



Virginia Information Technologies Agency

9-1-1 Services Board Funding Committee

Meeting #2

May 11, 2017



Agenda

- Approval of Minutes
- Review of Requested Resources
- Recalculation of Wireless Funding Distribution Percentages
- Implementation Approaches
- Old Business
- New Business
- Public Comment
- Adjourn



Requested Resources

- Funding methodology tutorial
- Compare FY 16 funding in actual dollars for each PSAP to projected funding amounts
- Revise projections to address PSAP consolidations that occurred between FY 12 and FY 16
- Definitions of all data elements included in the funding methodology
- Provide subscriber totals for each PSAP and compare to call load data
- Compare personnel cost data for each PSAP to population, square miles, and call volume



Legislative History

- No 9-1-1 legislation before 1998
- 1998 – Established Board and study
- 2000 – Crime Commission Report
 - Created PSC
 - Moved Board
 - Required E9-1-1 and wireless 9-1-1
 - Established cost recovery for wireless E9-1-1
- 2006 – Funding formula established
- 2012 – Funding formula changed



Current Legislation

- 60 percent of the Fund distributed monthly
- Based on each PSAP's average pro rata distribution for fiscal years 2007-2012
- On or before July 1, 2017 (2018), and every five years thereafter, the Department of Taxation shall recalculate the distribution percentage
- Based on the cost and call load data of the PSAP for the previous five fiscal years



Funding History

- November 2010 - Board passed a motion that for FY2011, no PSAP will receive less than \$3,333.33 per month guaranteeing at least \$40,000.00 annually
- July 2011 - Board requests a partial audit of the FY09 & FY10 True-Up numbers due to found error
- August 2011 - Board discusses the audit, and funding formula recalculation, but no actions taken



Funding History

(continued)

- September 2011 - Finance Committee recommends the “Calls * Costs” simplified formula with a 3-year average
- September 2011 - Board approves the “Calls * Costs” funding method
- November 2011 - True-Up Audit error rate of ~80% was discussed
- January 2012 - Board asks for a full audit of FY09 and FY10 True Up submissions



Funding History

(continued)

- March 2012 - House Bill 455 discussed
- July 2012 - HB455 has become law and Board approves funding adjustments be made for overpayments and underpayments as a result of the audit
- March 2013 - Taxation makes their first monthly distribution payment to PSAPs



Funding Methodology

- Assumes both call load and costs should impact funding level
- Current Funding Methodology determined by formula

- $\frac{\text{Wireless 9-1-1 Calls}}{\text{Total 9-1-1 Calls}} \times 100 = \text{Wireless Percentage}$
- $\text{Personnel Cost} \times \text{Wireless Percentage} = \text{Funding Share}$
- *If Funding Share < \$40,000, then increase to \$40,000*
- *Sum Total Funding Share for ALL PSAPs*
- $\frac{\text{PSAP Funding Share}}{\text{Total Funding Share}} \times 100 = \text{PSAP Funding Percentage}$



Funding Example #1

Funding for PSAP before \$40,000 adjustment

Funding for PSAP after \$40,000 adjustment

	9-1-1 Calls	Wireless Calls	Wireless Percent	Personnel Costs	Funding Share	Funding Percent
PSAP A	10,000	5,000	50.0%	\$30,000	\$15,000	0.236%
PSAP B	150,000	110,000	73.3%	\$2,000,000	\$1,466,667	23.093%
PSAP C	22,000	18,500	84.1%	\$600,000	\$504,545	7.944%
PSAP D	270,000	225,000	83.3%	\$5,000,000	\$4,166,667	65.604%
PSAP E	2,500	1,000	40.0%	\$53,000	\$21,200	0.334%
PSAP F	9,000	7,500	83.3%	\$200,000	\$166,667	2.624%
PSAP G	6,000	3,500	58.3%	\$18,000	\$10,500	0.165%
	469,500	370,500	78.9%	\$7,901,000	\$6,351,245	100.000%

	9-1-1 Calls	Wireless Calls	Wireless Percent	Personnel Costs	Funding Share	Funding Percent
PSAP A	10,000	5,000	50.0%	\$30,000	\$40,000	0.623%
PSAP B	150,000	110,000	73.3%	\$2,000,000	\$1,466,667	22.829%
PSAP C	22,000	18,500	84.1%	\$600,000	\$504,545	7.853%
PSAP D	270,000	225,000	83.3%	\$5,000,000	\$4,166,667	64.855%
PSAP E	2,500	1,000	40.0%	\$53,000	\$40,000	0.623%
PSAP F	9,000	7,500	83.3%	\$200,000	\$166,667	2.594%
PSAP G	6,000	3,500	58.3%	\$18,000	\$40,000	0.623%
	469,500	370,500	78.9%	\$7,901,000	\$6,424,545	100.000%



Funding Example #2

Funding for PSAP in the first year

Funding for PSAP in the second year

	9-1-1 Calls	Wireless Calls	Wireless Percent	Personnel Costs	Funding Share	Funding Percent
PSAP A	10,000	5,000	50.0%	\$30,000	\$40,000	0.623%
PSAP B	150,000	110,000	73.3%	\$2,000,000	\$1,466,667	22.829%
PSAP C	22,000	18,500	84.1%	\$600,000	\$504,545	7.853%
PSAP D	270,000	225,000	83.3%	\$5,000,000	\$4,166,667	64.855%
PSAP E	2,500	1,000	40.0%	\$53,000	\$40,000	0.623%
PSAP F	9,000	7,500	83.3%	\$200,000	\$166,667	2.594%
PSAP G	6,000	3,500	58.3%	\$18,000	\$40,000	0.623%
	469,500	370,500	78.9%	\$7,901,000	\$6,424,545	100.000%

	9-1-1 Calls	Wireless Calls	Wireless Percent	Personnel Costs	Funding Share	Funding Percent
PSAP A	10,000	5,000	50.0%	\$60,000	\$40,000	0.583%
PSAP B	150,000	110,000	73.3%	\$2,000,000	\$1,466,667	21.371%
PSAP C	22,000	18,500	84.1%	\$606,000	\$509,591	7.425%
PSAP D	270,000	225,000	83.3%	\$5,500,000	\$4,583,333	66.784%
PSAP E	2,500	1,000	40.0%	\$100,000	\$40,000	0.583%
PSAP F	9,000	7,500	83.3%	\$220,000	\$183,333	2.671%
PSAP G	6,000	3,500	58.3%	\$50,000	\$40,000	0.583%
	469,500	370,500	78.9%	\$8,536,000	\$6,862,924	100.000%



Definition of Elements

- Total 9-1-1 Calls – Number of INCOMING 9-1-1 calls to the PSAP, from any source
- Total Wireless 9-1-1 Calls – Number of INCOMING wireless 9-1-1 calls to the PSAP
- Total Personnel Costs – Total LOCAL cost of salaries of ALL call takers, dispatchers, telecommunicators and ONE director or manager AND any overtime cost expended in the PSAP for those positions



Definition of Elements

- Caveats on Personnel Costs
 - No Compensation Board funding
 - ALL personnel assigned to the PSAP who was trained, or was being training, to take 9-1-1 calls and actively took calls during the year
 - Simply stated, it is anyone who was trained to perform and did perform as a call taker regardless of their title
 - The director or manager's salary may be included regardless of their training level
 - No other personnel costs may be included



Requested Resources

- Funding methodology tutorial
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- Provide subscriber totals for each PSAP and compare to call load data
- Compare personnel cost data for each PSAP to population, square miles, and call volume



Additional Agenda Items

- Recalculation of Wireless Funding Distribution Percentages
 - Fairfax County Approach
 - Chesapeake Approach
- Implementation Approaches
- Old Business
- New Business
- Public Comment
- Adjourn