

## *NG 9-1-1: Key Facts*

- Transitioning from '60's telephony technologies to secure IP-based network
- Call routing will transition from tabular-based to GIS-based
- NENA NG 9-1-1 GIS standard due in Q2 2017
- Quality control is key
  - Local gov't: reconciliation with MSAG
  - Statewide: aggregation / edge-matching
- Tempo of update cycle



# *NG 9-1-1: Key Facts*

- Required
  - Centerline w/address ranges
  - PSAP and emergency service boundaries
- Highly Recommended
  - Structure / address points
  - Landmark / ancillary navigation
  - Boundaries (state, county, municipal, unincorporated, neighborhood)
- Recommended
  - Railroads
  - Hydrography
  - Cell Site Locations
  - Mile Marker Locations



# NG 911 GIS Working Group

Answer Options	This dataset is maintained exclusively for PSAP / emergency response.	This dataset is maintained for use by multiple agencies within the local government.	This dataset is not used for PSAP / emergency response.
Street centerline data with address ranges	3 (4%)	68 (96%)	0 (0%)
Address points (includes structures, sub-addresses, and/or ancillary or navigation points)	2 (3%)	62 (87%)	7 (10%)
PSAP response boundary polygons	29 (41%)	36 (51%)	6 (8%)
Dispatch response boundaries for first responders	35 (49%)	31 (44%)	5 (7%)
Governmental unit boundaries (state, county, municipal)	1 (1%)	69 (97%)	1 (1%)
Cell tower locations	6 (8%)	53 (75%)	12 (17%)
Building footprints	1 (1%)	47 (66%)	23 (32%)
Parcel boundaries	0 (0%)	68 (96%)	3 (4%)
Landmarks	5 (7%)	47 (66%)	19(27%)
Ancillary / Navigation points	8 (11%)	35 (49%)	28 (39%)



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## Question 7: Which GIS data quality issues concern you the most?

Answer Options	Response Percent	Response Count
Inaccuracies within the GIS data	42.6%	26
Lack of regular data maintenance	31.1%	19
Lack of data standardization	36.1%	22
Lack of strong workflows / quality control	24.6%	15
GIS datasets not synchronized with MSAG and ALI	36.1%	22
Lack of GIS staff resources	42.6%	26
Lack of GIS data sharing with neighboring PSAPs / jurisdictions	31.1%	19
Other (please specify)	16.4%	10

