

Region 2 Director Report

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Region 8 Meeting

Cairo, Egypt, October 2022



Who am I? Barry Tilton, P.E., PMP, SM-IEEE-HKN

Region 2 Director, IEEE, IEEE-MGA and IEEE-USA

- ▶ Technology Evangelist for Maxar Technologies
- ▶ Member of IEEE since 1985 and volunteer since 2004
- ▶ USC Class of 1985
- ▶ Licensed Professional Engineer 2007
- ▶ Have worked for the US Air Force, NASA, and industry



FAVORITE QUOTE:

“Keep moving forward”...-Walt Disney



Region 2 OU Top 10 Membership Support

| Product Name | % of Total Quantity | Quantity |
|--|---------------------|----------|
| IEEE Young Professionals | 17.84% | 3767 |
| IEEE Computer Society Membership | 14.96% | 3158 |
| IEEE Power & Energy Society Membership | 8.26% | 1743 |
| IEEE Communications Society Membership | 6.76% | 1428 |
| IEEE Signal Processing Society Membership | 4.22% | 892 |
| IEEE Robotics and Automation Society Membership | 3.13% | 661 |
| IEEE Antennas and Propagation Society Membership | 2.89% | 611 |
| IEEE Industry Applications Society Membership | 2.81% | 593 |
| IEEE Aerospace and Electronic Systems Society Membership | 2.68% | 566 |
| IEEE Microwave Theory and Technology Society Membership | 2.62% | 553 |

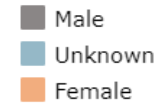
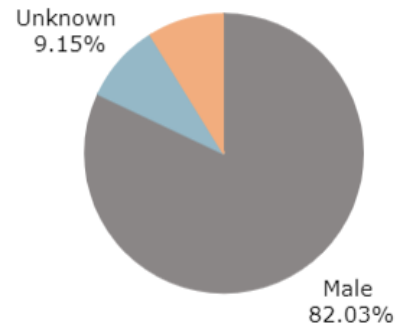
Counts 02 OCT 2022



IEEE

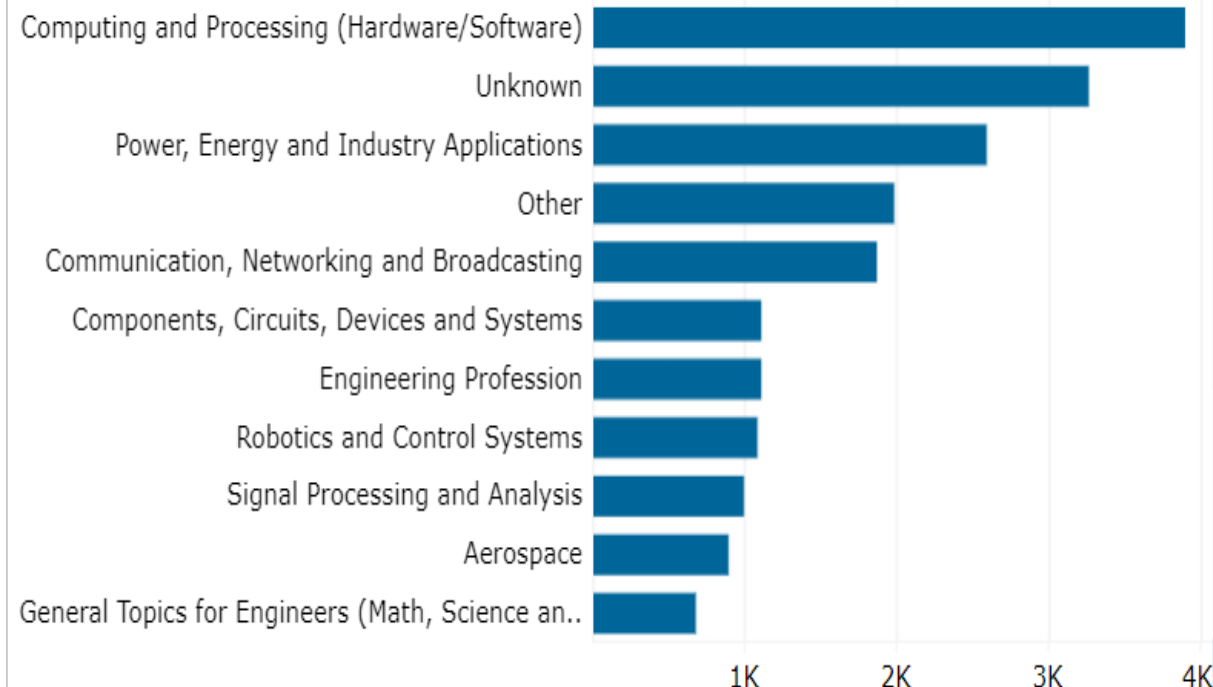
Region 2

19.1% member loss since February 2019 (26294)

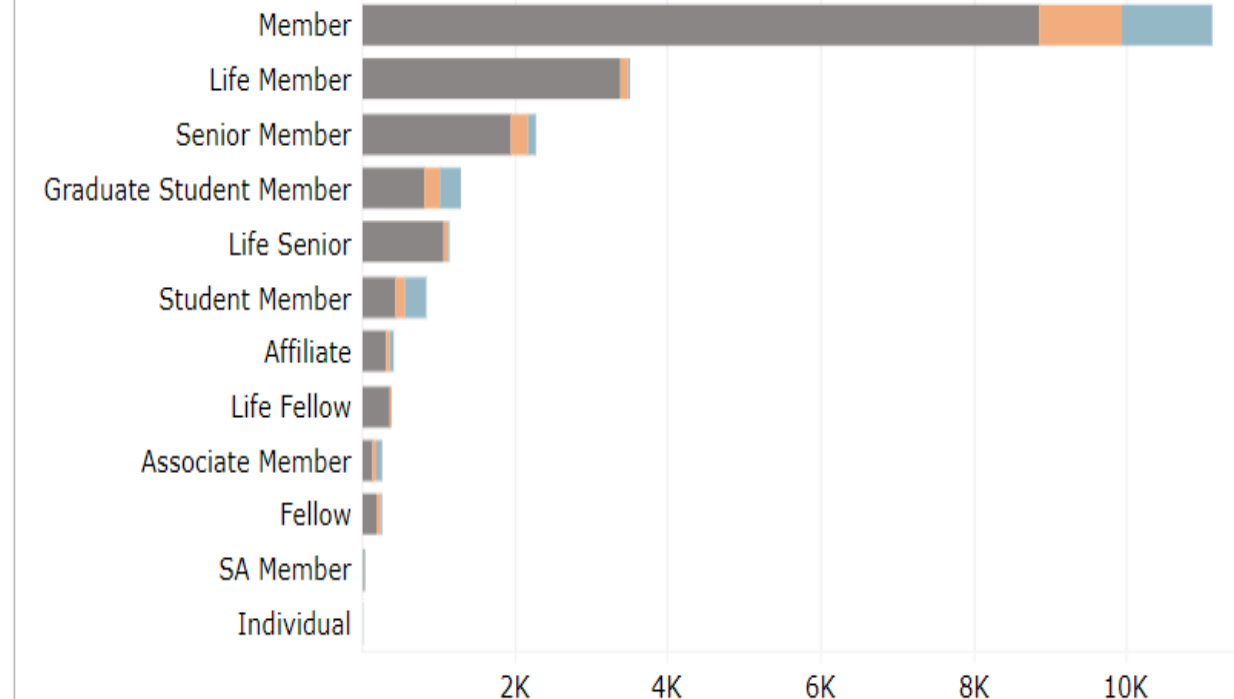


Current Membership
21527

Count by Technology Focus Area



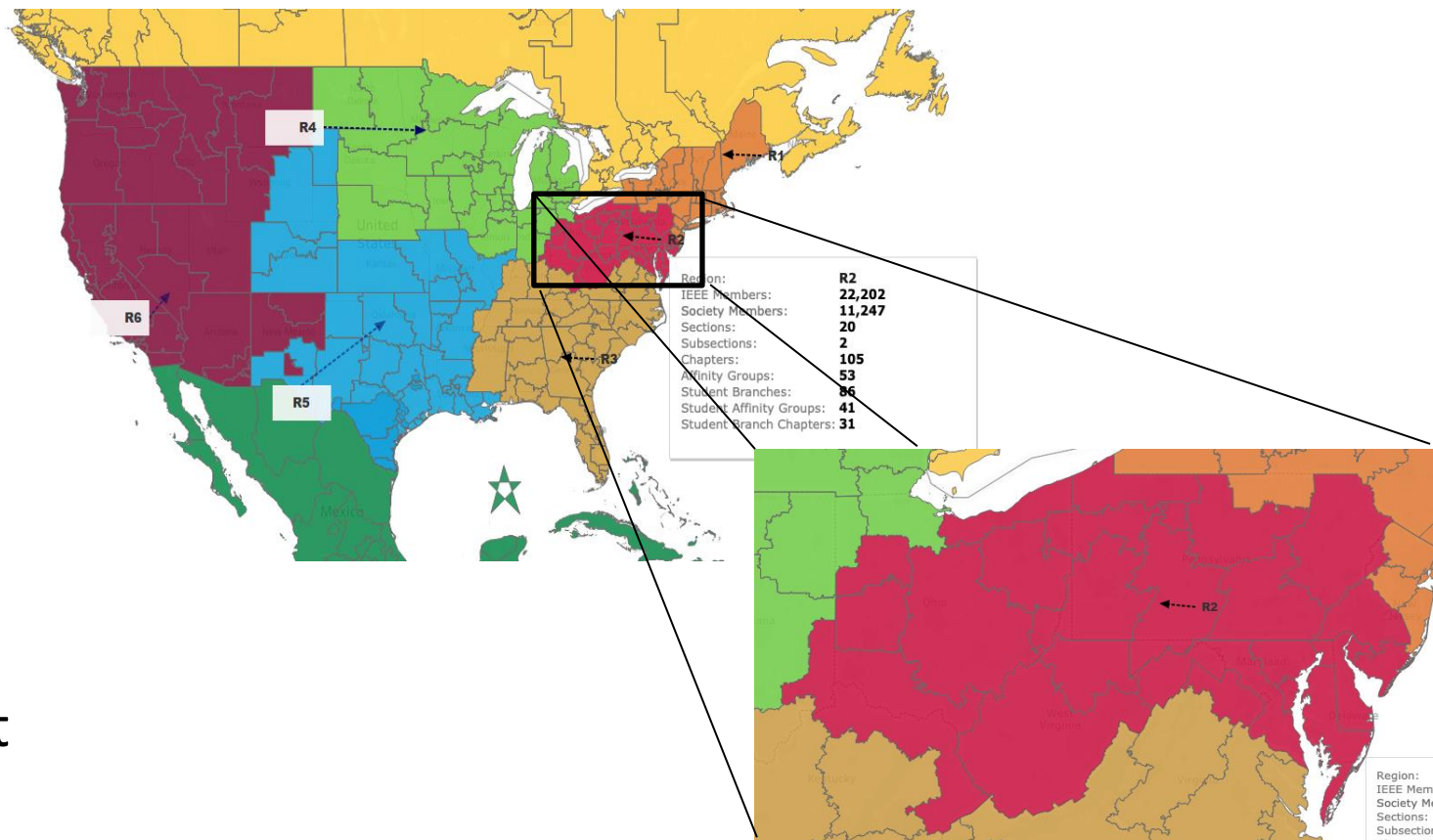
Count by Grade and Gender



Counts 02 OCT 2022

Who are we?

- Region 2 extends from the US Mid-Atlantic States to the edge of the Midwest
- Maryland, Pennsylvania, Delaware, West Virginia, most of Ohio and Portions of Virginia and New Jersey

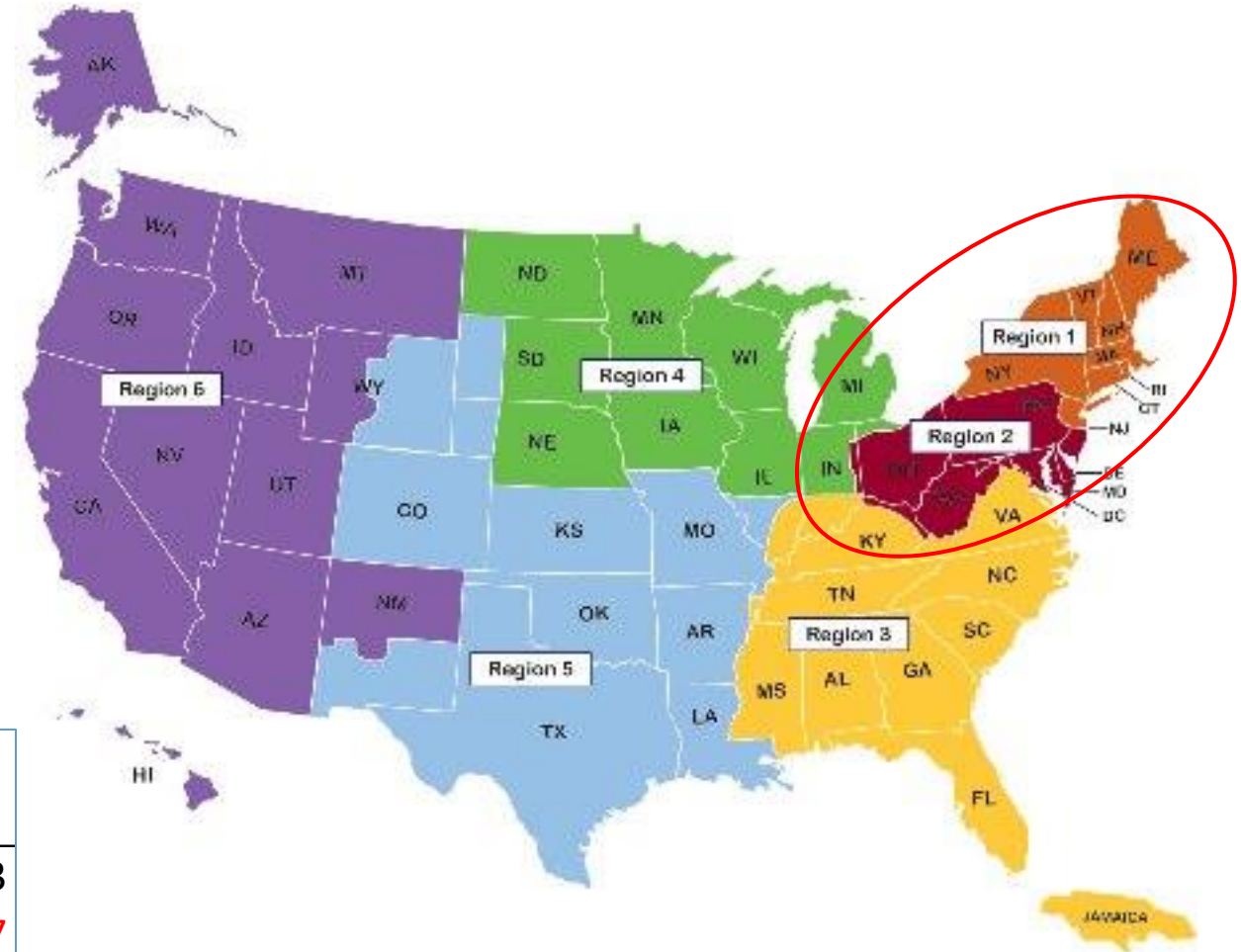


We are the smallest Region physically, but in the middle in strength

Region Realignment Effort: Probable conclusion...

- ▶ Goal: Reduce 6 Regions to 5 Regions
- ▶ Plan approved by MGA for submission to IEEE Board next month:
- ▶ Merge US Regions 1 & 2 (with the designation Region 2 to keep balance with future Asian Region 11)
- ▶ Anticipated merge efforts between now and 2027-8

| | Voting Region Members | Over/ Under |
|--------|--------------------------|----------------|
| R1+R2: | 45,531 | 15,933 |
| R3: | 23,001 | 6,597 |
| R4: | 15,983 | 13,615 |
| R5: | 21,067 | 8,531 |
| R6: | 42,409 | 12,811 |



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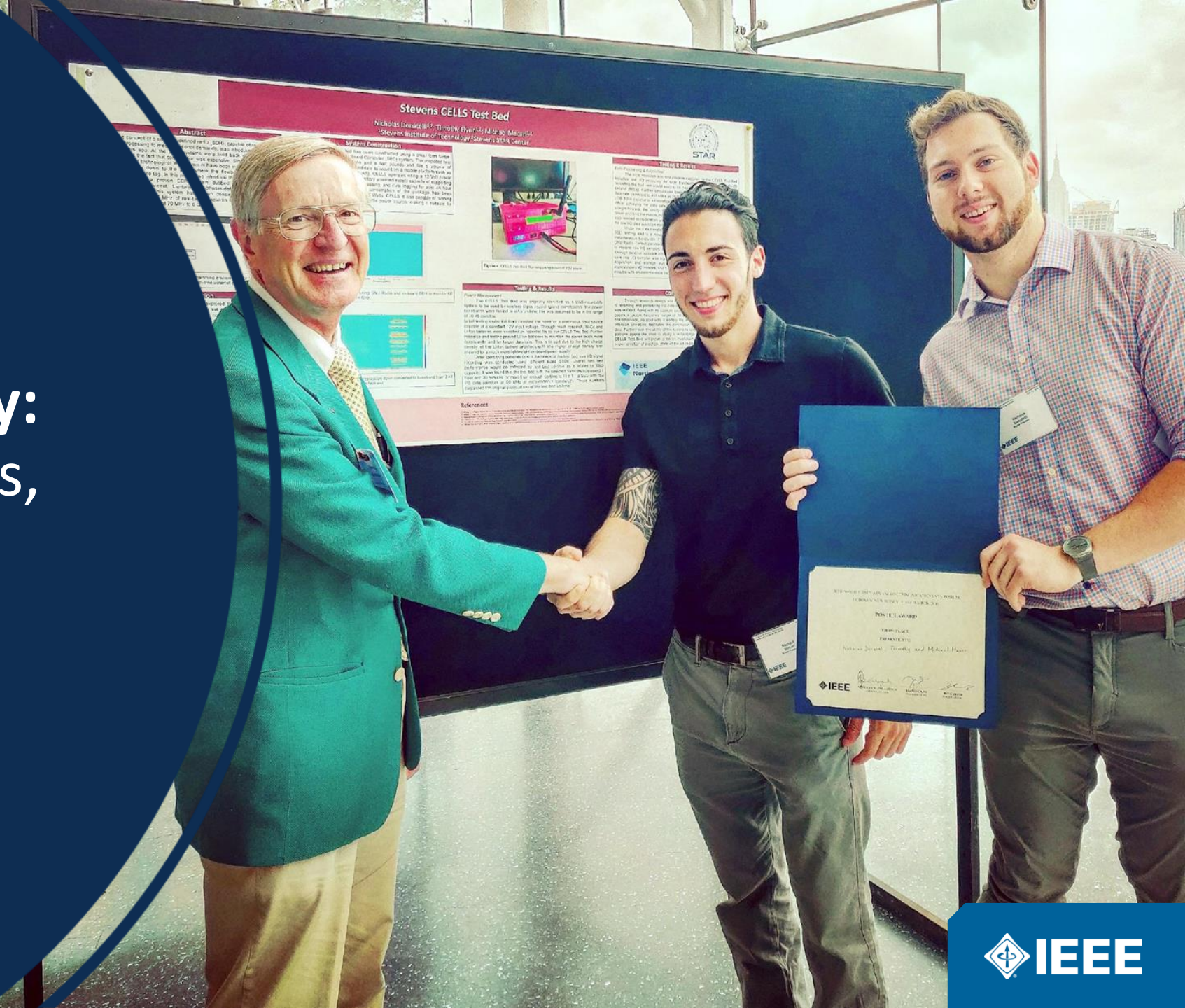
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Collateral

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Various print advertisements

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Newsletter content

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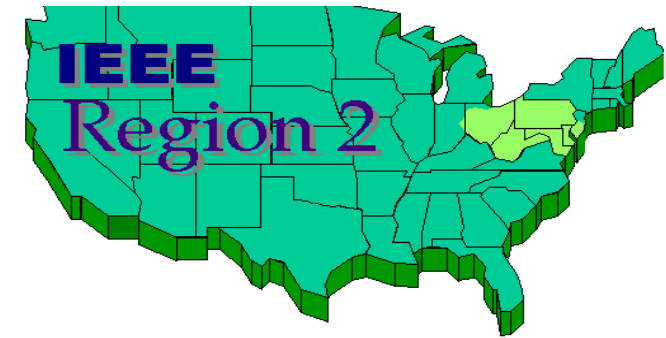
2022 R2 Membership Recruitment

| 2022 Membership Year Recruitment Goals | | | | | | | | | | | | By 15 August | | |
|--|------------------------------|------|----------|------|----------|------|----------|------|----------|------|----------|--------------|---------------|---------------|
| Region | Section Name | 2017 | 2017 YoY | 2018 | 2018 YoY | 2019 | 2019 YoY | 2020 | 2020 YoY | 2021 | 2021 YoY | 2022 # Goal | 2022 # Growth | 2022 % Growth |
| R2 | Akron Section | 47 | -51.5% | 60 | 27.7% | 50 | -16.7% | 47 | -6.0% | 33 | -29.8% | 35 | 2 | 6.1% |
| R2 | Baltimore Section | 272 | -19.3% | 309 | 13.6% | 293 | -5.2% | 287 | -2.0% | 224 | -22.0% | 230 | 6 | 2.7% |
| R2 | Central Pennsylvania Section | 116 | 31.8% | 71 | -38.8% | 97 | 36.6% | 65 | -33.0% | 56 | -13.8% | 58 | 2 | 3.6% |
| R2 | Cincinnati Section | 112 | 6.7% | 112 | 0.0% | 85 | -24.1% | 76 | -10.6% | 63 | -17.1% | 65 | 2 | 3.2% |
| R2 | Cleveland Section | 135 | -6.9% | 148 | 9.6% | 120 | -18.9% | 85 | -29.2% | 85 | 0.0% | 90 | 5 | 5.9% |
| R2 | Columbus Section | 150 | -8.5% | 173 | 15.3% | 164 | -5.2% | 117 | -28.7% | 107 | -8.5% | 110 | 3 | 2.8% |
| R2 | Dayton Section | 119 | -17.9% | 135 | 13.4% | 90 | -33.3% | 104 | 15.6% | 70 | -32.7% | 73 | 3 | 4.0% |
| R2 | Delaware Bay Section | 84 | 37.7% | 109 | 29.8% | 75 | -31.2% | 77 | 2.7% | 59 | -23.4% | 61 | 2 | 4.0% |
| R2 | Erie Section | 27 | 12.5% | 32 | 18.5% | 21 | -34.4% | 19 | -9.5% | 8 | -57.9% | 10 | 2 | 25.0% |
| R2 | Johnstown Section | 11 | -15.4% | 12 | 9.1% | 10 | -16.7% | 10 | 0.0% | 8 | -20.0% | 11 | 3 | 37.5% |
| R2 | Lehigh Valley Section | 99 | -9.2% | 126 | 27.3% | 123 | -2.4% | 92 | -25.2% | 95 | 3.3% | 100 | 5 | 5.3% |
| R2 | Lima Section | 15 | 87.5% | 12 | -20.0% | 12 | 0.0% | 12 | 0.0% | 9 | -25.0% | 14 | 5 | 55.6% |
| R2 | Northern Virginia Section | 336 | 1.2% | 354 | 5.4% | 308 | -13.0% | 337 | 9.4% | 293 | -13.1% | 305 | 12 | 4.0% |
| R2 | Philadelphia Section | 335 | -14.8% | 403 | 20.3% | 411 | 2.0% | 326 | -20.7% | 312 | -4.3% | 318 | 6 | 2.0% |
| R2 | Pittsburgh Section | 306 | -6.1% | 317 | 3.6% | 274 | -13.6% | 261 | -4.7% | 204 | -21.8% | 208 | 4 | 2.0% |
| R2 | Southern New Jersey Section | 22 | -29.0% | 16 | -27.3% | 22 | 37.5% | 10 | -54.5% | 12 | 20.0% | 14 | 2 | 16.7% |
| R2 | Susquehanna Section | 79 | -19.4% | 90 | 13.9% | 72 | -20.0% | 71 | -1.4% | 62 | -12.7% | 65 | 3 | 4.8% |
| R2 | Washington Section | 347 | 7.8% | 312 | -10.1% | 351 | 12.5% | 345 | -1.7% | 264 | -23.5% | 269 | 5 | 2.0% |
| R2 | West Virginia Section | 16 | -38.5% | 30 | 87.5% | 31 | 3.3% | 17 | -45.2% | 13 | -23.5% | 15 | 2 | 15.4% |
| R2 | Youngstown Section | 16 | -33.3% | 20 | 25.0% | 21 | 5.0% | 18 | -14.3% | 15 | -16.7% | 17 | 2 | 13.3% |
| R2 | Region 2 Total | 2644 | -7.2% | 2841 | 7.5% | 2630 | -7.4% | 2376 | -9.7% | 1992 | -16.2% | 2068 | 76 | 3.8% |

OUR OPPORTUNITY SPACE



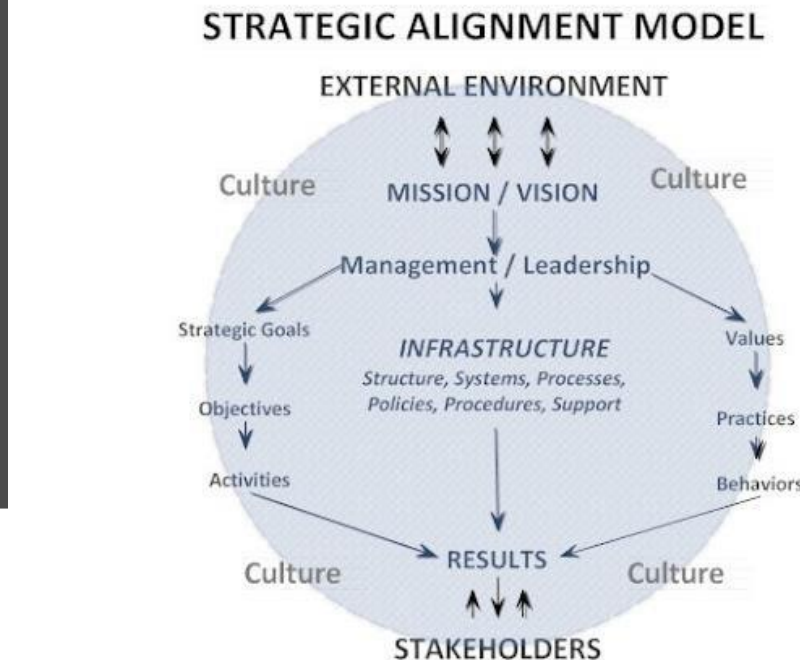
vi·tal·i·ty: energy, strength, vigor, *enduring power, capacity to develop the future*



7 States and the **District of Columbia**

4 Areas: Central, East, South, and West

20 Sections: Akron, Baltimore
Central Pennsylvania, Cincinnati,
Cleveland, Columbus, Dayton,
Delaware Bay, Erie, Johnstown, Lehigh
Valley, Lima, Northern Virginia,
Philadelphia, Pittsburgh, Southern New
Jersey, Susquehanna, Washington D.C.,
West Virginia, Youngstown



“THE ESSENCE OF STRATEGY IS CHOOSING WHAT NOT TO DO.” – Michael Porter

Strategic & Mission Alignment



Technology &
Automation



The Power of
COMMUNITY



Analytics

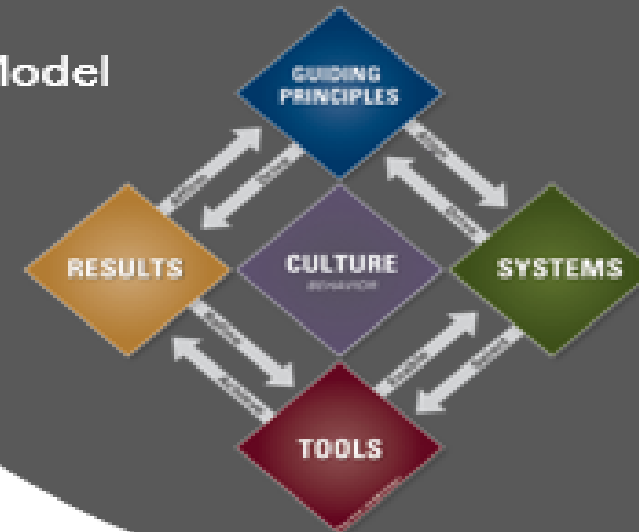


◆ **WE** are the Key to the Vitality Program

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"Innovation is the unrelenting drive to break the status quo and develop anew where few have dared to go." – Steven Jeffes

Shingo Model



E – C² – I² Approach

- Engagement
- Collaboration
- Communication
- Innovation
- Inclusion



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▶ QUESTIONS??