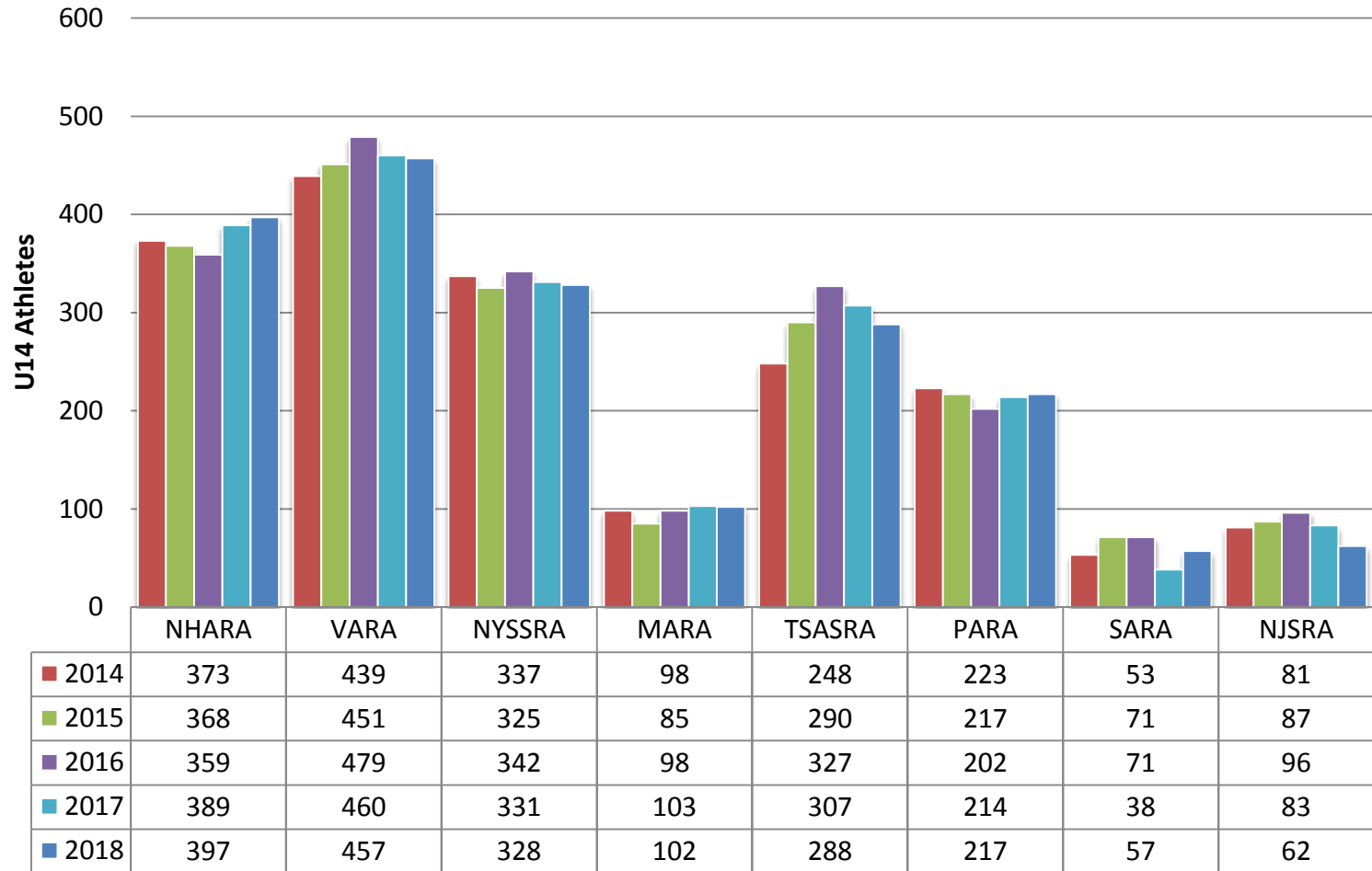


**U14 QUOTA CALCULATIONS  
2019 EASTERN CHAMPIONSHIPS**

March 30, 2018

# U14 Population Trends



# Performance: U14 Easterns Rankings

## 2017

Region	0-20	21-40	41-60	61+	Total	0-20	21-40	41-60	61+	Total
NHARA	8	8	16	5	37	22%	22%	43%	14%	100%
VARA	24	14	9	4	51	47%	27%	18%	8%	100%
NYSSRA	3	9	8	8	28	11%	32%	29%	29%	100%
MARA	3	3	4	4	14	21%	21%	29%	29%	100%
TSASRA	0	4	2	7	13	0%	31%	15%	54%	100%
PARA	2	2	1	5	10	20%	20%	10%	50%	100%
SARA	0	0	0	4	4	0%	0%	0%	100%	100%
NJSRA	0	0	0	6	6	0%	0%	0%	100%	100%

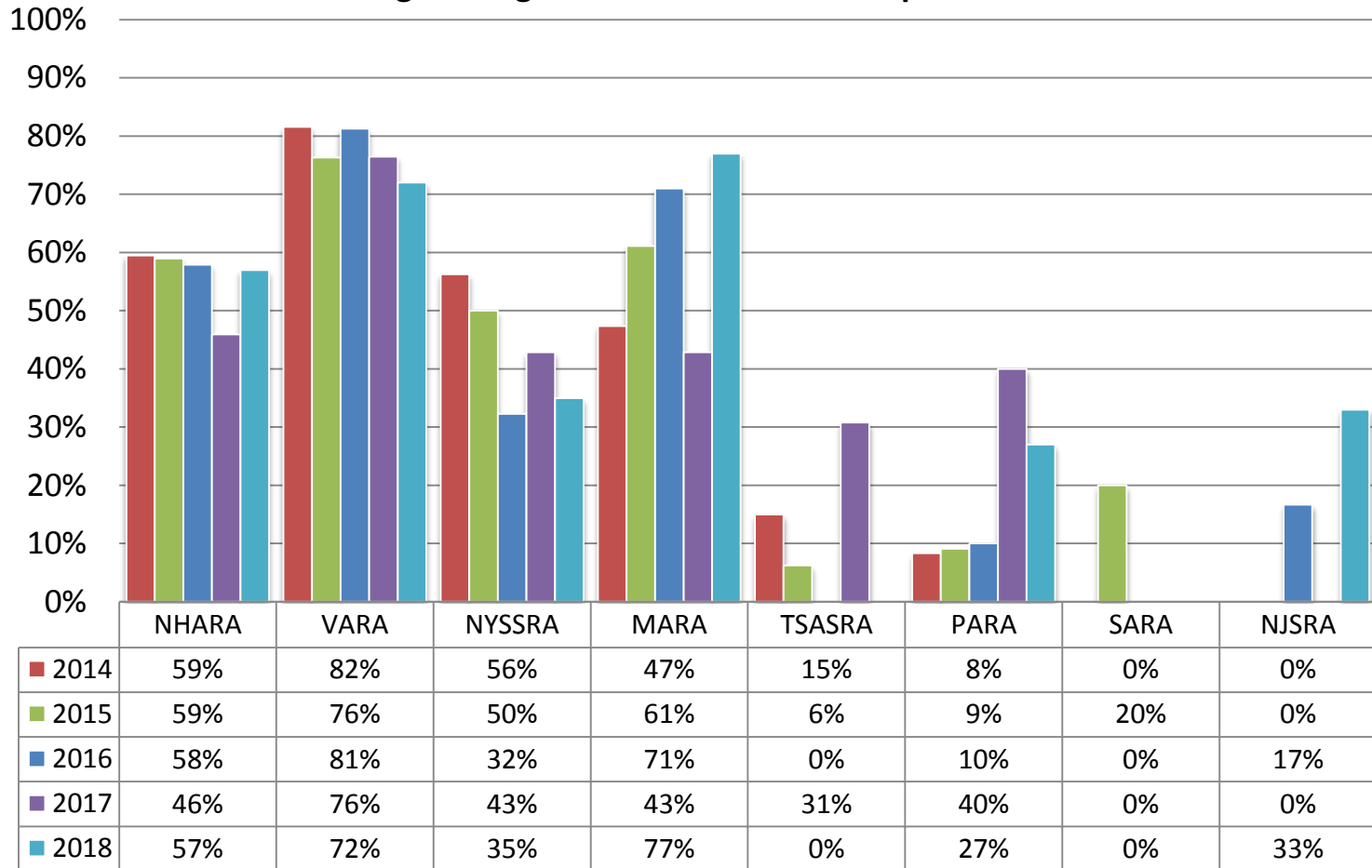
## 2018

Region	0-20	21-40	41-60	61+	Total	0-20	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%

\*4 of these 6 VARA athletes were injured and did not compete in the whole Eastern Championship series.

# U14 Performance Trends

Percentage of Region's Quota Ranked in Top 50% of the Field



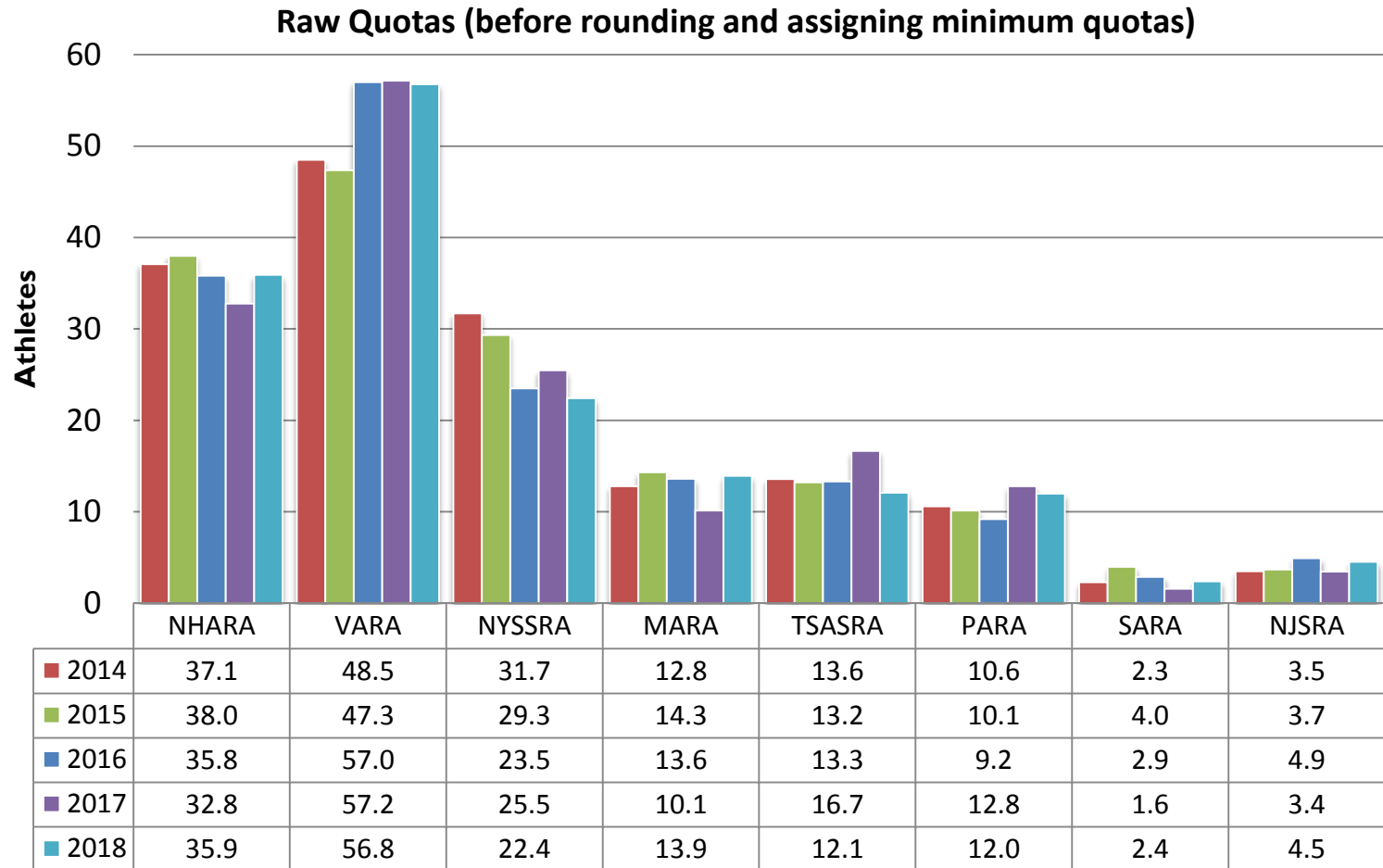
# Quota Calculation: 50% Population/50% Performance

REGION	2017 POPULATION	POPULATION QUOTA TOTAL	MEN IN TOP 50%*	LADIES IN TOP 50%*	TOTAL IN TOP 50%	PERFORMANCE QUOTA TOTAL	WEIGHTED 2017 QUOTA
NHARA	389	32.3	11	6	17	33.2	32.8
VARA	460	38.2	18	21	39	76.1	57.2
NYSSRA	331	27.5	3	9	12	25.5	25.5
MARA	103	8.6	3	3	6	11.7	10.1
TSASRA	307	25.5	2	2	4	7.8	16.7
PARA	214	17.8	3	1	4	7.8	12.8
SARA	38	3.2	0	0	0	0.0	1.6
NJSRA	83	6.9	0	0	0	0.0	3.4
<b>TOTAL</b>	<b>1,925</b>	<b>160</b>	<b>40</b>	<b>42</b>	<b>82</b>	<b>160</b>	<b>160</b>

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
<b>TOTAL</b>	<b>1,908</b>	<b>160</b>	<b>41</b>	<b>42</b>	<b>83</b>	<b>160</b>	<b>160</b>

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

# Weighted Quotas (50% Population/50% Performance)



# Proposed U14 Easterns Quotas

	NHARA	VARA	NYSSRA	MARA	TSASRA	PARA	SARA	NJSRA	TOTAL
2016 Raw Quotas	35.8	57.0	23.5	13.6	13.3	9.2	2.9	4.9	160
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
3-Year Average	34.8	57.0	23.8	12.6	14.0	11.3	2.3	4.3	160
Rounded Quotas	35	57	24	13	14	11	2	4	160
% of 2018 Population:	8.8%	12.5%	7.3%	12.7%	4.9%	5.1%	3.5%	6.5%	8.4%
<b>Proposed 2019 Quotas</b>	<b>35</b>	<b>57</b>	<b>24</b>	<b>13</b>	<b>14</b>	<b>11</b>	<b>6</b>	<b>6</b>	<b>166</b>

## Assumptions:

1. Quotas are based on **3-year average**.
2. Target field size = **160** (after rounding and minimum quotas, 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)**
5. Minimum quota = **6**