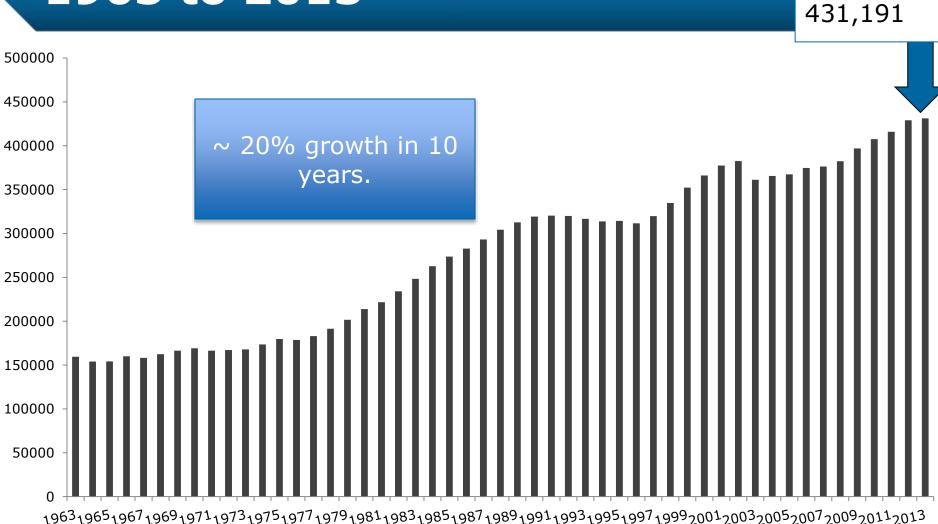






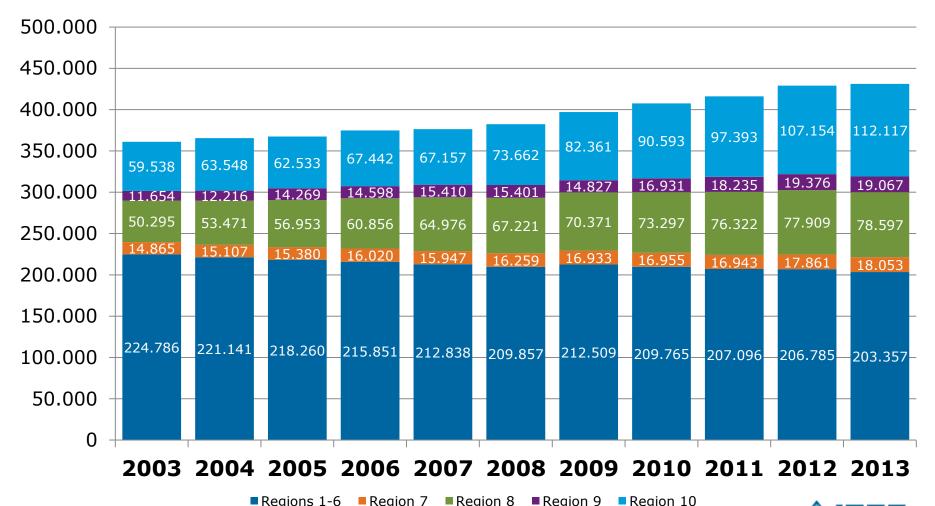


### Total IEEE Membership: 1963 to 2013

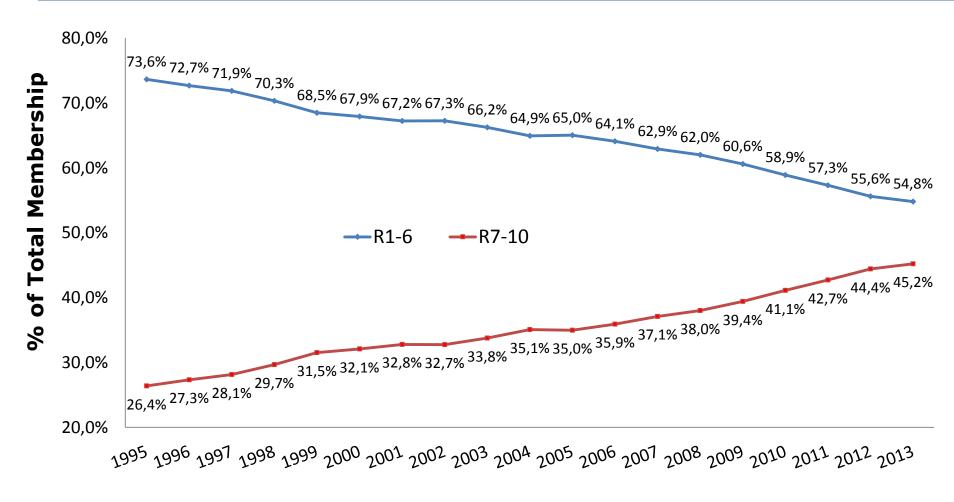




### Overall Growth of IEEE Membership: 2003-2013

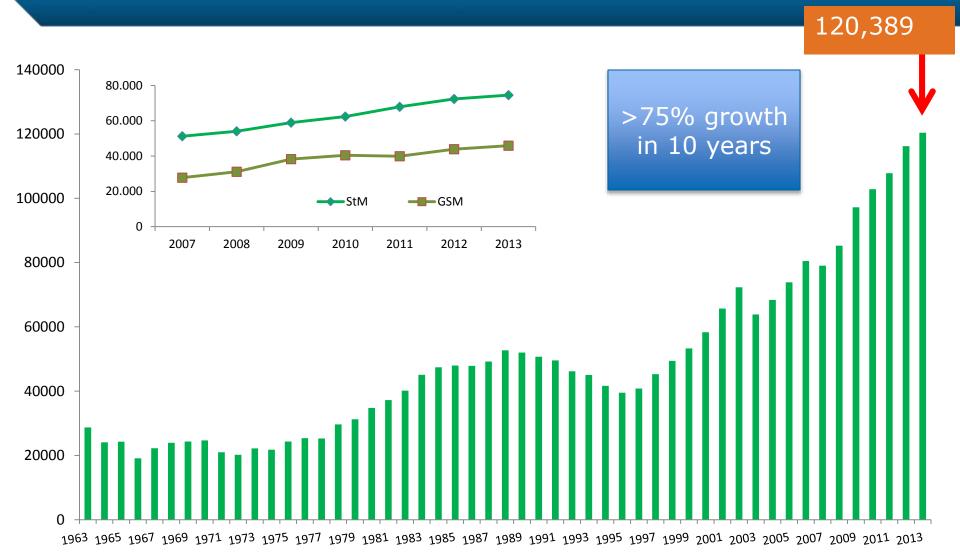


#### **Membership Trends – Higher Grade**

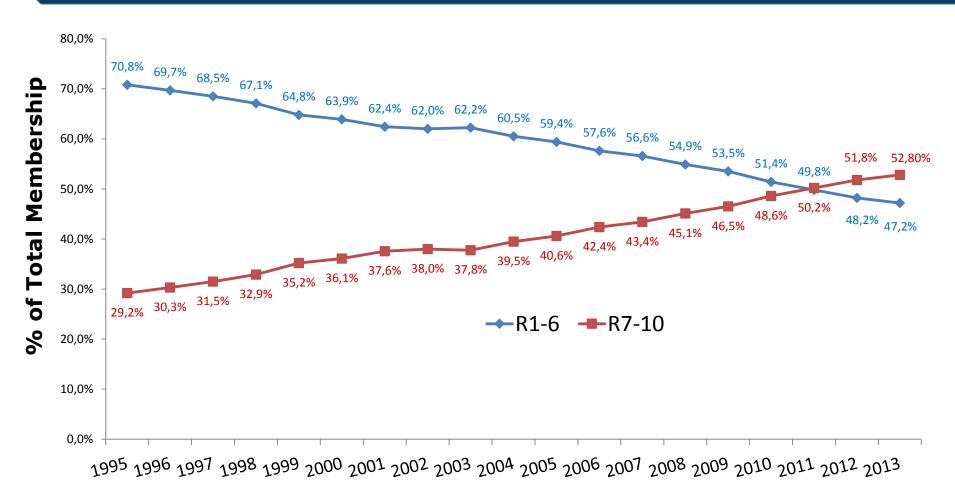




### IEEE Student Membership: 1963 to 2013

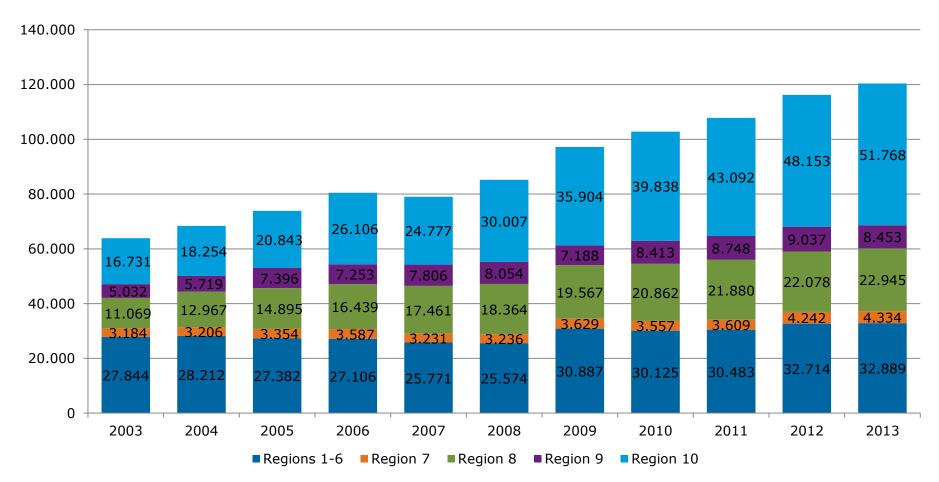


#### **Membership Trends – All Members**



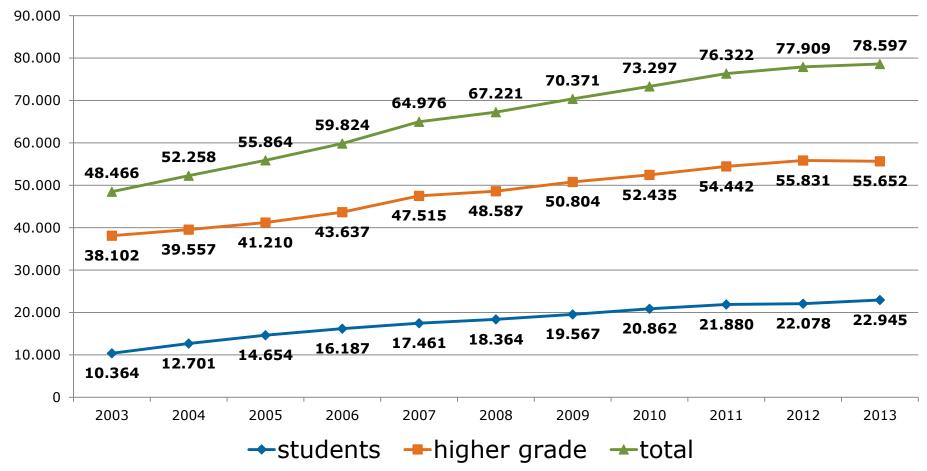


#### Global Student Growth, 2003-2013





#### Region 8: Sustained Growth





### Student Membership Trends in Top Countries (by size of membership)

	2013 Rank	Country	2003 STU	2013 STU	% Change Since 2003	
	1	India	10,340	35,231	240.7%	
	2	USA	27,844	32,886	18.1%	
	3	China	819	4,402	437.5%	
	4	Canada	3,184	4.334	36.1%	
	5	U.K. and Rep of Ireland	1,251	2,415	93.0%	
L	6	Germany	968	2,046	111.4%	
	7	Brazil	530	1,984	274.3%	
	8	Japan	895	1,977	120.9%	
	9	Mexico	1,590	1,793	12.8%	
	10	Turkey	1,120	1,762	57.3%	



# Total IEEE Membership Trends in Top Countries (by size of membership)

	2013	Country	2003	2013	% Change	
	Rank	Country	Membership	Membership	<b>Since 2003</b>	
	1	USA	224,786	203,357	-9.5%	
	2	India	21,431	49,521	131.1%	
<b>3</b> Canada		14,865	18,053	21.4%		
	4	Japan	11,853	14,384	21.4%	
	5	China	2,872	13,250	361.4%	
	6	U.K. and Rep of Ireland	8,365	10,981	31.3%	
	7	Australia	5,917	8,288	40.1%	
	8	Germany	5,589	8,150	45.8%	
	9	Brazil	1,801	4,847	169.1%	
	10	South Korea	2,304	4,814	108.9%	

Data: as of December 2013



#### **Room For Growth**

2013 Rank	Country	2003 Membership	2013 Membership	% Change since 2013
1	China	2,872	13,250	361.4%
2	Brazil	1,801	4,847	169.1%
3	India	21,431	49,521	131.1%
4	South Korea	2,304	4,814	108.9%
5	Germany	5,589	8,150	45.8%
6	Australia	5,917	8,288	40.1%
7	U.K. and Rep. of Ireland	8,365	10,981	31.3%
8	Canada	14,865	18,053	21.4%
9	Japan	11,853	14,384	21.4%
10	USA	224,786	203,357	-9.5%



#### **More Room For Growth**

2013 Rank	Country	2003 STU	2013 STU	% Change Since 2003
1	China	819	4,402	437.50%
2	Brazil	530	1,984	274.30%
3	India	10,340	35,231	240.70%
4	Japan	895	1,977	120.90%
5	Germany	968	2,046	111.40%
6	U.K. and Rep of Ireland	1,251	2,415	93.00%
7	Turkey	1,120	1,762	57.30%
8	Canada	3,184	4,334	36.10%
9	USA	27,844	32,886	18.10%
10	Mexico	1,590	1,793	12.80%



Data: as of December 2013

### Region 8 Section Growth, Changes in Total Membership

2003 2013

Section	Total Membership	Section	Total Membership
U.K. and R.I.	8,365	U.K. and R.I.	10,981
Germany	5,589	Germany	8,150
Spain	2,950	Italy	4,611
Benelux	2,750	France	4,231
France	2,586	Benelux	3,860
Switzerland	2,436	Spain	3,778
North Italy	2,362	Switzerland	3,131
Turkey	1,850	Turkey	3,025
Sweden	1,778	Sweden	2,349
Greece	1,750	Greece	2,267



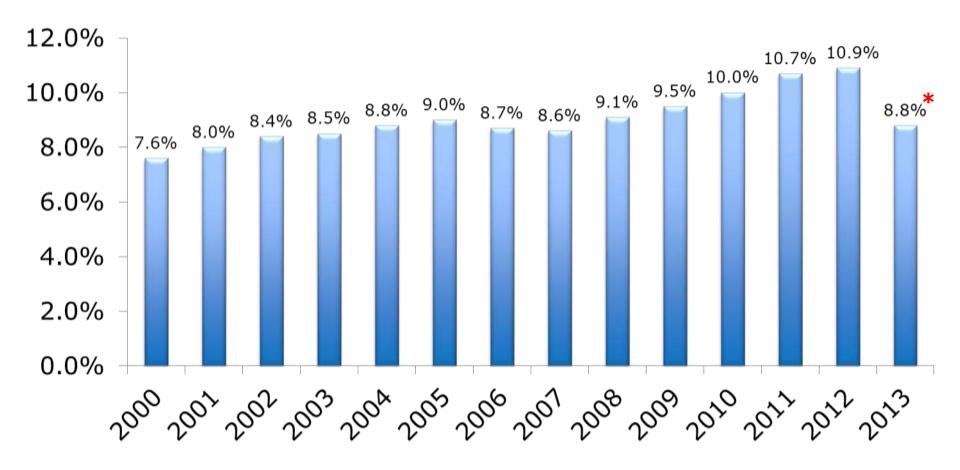
### Region 8 Section Growth, Changes in Student Membership

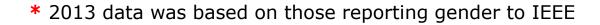
2003 2013

Section Student Membership		Section	Student Membership
U.K. and R.I.	1,251	U.K. and R.I.	2,415
Turkey	1,120	Germany	2,046
Germany	968	Turkey	1,762
Spain	714	Egypt	1,339
Greece	630	Greece	1,000
North Italy	557	Benelux	962
Egypt	448	Tunisia	898
Benelux	442	Spain	892
Nigeria	424	Italy	821
Sweden	342	U.A.E.	794



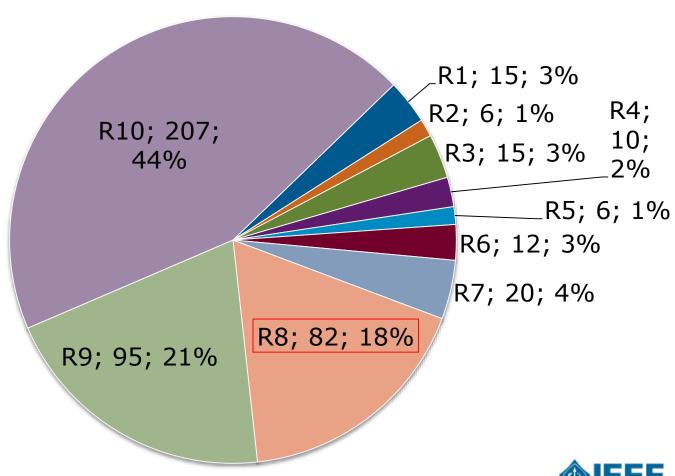
#### **Women In IEEE**



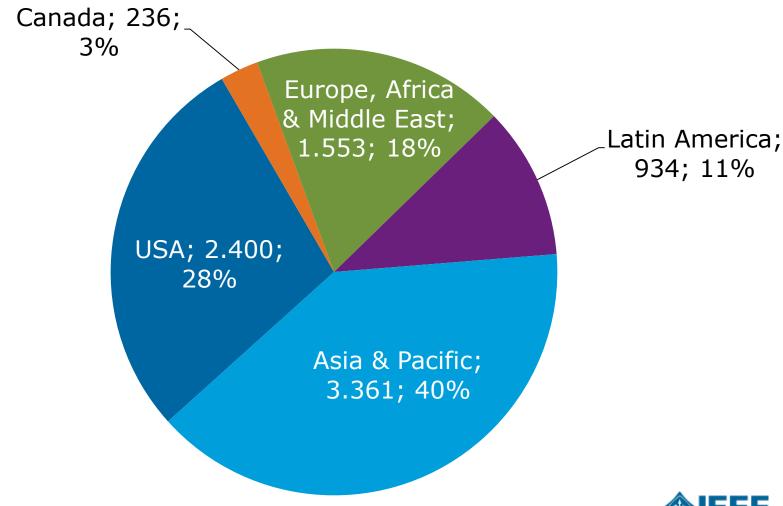




### WIE Affinity Groups: Student and Higher Grade Members Combined



#### **WIE Membership Around The World**



### **Membership by Sector**

Employment Status	Total	US	R7	R8	R9	R10
Private industry	44%	52%	42%	34%	25%	29%
Public/government	11%	10%	16%	11%	16%	12%
Educational institution	24%	13%	18%	38%	43%	45%
Non-profit institution (non-educational)	3%	3%	1%	3%	1%	2%
Self-employed/consulting	7%	8%	11%	7%	9%	4%
Retired	3%	4%	4%	2%	1%	2%
Unemployed	4%	6%	3%	1%	1%	2%
Full time student	2%	2%	4%	2%	3%	3%
Other	2%	2%	1%	2%	1%	1%

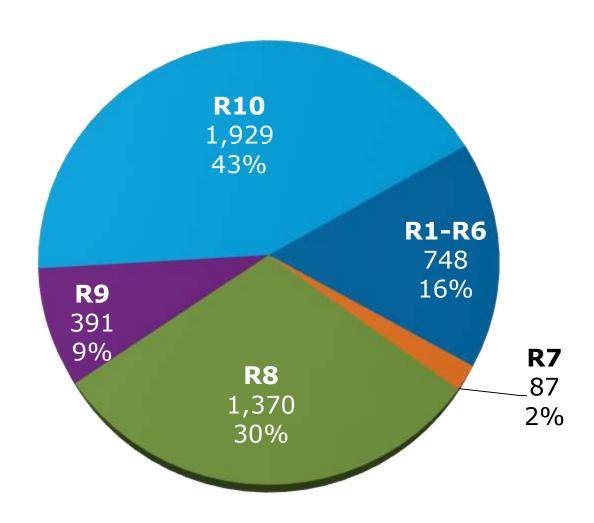
Data Source: 2012 Member Segmentation Survey







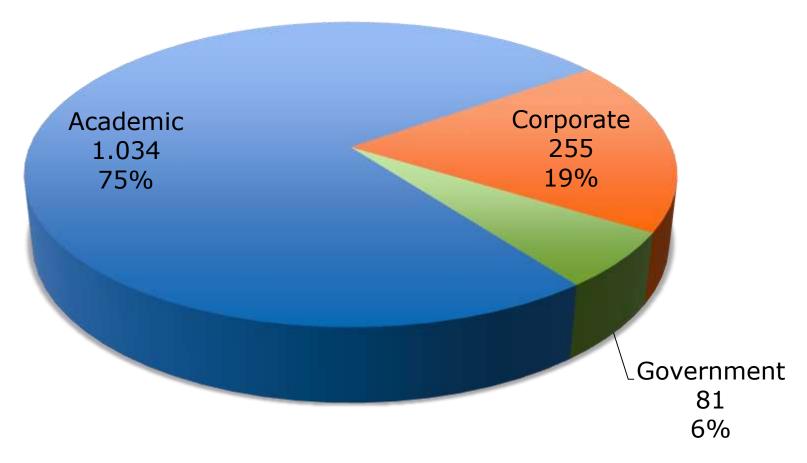
# Global Xplore Subscribers (Institutions)





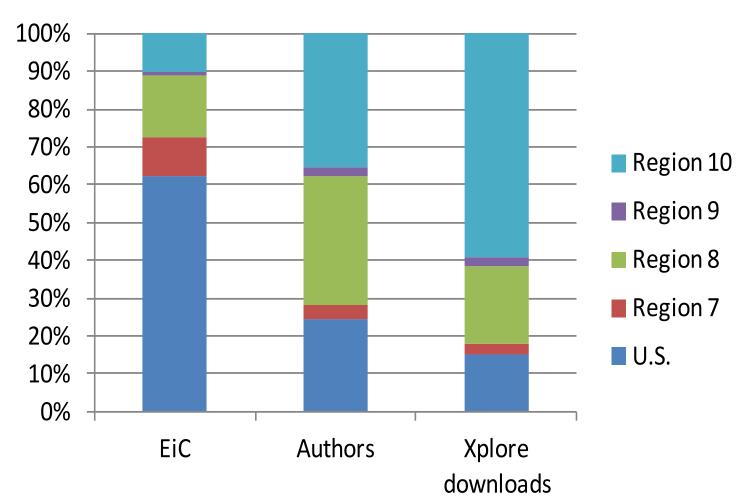
### **Region 8 Xplore Subscribers**

(By Type of Subscriber)





# Global variation on activity: IEEE



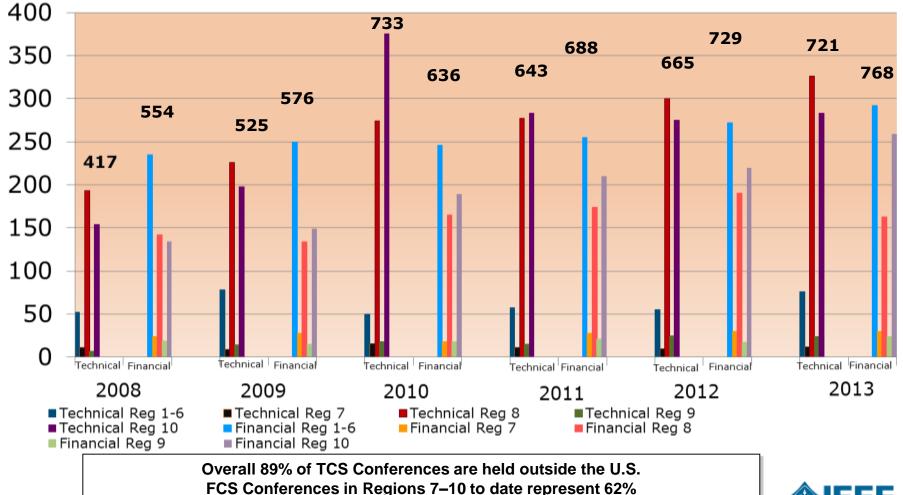






#### **Conference Locations**

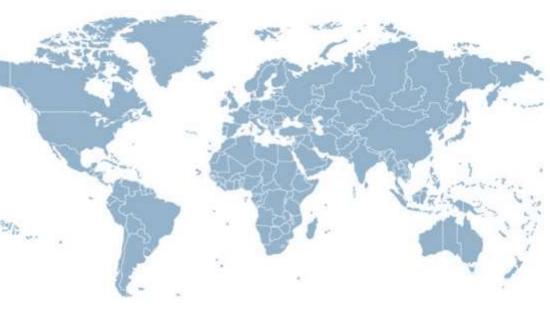
IEEE Technically Sponsored/Co-Sponsored Conferences IEEE Financially Sponsored/Co-Sponsored Conferences





Nation	Number of Conference
USA	1929
China	1050
India	360
Japan	271
Italy	257
Canada	229
Germany	222
France	213
Malaysia	190
United Kingdom	181
Korea (South)	162
Spain	155
Taiwan	144
Australia	134
Singapore	126
Turkey	86
Greece	84
Romania	79
Portugal	78
Poland	77
Brazil	75
Switzerland	72
Russia	68
Egypt	62
<u>Netherlands</u>	61

# Leading Nations in Total Conferences, 2008-2013





#### Important work under way

- Internet Governance
- PPCT (Professional Productivity & Collaboration Tools)
  - What will it offer that is not already available through available open and social media platforms.
- Smart Cities
- IEEE for entrepreneurs



#### Issues that have to be resolved

- Membership Strategy and how to add value to members. Membership growth has been slow.
  - How can we add value to industries and their professionals?
  - Are we investing enough on membership growth?
- Improve financial reporting and control on IEEE finances.
  - Is IEEE current mode of operations sustainable?
- How can we bring new revenue streams that are aligned to our core values.



#### Issues that have to be resolved (2)

- .org vs .com
- Should we continue to be a volunteer driven organization?
- How can we continue to be a respected and relevant organization in the future?
  - Can IEEE continue to offer the quality and trust in its products and services that is presently known for?







#### Membership Segmentation by Grade

1	2	3	4	5	6	7
Honorary 30 (0.0%)	Fellow 6,973 (1.6%)	Senior Member 36,394 (8.4%)	Member 257,254 (59.8%)	Associate Member 10,151 (2.4%)	Graduate Student Member 45,854 (10.6%)	Student Member 74,535 (17.3%)

#### **Total IEEE Members = 431,191 (100%)**

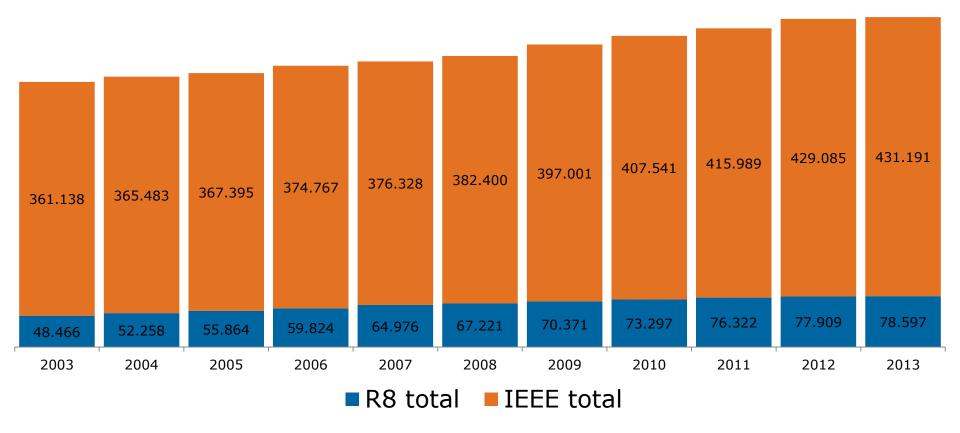
**Higher Grade Members, not including GSM = 310,802 (72.1%)** 

**Voting Members = 346,505 (80.4%)** 

Notes: 1) Higher Grade Members = columns 1-5 above; 2) Voting Members = columns 1-4 and 6 above; 3) Society *Affiliates* are not members of IEEE, but are members of an IEEE Society. (Total Society Affiliates in 2013 was 15,199).

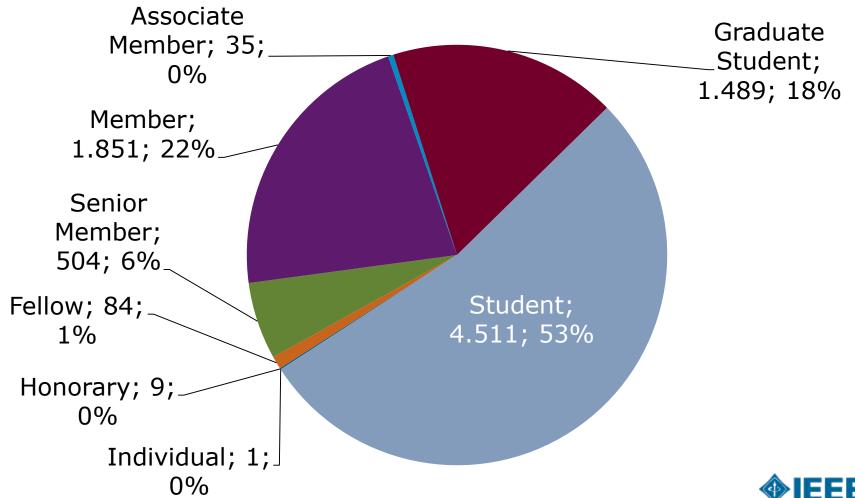


# IEEE and Region 8: Growing Together





#### **WIE Members by Membership Grade**



#### **Membership by Sector**

Data Source: 2012 Member Segmentation Survey 2% 1% 2% 1% 2% 100% 1% 3% 2% 2% 4% 2% 1% 1% 4% 2% 3% 1% 6% 3% 90% 4% 4% 7% 9% 4% 2% 7% 3% 1% 11% 8% 3% 80% 3% 1% 70% 13% 18% 24% 38% 45% 43% 60% 10% 50% 16% 11% 40% 11% 12% 16% 30% 52% 44% 42% 20% 34% 29% 25% 10% 0% R1-6 R7 R8 R9 R10 Total ■ Private Industry ■ Public/Government ■ Educational Institution ■ Self-Employed/Consulting ■ Non-profit Institution (non-educational) ■ Retired 34 Unemployed ■ Full Time Student ■ Other for Humanity