

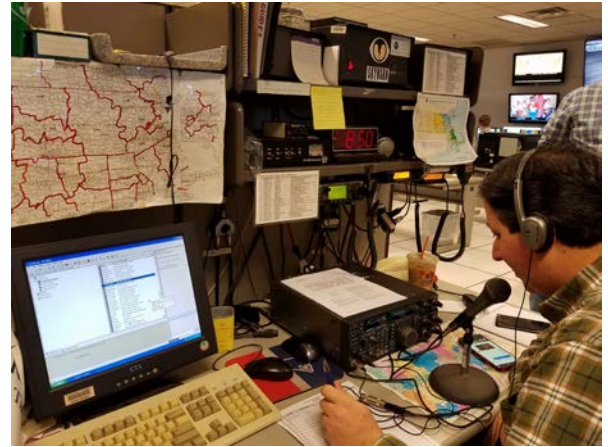


# The Amateur Radio Emergency Service 2016 Annual Report



Based on reports submitted by ARRL Section Emergency Coordinators, with 54 out of 71 sections reporting in, here's what we know about the state of ARES in 2016.

The first thing we can tell about 2016 is that reporting has improved greatly, reporting from the sections is now at 76%! That is the highest reporting percentage since we have been tracking these numbers. Great job to all and keep up the good work! Unfortunately there are still 17 sections with no reported ARES activity. Considering the importance given to the role radio amateurs play during emergencies, disasters and routine community events it is hard to imagine that there is no public service communications activity in these sections, however if no reports are received that is what we have to go by.



## ARES Summary for 2016

Total ARES Membership – 27,754  
Active in – 42 states and territories  
Total ARES Events – 33,136  
Total Volunteer Hours – 418,275  
Total Volunteer Value Provided

There are a few interesting items we noticed with the numbers in 2016.

- Despite hurricane Matthew in October there was no noticeable increase in emergency activations that month. This is due to the fact that of the five sections impacted by the storm only one submitted a report that month. Even with the increase in the overall numbers the percentage of activations by type (drills/training/test, public service, and emergency) have remained constant.

- NTS liaison with ARES nets has remained fairly constant with about 18% of ARES nets indicating a liaison.
- In 2016 ARRL staff made a concerted effort to provide training and reminders to SECs to submit reports. This seems to have had a positive effect. There is still room for improvement though.

Now into 2017, you will see changes in some of our report forms. All forms, starting January 2017, have been updated and renumbered. These updated forms make it easier for ARRL HQ staff to compile monthly and year end data. Additionally, you will soon be seeing monthly ARES status updates. Look for these to appear in the monthly ARES E-Letter. Also this year we are compiling year end data by state and FEMA region. This is done to make it easier to share information with our partners at all levels on the status of ARES and the value Amateur Radio provides to our communities, states, and the country.

In 2017 you will hear more from ARRL HQ staff about reporting. We are developing new training material for the updated report forms. If a report is submitted with incomplete or erroneous data you can expect to hear from HQ with assistance. We will also regularly follow up with all sections that have not reported in the previous calendar year, or that go three months without submitting a report. If you have any questions about the report forms, or how we compile the data for the year-end report, please feel free to call ARRL HQ to speak with a field services staff member.

And finally a challenge! To ARRL Section Emergency Coordinators: the challenge is 85 in '17! In 2017 our challenge is to raise the percentage of sections reporting in the year from 76% to 85%, that means we need to hear from sixty or more sections in 2017. I know we can reach this goal and you will all have the support from your ARRL HQ Field Services staff to reach this goal.

## Comparing 2015 to 2016

	2015	2016
Total ARES Members	17,756	27,754
Total ARES Nets	11,346	19,989
ARES Nets with NTS Liaison	2106 (18%)	3460 (18%)
Total Drills, Training and Test Events	21,226 (84%)	27541 (83%)
Total Public Service Events	2,947 (12%)	3711 (11%)
Total Emergency Operations Events	902 (3.5%)	1248(4%)
Other Events	N/A	636 (2%)
Total ARES Events	25,075	33,136
Total Volunteer Hours	242,436	418,275
Volunteer Value (\$19 x Total Volunteer Hours)	\$4,606,284	\$7,947,225
Sections Reporting	33	54
Inactive Sections (sections that submitted no reports in a calendar year)	38	17 (AK, IL, NM, OR, ORG, PR, SB, SC, SD, SDG, SF, UT, VA, VT, WMA, WPA, WY)

## ARES 2016 – By State

State	ARES Members	ARES Events	Total ARES Person Hours	Total ARES Volunteer Value
Alabama	8	5	25	\$475
Arizona	602	34	1397	\$26,543
Arkansas	150	56	1034	\$19,646
California	2227	753	17,562	\$333,678
Colorado	364	79	4003	\$76,057
Connecticut	858	7	162	\$3078
Delaware	141	7	202	\$3838
Florida	1700	1021	14,119	\$268,261
Georgia	1518	7037	53,555	\$1,017,545
Hawaii	387	327	4759	\$90,421
Idaho	498	218	9788	\$185,972
Indiana	926	1437	16,736	\$317,984
Iowa	578	677	7527	\$143,013
Kansas	141	0	0	0
Kentucky	394	1522	8234	\$156,446
Louisiana	323	468	6576	\$124,944

## ARES 2016 – By State

State	ARES Members	ARES Events	Total ARES Person Hours	Total ARES Volunteer Value
Maine	135	197	1747	\$33,193
Maryland	572	193	4245	\$80,655
Massachusetts	667	0	0	0
Michigan	1765	2544	61,596	\$1,170,324
Minnesota	602	1334	9154	\$173,926
Mississippi	438	621	3086	\$58,634
Missouri	1358	3790	34,895	\$663,005
Montana	70	0	0	0
Nebraska	100	46	1357	25,783
Nevada	301	343	3876	\$73,644
New Hampshire	396	0	0	0
New Jersey	371	355	2618	\$49,742
New York	1177	337	6083	\$115,577
North Carolina	842	1097	16,309	\$309,871
North Dakota	204	111	1695	\$32,205
Ohio	1797	3204	39,551	\$751,469

## ARES 2016 – By State

State	ARES Members	ARES Events	Total ARES Person Hours	Total ARES Volunteer Value
Oklahoma	737	14	666	\$12,654
Pennsylvania	777	1435	16,935	\$321,765
Tennessee	843	872	12,075	\$229,425
Texas	1802	971	12,395	\$235,505
Washington	1071	1087	34,878	\$662,682
West Virginia	398	519	5266	\$100,054
Wisconsin	491	414	4157	\$78,983
US Virgin Islands	25	4	12	\$228

*States with Inactive/No ARES Programs - Alaska, Illinois, New Mexico, Oregon, Rhode Island, South Carolina, South Dakota, Utah, Vermont, Virginia, Wyoming, Puerto Rico*

## ARES 2016 – By FEMA Region

FEMA Region	Total ARES Members	Total ARES Events	Total ARES Person Hours	Total ARES Volunteer Value
Region 1 – ME, NH, VT, MA, CT, RI	2056	204	1909	\$36,271
Region 2 – NY, NJ, VI, PR	1573	696	8713	\$165,547
Region 3 – PA, DE, MD, DC, VA, WV	1888	2154	26,648	\$506,312
Region 4 – KY, TN, MS, AL, GA, SC, NC, FL	5743	12,175	107,403	\$2,040,657
Region 5 – MN, WI, OH, IN, IL, MI	5581	8933	131,194	\$2,492,686
Region 6 – NM, TX, OK, AR, LA	3012	1509	20,671	\$392,749
Region 7 – NE, KS, IA, MO	2177	4513	43,779	\$831,801
Region 8 – ND, SD, MT, WY, CO, UT	638	190	5698	\$108,262
Region 9 – CA, NV, AZ, PAC	3517	1457	27,594	\$524,286
Region 10 – WA, AK, OR, ID	1569	1305	44,666	\$848,654
<b>Totals</b>	<b>27,754</b>	<b>33,136</b>	<b>418,275</b>	<b>\$7,947,225</b>