA	0	0	1	3	4	0%	0%	25%	75%	100%
NJSRA	0	2	2	2	6	0%	33%	33%	33%	100%

2019

Region	1-20	21-40	41-60	61+	Total	1-20	21-40	41-60	61+	Total
NHARA	13	8	8	6	35	37%	23%	23%	17%	100%
VARA	22	20	11	4	57	39%	35%	19%	7%	100%
NYSSRA	0	6	13	6	25	0%	24%	52%	24%	100%
MARA	3	3	4	3	13	23%	23%	31%	23%	100%
TSASRA	0	2	3	9	14	0%	14%	21%	64%	100%
PARA	0	1	1	9	11	0%	9%	9%	82%	100%
SARA	0	0	0	6	6	0%	0%	0%	100%	100%
NJSRA	0	0	0	6	6	0%	0%	0%	100%	100%

Quota Calculation: 50% Population/50% Performance

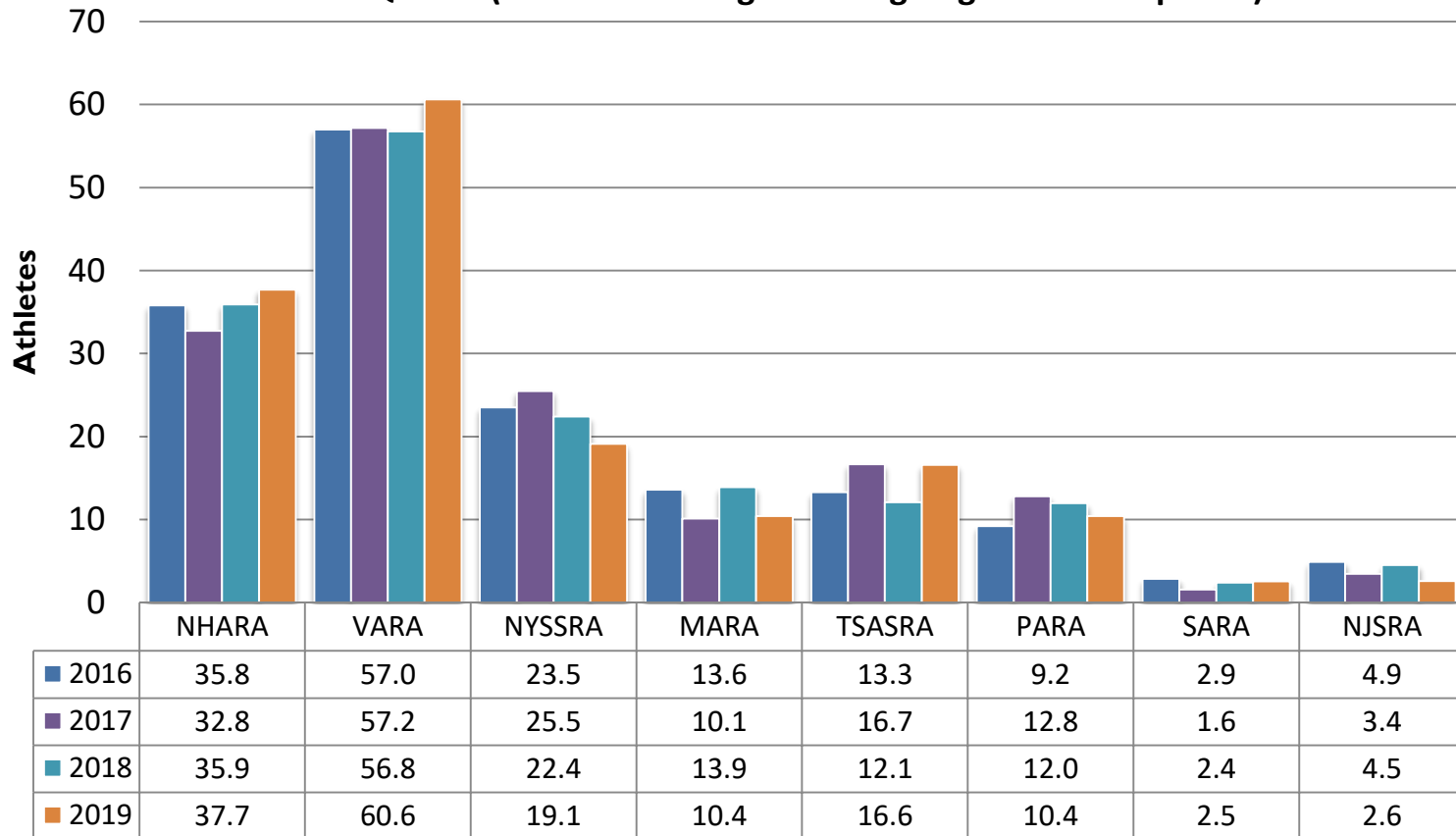
REGION	2018 POPULATION	POPULATION QUOTA TOTAL	MEN IN TOP 50%*	LADIES IN TOP 50%*	TOTAL IN TOP 50%	PERFORMANCE QUOTA TOTAL	WEIGHTED 2018 QUOTA
NHARA	397	33.3	12	8	20	38.6	35.9
VARA	457	38.3	19	20	39	75.2	56.8
NYSSRA	328	27.5	4	5	9	17.3	22.4
MARA	102	8.6	4	6	10	19.3	13.9
TSASRA	288	24.2	0	0	0	0.0	12.1
PARA	217	18.2	1	2	3	5.8	12.0
SARA	57	4.8	0	0	0	0.0	2.4
NJSRA	62	5.2	1	1	2	3.9	4.5
TOTAL	1,908	160	41	42	83	160	160

REGION	2019 POPULATION	POPULATION QUOTA TOTAL	MEN IN TOP 50%*	LADIES IN TOP 50%*	TOTAL IN TOP 50%	PERFORMANCE QUOTA TOTAL	WEIGHTED 2019 QUOTA
NHARA	366	31.1	12	11	23	44.3	37.7
VARA	429	36.4	24	20	44	84.8	60.6
NYSSRA	314	26.7	1	5	6	11.6	19.1
MARA	87	7.4	4	3	7	13.5	10.4
TSASRA	345	29.3	1	1	2	3.9	16.6
PARA	223	18.9	0	1	1	1.9	10.4
SARA	60	5.1	0	0	0	0.0	2.5
NJSRA	61	5.2	0	0	0	0.0	2.6
TOTAL	1,885	160	42	41	83	160	160

*Performance is based on having athletes ranked in top 50% (Best 2 of 7)

Weighted Quotas (50% Population/50% Performance)

Raw Quotas (before rounding and assigning minimum quotas)



Proposed U14 Easterns Quotas

	NHARA	VARA	NYSSRA	MARA	TSASRA	PARA	SARA	NJSRA	TOTAL
2017 Raw Quotas	32.8	57.2	25.5	10.1	16.7	12.8	1.6	3.4	160
2018 Raw Quotas	35.9	56.8	22.4	13.9	12.1	12.0	2.4	4.5	160
2019 Raw Quotas	37.7	60.6	19.1	10.4	16.6	10.4	2.5	2.6	160
3-Year Average	35.46	58.2	22.3	11.5	15.1	11.7	2.2	3.5	160
Rounded Quotas	35	58	22	12	15	12	2	4	160
2019 Population	366	429	314	87	345	223	60	61	1,885
% of 2019 Population	9.6%	13.5%	7.0%	13.8%	4.3%	5.4%	3.3%	6.6%	8.4%
Proposed 2020 Quotas	35	58	22	12	15	12	6	6	166

Assumptions:

1. Quotas are based on **3-year average**.
2. Target field size = **160** (adjusting for minimum quotas of 6, the total quota ends up higher=166)
3. Weighting of Population/Performance = **50%/50%**
4. Performance Benchmark = **Top 50% of rankings ("Best 2 of 7" Place Points)**

Final Quotas as a Percentage of State Population

