

**Virginia Department of Health
Office of Emergency Medical Services (OEMS)
Trauma Performance Improvement Committee (TPIC)
Annual Report
2016**

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This report is based on the deliberations of the Trauma Performance Improvement Committee and analyses performed by OEMS staff.

Executive Summary

- 20% of the trauma cases (100,052) had patients with incomplete vital signs reported for 2016; improved from the numbers were reported in 2015 (33%). Incomplete vital signs include vitals that are missing any combination of systolic blood pressure, respiratory rate, or Glasgow Coma Scale (GCS); the vital sign measures needed for trauma triage step 1 criteria. 79% of the patients had all 3 vital signs reported.
- 98% percent of trauma patients had systolic blood pressure, 95% had respiratory rate, and 84% had Glasgow Coma Scale (GCS) documented. The documentation of GCS increased 14% from 2015 showing that recording vitals have improved.
- EMS agencies in Virginia responded to 100,052 trauma incidents for 2016; compared to 91,752 in 2015. The Old Dominion EMS Council Region was the region with the highest number of trauma calls (20,881).
- 7,197 or 7% of all trauma incidents (100,052) involved patients who met one or more of the Virginia Field Trauma Triage Step 1 Criteria; the percentage was the same in 2015.
- 44% of all trauma patients who met Virginia Field Trauma Triage Step 1 Criteria (7,197) were taken to non trauma centers (Sub-optimal trauma triage), while 54% were taken to trauma centers. In 2015, 45% of trauma patients were taken to non trauma centers.
- The EMS Council Regions that reported the highest percentage of Step 1 Trauma Triage patients being transported to non trauma centers were Central Shenandoah (91%), Southwest Virginia (66%), Northern (57%) and Peninsulas (48%).

Introduction

Core Objective 3 for the Trauma System Oversight & Management Committee (TSO&MC) states that the Committee will advise the Virginia Department of Health, Office of Emergency Medical Services on matters relating to maintaining a performance improvement process that supports the trauma center designation process, trauma triage plan, and improves trauma care throughout Virginia (§ 32.1-111.3:B.3). The Trauma Performance Improvement Committee (TPIC) of the TSO&MC has been tasked with developing a performance improvement program for monitoring the quality of care, consistent with other components of the Emergency Medical Services Plan.

This annual report analysis will focus on four key areas:

- (1) data quality with vital sign measures with trauma patients reported by emergency medical services (EMS) agencies
- (2) the number of trauma patients treated and transported by emergency medical services (EMS) agencies
- (3) the number of trauma patients who met Virginia Field Trauma Triage Step 1 Criteria
- (4) the number of Step 1 Sub-Optimal Trauma Triage patients by the type of destination hospital

The results reported here represent a high level summary of the findings. Specific instances of sub-optimal trauma triage will be provided to the appropriate EMS director or hospital, respectively. The provider will be given an opportunity to provide feedback which may explain special circumstances in which an exception occurred. The findings of this report and any feedback from providers will be used to drive education and improve the Trauma Triage Plan.

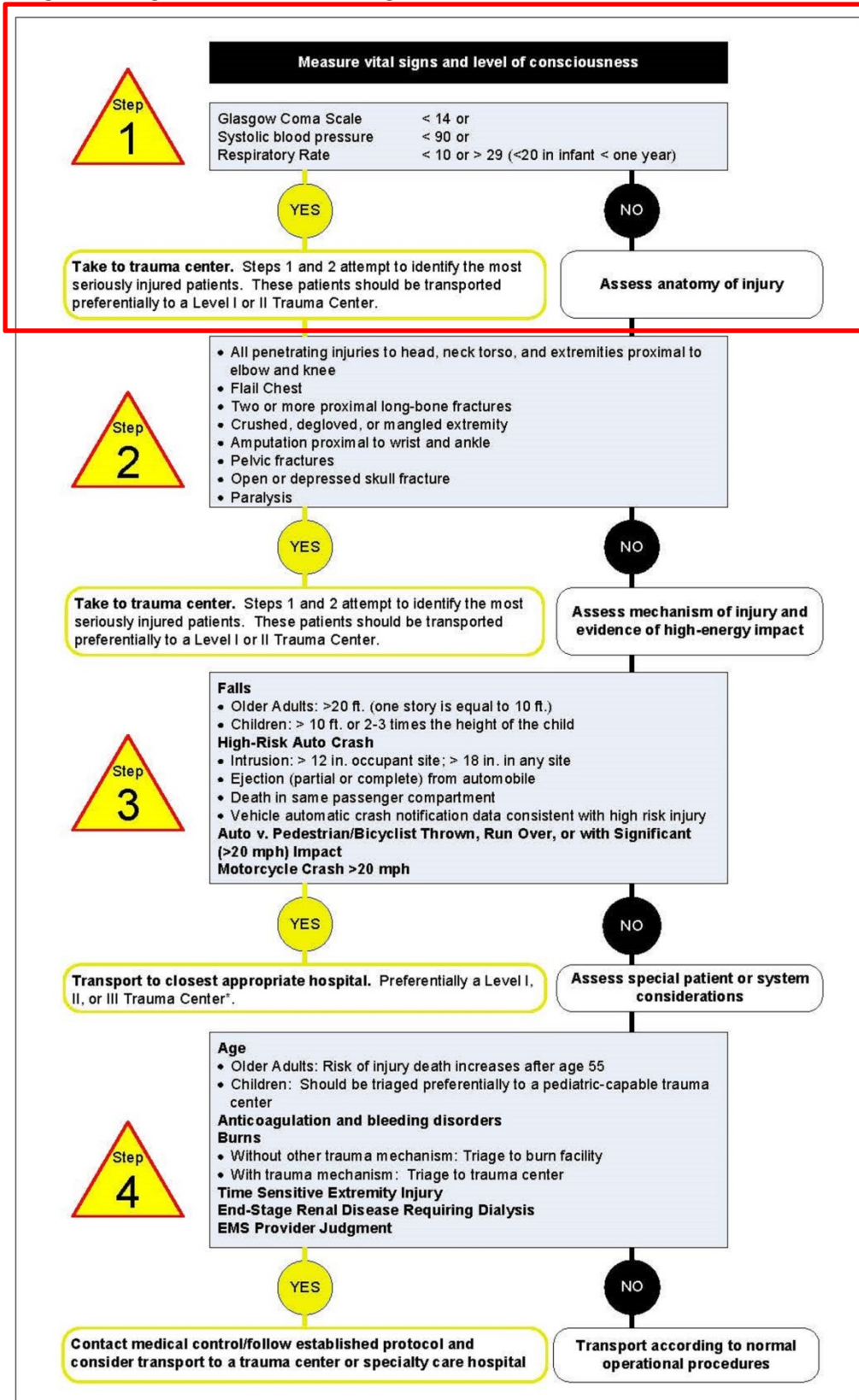
Trauma Triage by Emergency Medical Services (EMS) Agencies

For the purpose of this report, optimal trauma triage is defined as pre hospital cases that are deemed to be traumas (See Table 1.) and where one or more of the Virginia Step 1 Field Trauma Triage Criteria (See Figure 1.) were met, and the patient was transported to a Level I, or Level II trauma center. Since several EMS council regions do not have a Level I, or Level II trauma center within their boundaries, trauma patients that met one or more of the aforementioned criteria and who were transported to Level III trauma centers (under certain conditions described below) were also counted as being optimally triaged. Sub-optimal trauma triage is defined as pre hospital cases that are deemed to be traumas and where one or more of the Virginia Step 1 Field Trauma Triage Criteria were met, but the patient was not transported to a Level I, Level II, or Level III trauma center.

Table 1. Definition of Trauma Patients with VPHIB Pre-Hospital Data

Primary Provider Impression	
Burn - First degree	Injury - Lower Back
Burn - Second degree	Injury - Lower leg
Burn - Third degree	Injury - Lung Hemothorax - Traumatic
Burn - Unspecified Degree	Injury - Lung Pneumothorax - Traumatic
Environment - Electrocutation	Injury - Neck
Environment - Lightning Strike	Injury - Nose
Injury - Abdomen	Injury - Pelvis
Injury - Ankle	Injury - Shoulder or Upper Arm
Injury - Ear	Injury - Thigh (upper leg)
Injury - Elbow	Injury - Thorax (upper chest)
Injury - Eye and/or Orbit	Injury - Wrist, Hand, or Fingers
Injury - Face	Injury - Not Otherwise Listed
Injury - Foot	Respiratory - Smoke Inhalation
Injury - Forearm	Traumatic Injury
Injury - Genitalia	Injury - Intracranial Injury Not Otherwise Specified.
Injury - Head with L.O.C.	Injury - Epidural Hemorrhage from Trauma
Injury - Head without L.O.C.	Injury - Subarachnoid Hemorrhage from Trauma
Injury - Hip	Injury - Subdural Hemorrhage from Trauma

Figure 1. Virginia Field Trauma Triage Decision Scheme

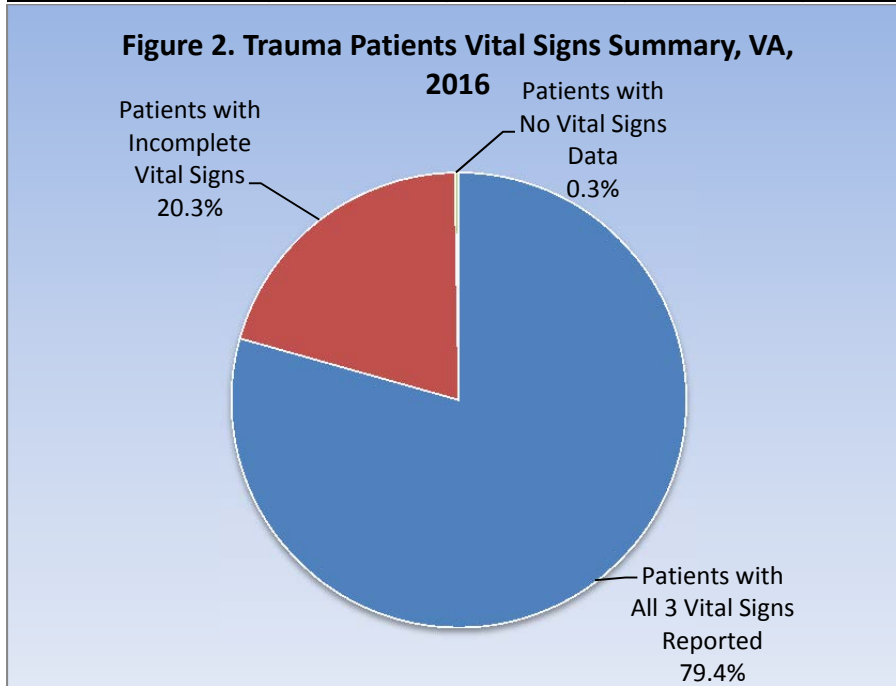


Data Quality

Data quality is an essential part of having optimal trauma triage. Unfortunately, 20.3 percent (20,358/100,052) of the trauma cases had patients with incomplete vital signs reported for 2016. (See Table 2. and Figure 2.) Incomplete vital signs include vitals that are missing systolic blood pressure, respiratory rate, or Glasgow Coma Scale (GCS); the vital sign measures needed for trauma triage step 1 criteria. Seventy-nine (79.4) percent of the patients had all 3 vital signs reported.

Table 2. Trauma Patients Vital Signs Summary By EMS Council Region, VA, 2016

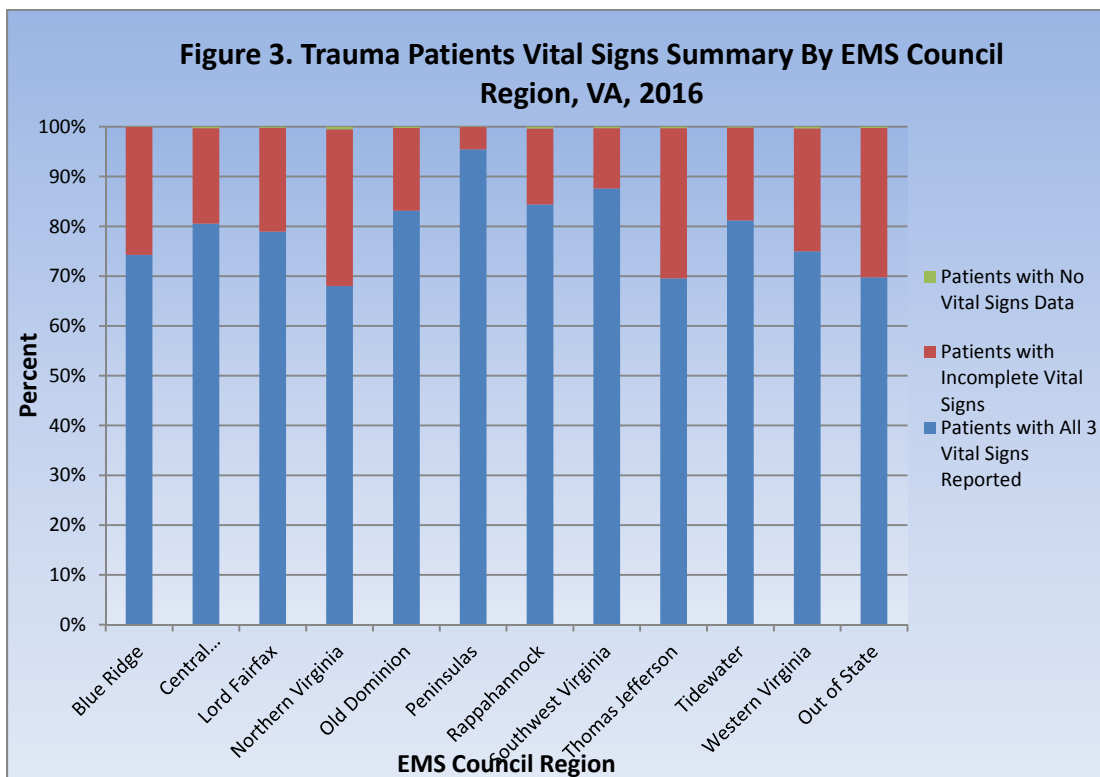
EMS Council Region	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Blue Ridge	2,023	699	2	2,724	74.3%
Central Shenandoah	4,058	967	15	5,040	80.5%
Lord Fairfax	2,064	546	5	2,615	78.9%
Northern Virginia	13,069	6,051	97	19,217	68.0%
Old Dominion	17,356	3,471	54	20,881	83.1%
Peninsulas	8,721	412	5	9,138	95.4%
Rappahannock	4,915	889	21	5,825	84.4%
Southwest Virginia	4,851	670	16	5,537	87.6%
Thomas Jefferson	3,217	1,396	13	4,626	69.5%
Tidewater	11,137	2,563	21	13,721	81.2%
Western Virginia	7,428	2,448	33	9,909	75.0%
Out of State	571	246	2	819	69.7%
Grand Total	79,410	20,358	284	100,052	79.4%



Ninety-eight (97.5%) percent of trauma patients had systolic blood pressure recorded at least once, 94.8 percent had respiratory rate documented, and 83.7 percent had Glasgow Coma Scale (GCS) recorded. (See Table 3.) Glasgow Coma Scale was the vital sign missing the most (16.3%) with trauma patients. This missing data means that it is not possible to report on the appropriateness of the triaging of these trauma patients. The EMS council region with the most complete overall reporting of the necessary vital signs data was Peninsulas (98.1 percent), while the Northern region had the least complete reporting of this important information (87.7 percent). The lack of complete documentation will be incorporated into individual EMS agency data quality reports.

Table 3. Trauma Patients Vital Signs Summary By EMS Council Region, VA, 2016

EMS Council Region	Number of Trauma Incidents	Patients with Systolic Blood Pressure	Percent with Systolic Blood Pressure	Patients with Respiratory Rate	Percent with Respiratory Rate	Patients with Glasgow Coma Scale	Percent with Glasgow Coma Scale	Overall Percent
Blue Ridge	2,724	2,546	93.5%	2,676	98.2%	2,105	77.3%	89.7%
Central Shenandoah	5,040	4,899	97.2%	4,741	94.1%	4,281	84.9%	92.1%
Lord Fairfax	2,615	2,531	96.8%	2,583	98.8%	2,138	81.8%	92.4%
Northern	19,217	18,685	97.2%	17,543	91.3%	14,358	74.7%	87.7%
Old Dominion	20,881	20,387	97.6%	19,793	94.8%	18,010	86.3%	92.9%
Peninsulas	9,138	9,020	98.7%	9,055	99.1%	8,826	96.6%	98.1%
Rappahannock	5,825	5,666	97.3%	5,682	97.5%	5,112	87.8%	94.2%
Southwest	5,537	5,412	97.7%	5,421	97.9%	5,004	90.4%	95.3%
Thomas Jefferson	4,626	4,536	98.1%	4,325	93.5%	3,412	73.8%	88.4%
Tidewater	13,721	13,456	98.1%	12,593	91.8%	12,190	88.8%	92.9%
Western	9,909	9,642	97.3%	9,687	97.8%	7,683	77.5%	90.9%
Other/Out of State	819	809	98.8%	791	96.6%	586	71.6%	89.0%
Grand Total	100,052	97,589	97.5%	94,890	94.8%	83,705	83.7%	92.0%



Trauma Incidents

EMS agencies in Virginia reported 100,052 trauma incidents to the Virginia Pre-Hospital Information Bridge (VPHIB) for 2016. August was the month with the highest amount of trauma calls. (See Figure 4.) EMS agencies responded to an average of 8,338 calls per month for 2016. When reviewing the trauma data by EMS Council Regions, the Old Dominion EMS Council Region was the region with the highest number of trauma calls (20,881). (See Figure 5.) The Northern Virginia Region came in second for the highest amount of trauma calls for 2016. Based on each region's population, the Thomas Jefferson EMS Council Region had the highest incidence rate per 1,000 residents with trauma incidents. (See Table 5. and Figure 6.)

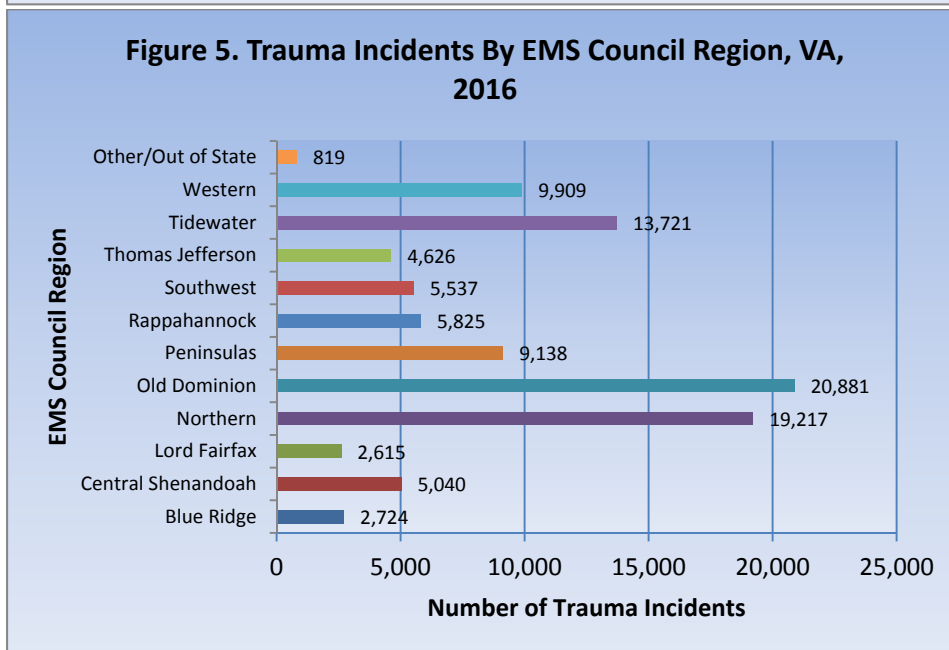
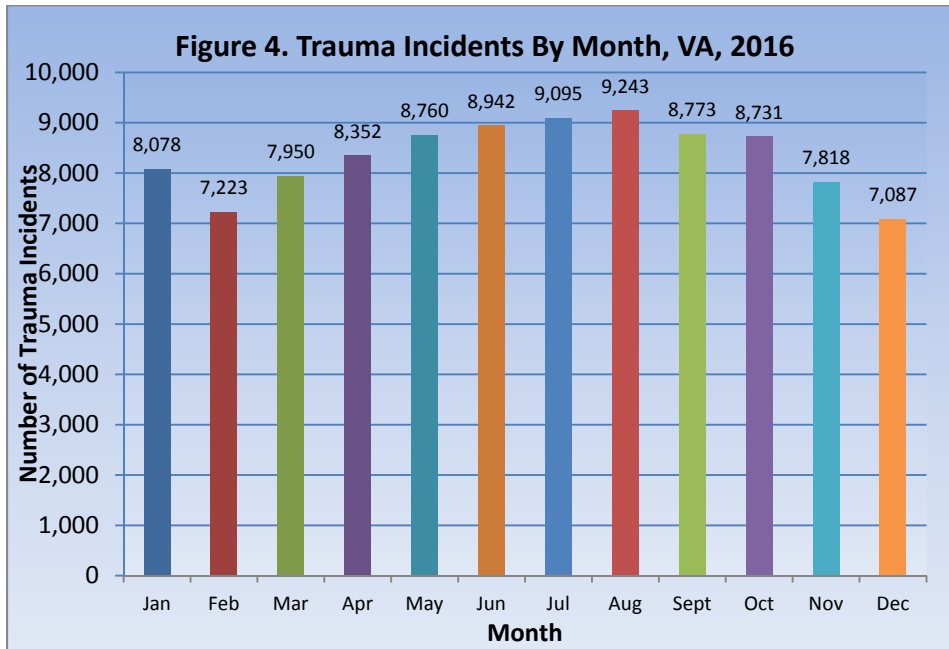


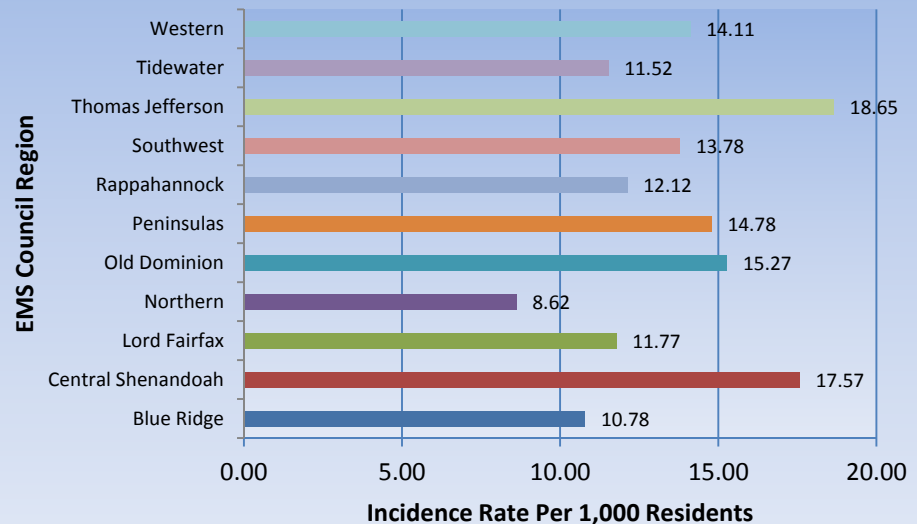
Table 4. Trauma Incidents By Month By EMS Council Region, VA, 2016

EMS Council Region	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total	Percent
Blue Ridge	222	207	228	236	206	230	255	284	232	231	199	194	2,724	2.7%
Central Shenandoah	425	391	419	411	423	457	462	446	460	428	372	346	5,040	5.0%
Lord Fairfax	204	164	208	203	244	241	234	219	229	227	204	238	2,615	2.6%
Northern	1,471	1,362	1,335	1,534	1,668	1,667	1,670	1,915	1,820	1,740	1,512	1,523	19,217	19.2%
Old Dominion	1,697	1,497	1,594	1,666	1,776	1,785	1,886	1,922	1,805	1,973	1,849	1,431	20,881	20.9%
Peninsulas	717	647	771	743	771	856	828	786	743	809	795	672	9,138	9.1%
Rappahannock	452	411	470	486	522	530	460	492	469	551	506	476	5,825	5.8%
Southwest	476	353	447	478	517	492	514	565	452	419	409	415	5,537	5.5%
Thomas Jefferson	408	332	335	367	375	401	450	395	414	432	389	328	4,626	4.6%
Tidewater	1,123	1,049	1,166	1,269	1,242	1,386	1,347	1,292	1,269	1,016	783	779	13,721	13.7%
Western	817	764	890	899	950	820	908	876	805	838	728	614	9,909	9.9%
Other/Out of State	66	46	87	60	66	77	81	51	75	67	72	71	819	0.8%
Grand Total	8,078	7,223	7,950	8,352	8,760	8,942	9,095	9,243	8,773	8,731	7,818	7,087	100,052	100.0%

Table 5. Trauma Incidents Incidence Summary By EMS Council Region, VA, 2016

EMS Council Region	Number of Trauma Incidents	2010 Census Population	Incidence Rate Per 1,000 Residents
Blue Ridge	2,724	252,634	10.78
Central Shenandoah	5,040	286,781	17.57
Lord Fairfax	2,615	222,152	11.77
Northern	19,217	2,230,623	8.62
Old Dominion	20,881	1,367,170	15.27
Peninsulas	9,138	618,101	14.78
Rappahannock	5,825	480,519	12.12
Southwest	5,537	401,745	13.78
Thomas Jefferson	4,626	248,020	18.65
Tidewater	13,721	1,191,101	11.52
Western	9,909	702,178	14.11
Other/Out of State	819	-	-
Grand Total	100,052	8,001,024	12.50

Figure 6. Incident Rates with Trauma Incidents By EMS Council Region, VA, 2016

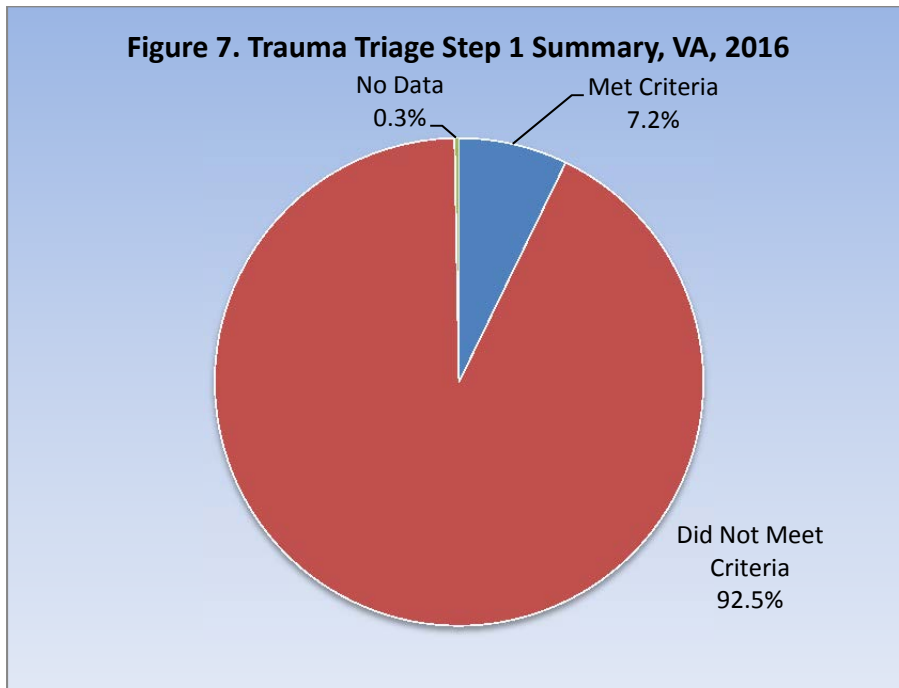


Trauma Patients Met Step 1 Criteria

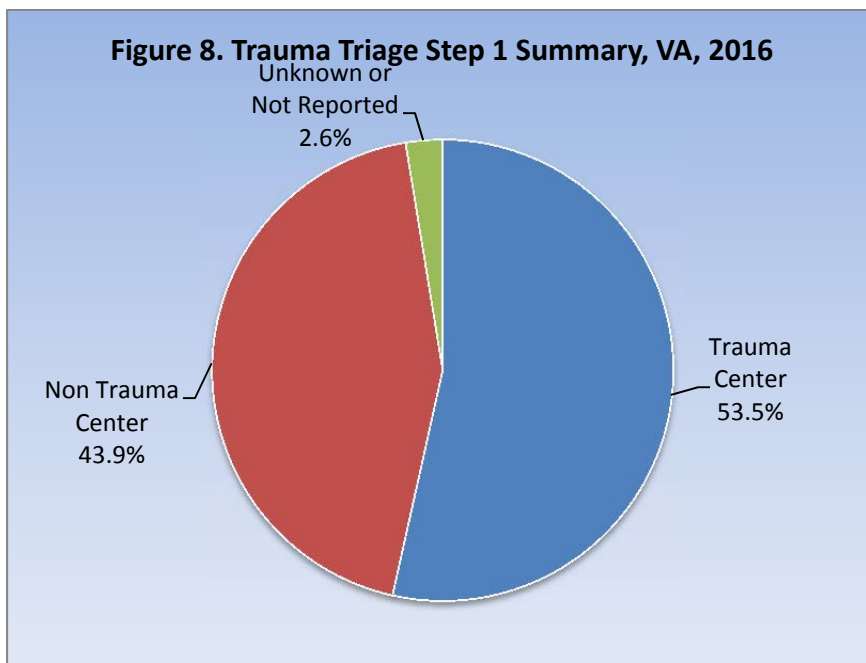
Out of the 100,052 trauma incidents, there were 7,197 incidents (7.2%) that had patients who met one or more of the Virginia Step 1 Field Trauma Triage Criteria. See Table 6 for a breakdown of this information by Virginia EMS Council Regions. Map 1 shows a map of the 11 EMS regions and the locations of trauma centers in Virginia. The Northern EMS Council Region accounted for the highest percentage (9.0%) of trauma patients who met one or more of the Step 1 criteria.

Table 6. Trauma Triage Step 1 Summary By EMS Council Region, VA, 2016

EMS Council Region	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Blue Ridge	202	2,519	3	2,724	7.4%
Central Shenandoah	262	4,761	17	5,040	5.2%
Lord Fairfax	177	2,432	6	2,615	6.8%
Northern	1,737	17,376	104	19,217	9.0%
Old Dominion	1,408	19,418	55	20,881	6.7%
Peninsulas	606	8,527	5	9,138	6.6%
Rappahannock	348	5,456	21	5,825	6.0%
Southwest	446	5,073	18	5,537	8.1%
Thomas Jefferson	329	4,284	13	4,626	7.1%
Tidewater	928	12,772	21	13,721	6.8%
Western	639	9,236	34	9,909	6.4%
Other/Out of State	115	702	2	819	14.0%
Grand Total	7,197	92,556	299	100,052	7.2%



Fifty-four (53.5) percent of all trauma patients who met step 1 criteria were taken to trauma centers (Optimal trauma triage), while 43.9 percent were taken to non trauma centers (Sub-optimal trauma triage). (See Figure 8.) Only two EMS regions, Northern Virginia and Thomas Jefferson, were thought to be capable of having all trauma patients who met one or more of the Virginia Step 1 Field Trauma Triage Criteria transported to a Level I trauma center. In Western Virginia, Old Dominion, and Tidewater only, Level III trauma centers were also considered acceptable destinations for this patient population. Geography (i.e., rivers in the eastern and mountains in the western parts of the state), as well as the actual locations of Virginia’s Level I and Level II trauma centers, were factored into the decision to include Level III trauma centers as appropriate destinations. Level II trauma centers were used as the boundary for the remaining six EMS regions. Central Shenandoah and Southwest Virginia have no trauma centers within their EMS regions but are reasonably close to a Level II trauma center in another EMS region or state. In addition, parts of Central Shenandoah are close to one of two Virginia Level I trauma centers. Lord Fairfax and Rappahannock have a Level II trauma center within their EMS regions as do Blue Ridge and Peninsulas. The latter two EMS regions, however, also have Level I trauma centers nearby.



The Central Shenandoah EMS Council Region reported that 91.2 percent (239/262) of the trauma patients that met step 1 criteria were taken to non trauma centers. (See Table 7.) This finding shows a need for a trauma center located in the region. Additionally, the next region with the highest percentage, the Southwest Virginia EMS Council Region, showed that 65.7 percent (293/446) of their trauma patients were taken to non trauma centers. The Northern EMS Council Region was third highest and accounted for 56.5 percent (981/1737) of their patients being taken to non trauma centers, while Peninsulas was the fourth highest with 48.0 percent.

In recent years, the number of standalone emergency departments (EDs) has increased considerably. Of the trauma patients who met step 1 criteria and were taken to a free standing ED, 82.6 percent (128/155) were in the Northern EMS Council Region. This finding should be closely monitored since free standing EDs are a growing trend in the healthcare medical field.

Table 7. Trauma Triage Step 1 Met Criteria By EMS Council Region By Hospital Trauma Center Type, VA, 2016

EMS Council Region	Level I	Level II	Level III	Other (Level IV, Level I Ped)	Trauma Center Total	Hospital	Free Standing ED	Non Trauma Center Total	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Blue Ridge	24	145	0	0	169	33	0	33	0	202	16.3%
Central Shenandoah	15	1	0	0	16	239	0	239	7	262	91.2%
Lord Fairfax	3	126	0	0	129	48	0	48	0	177	27.1%
Northern	613	91	0	14	718	853	128	981	38	1,737	56.5%
Old Dominion	544	281	158	0	983	409	5	414	11	1,408	29.4%
Peninsulas	23	289	0	0	312	291	0	291	3	606	48.0%
Rappahannock	11	179	2	0	192	143	3	146	10	348	42.0%
Southwest	59	57	0	8	124	293	0	293	29	446	65.7%
Thomas Jefferson	237	5	0	0	242	72	8	80	7	329	24.3%
Tidewater	296	14	248	0	558	349	10	359	11	928	38.7%
Western	243	2	118	0	363	267	0	267	9	639	41.8%
Other/Out of State	35	8	0	1	44	9	1	10	61	115	8.7%
Grand Total	2,103	1,198	526	23	3,850	3,006	155	3,161	186	7,197	43.9%

Figure 9. Trauma Triage Step 1 Summary By EMS Council Region, VA, 2016

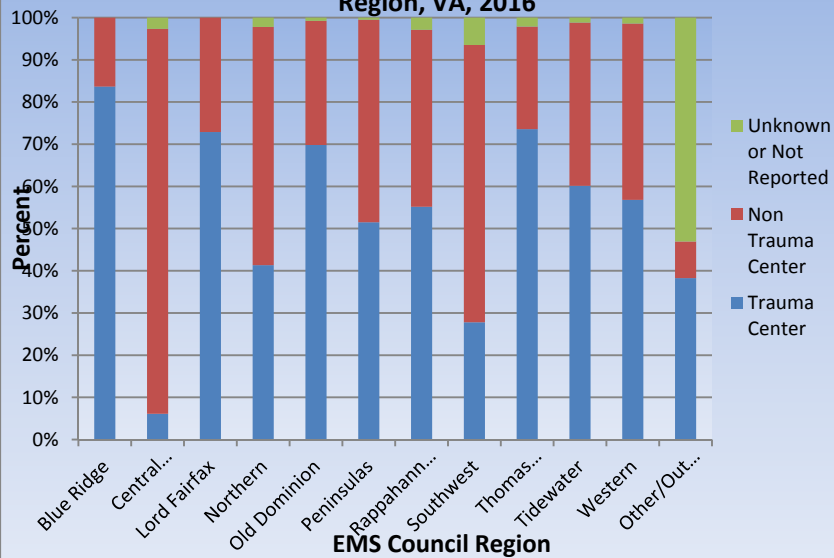
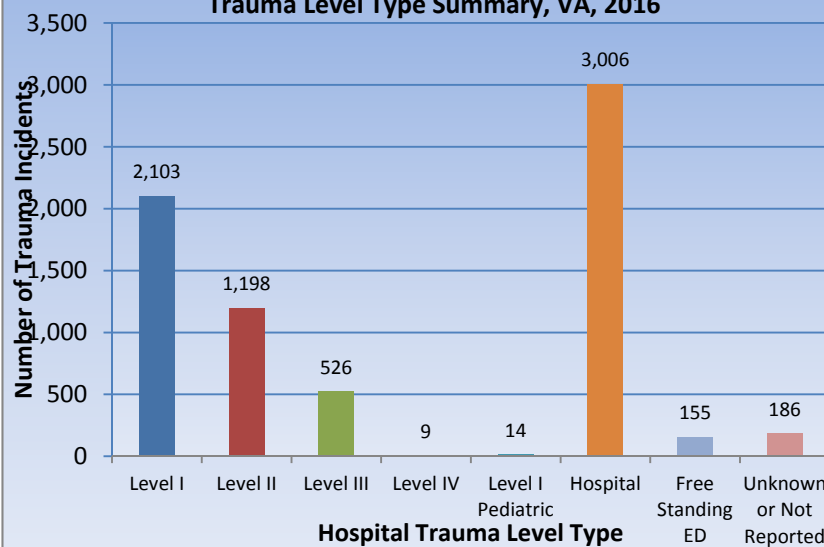


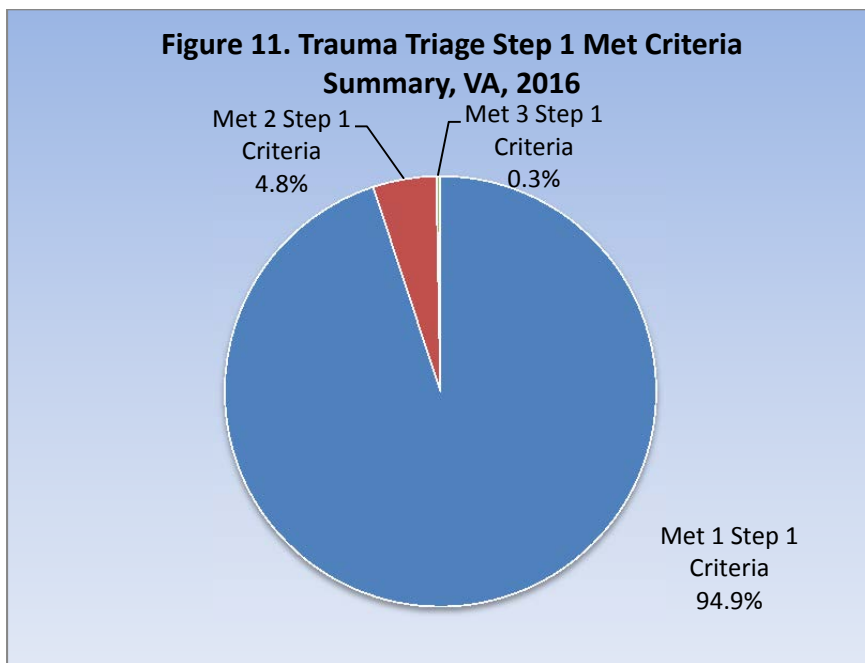
Figure 10. Trauma Triage Step 1 Met Criteria By Hospital Trauma Level Type Summary, VA, 2016



Out of the trauma triage patients that met step 1 criteria, 94.9 percent only met 1 criteria with step 1; Glasgow Coma Scale (GCS) (44.1%), respiratory rate (30.5%) or systolic blood pressure (20.3%). (See Table 8. and Table 9.) Only 4.8 percent of the trauma patients met 2 of the criteria with step 1 and only 22 patients (0.3%) met all 3 of the criteria with step 1. Of the patients that met 2 of the criteria, 23.1 percent of the patients were taken to non trauma centers, while 36.4 percent of patients who met all 3 criteria were taken to non trauma centers.

Table 8. Trauma Triage Step 1 Met Criteria Summary, VA, 2016

Step 1 Criteria	Trauma Center		Non Trauma Center		Unknown or Not Reported		Grand Total	Percent
	Total	Percent	Total	Percent	Total	Percent		
Met 1 Step 1 Criteria	3,580	52.4%	3,074	45.0%	179	2.6%	6,833	94.9%
Met 2 Step 1 Criteria	257	75.1%	79	23.1%	6	1.8%	342	4.8%
Met 3 Step 1 Criteria	13	59.1%	8	36.4%	1	4.5%	22	0.3%
Grand Total	3,850	53.5%	3,161	43.9%	186	2.6%	7,197	100.0%



Numerous patient and other factors may influence the decision regarding to which facility a patient is transported. It was noted above that the availability of trauma center resources are not equally distributed across the state. Map 2 shows the accessibility of Level I, Level II and Level III trauma centers within 45 minutes by ambulance. In some areas (Southwest Virginia and Northern Virginia) out of state resources are available. In the Lord Fairfax EMS Region, residents of West Virginia and Maryland are included in the catchment area for Winchester Medical Center, one of Virginia’s Level II trauma centers. Despite having a total of 12 Level I and Level II trauma centers (combined) and access to several other similar facilities in Tennessee and Washington, DC, large areas of the state are not covered. Although a solution to this problem is beyond the scope of this report, the variability of resources, which is often compounded by geographic and - especially in the case of Helicopter or Medevac EMS - weather factors need to be considered when comparing the outcomes of pre hospital trauma patients in Virginia.

Table 9. Trauma Triage Step 1 Met Criteria By EMS Council Region By Criteria Met, VA, 2016

EMS Council Region	Met 1 Criteria with Step 1				Met 2 Criteria with Step 1				Met 3 Criteria with Step 1		Grand Total
	Glasgow Coma Scale	Respiratory Rate	Systolic Blood Pressure	Met 1 Criteria with Step 1 Total	Glasgow Coma Scale, Respiratory Rate	Glasgow Coma Scale, Systolic Blood Pressure	Systolic Blood Pressure, Respiratory Rate	Met 2 Criteria with Step 1 Total	Glasgow Coma Scale, Systolic Blood Pressure, Respiratory Rate	Met 3 Criteria with Step 1 Total	
Blue Ridge	101	45	43	189	7	5	0	12	1	1	202
Central Shenandoah	126	65	50	241	13	7	0	20	1	1	262
Lord Fairfax	99	35	27	161	10	5	0	15	1	1	177
Northern Virginia	561	795	325	1,681	32	9	12	53	3	3	1,737
Old Dominion	627	339	347	1,313	45	37	10	92	3	3	1,408
Peninsulas	266	219	92	577	17	6	4	27	2	2	606
Rappahannock	165	114	55	334	11	1	0	12	2	2	348
Southwest Virginia	240	73	111	424	11	9	1	21	1	1	446
Thomas Jefferson	115	141	59	315	7	3	4	14	0	0	329
Tidewater	467	235	188	890	24	8	3	35	3	3	928
Western Virginia	333	119	145	597	15	18	4	37	5	5	639
Out of State	75	18	18	111	3	1	0	4	0	0	115
Grand Total	3,175	2,198	1,460	6,833	195	109	38	342	22	22	7,197
Percent	44.1%	30.5%	20.3%	94.9%	2.7%	1.5%	0.5%	4.8%	0.3%	0.3%	100.0%

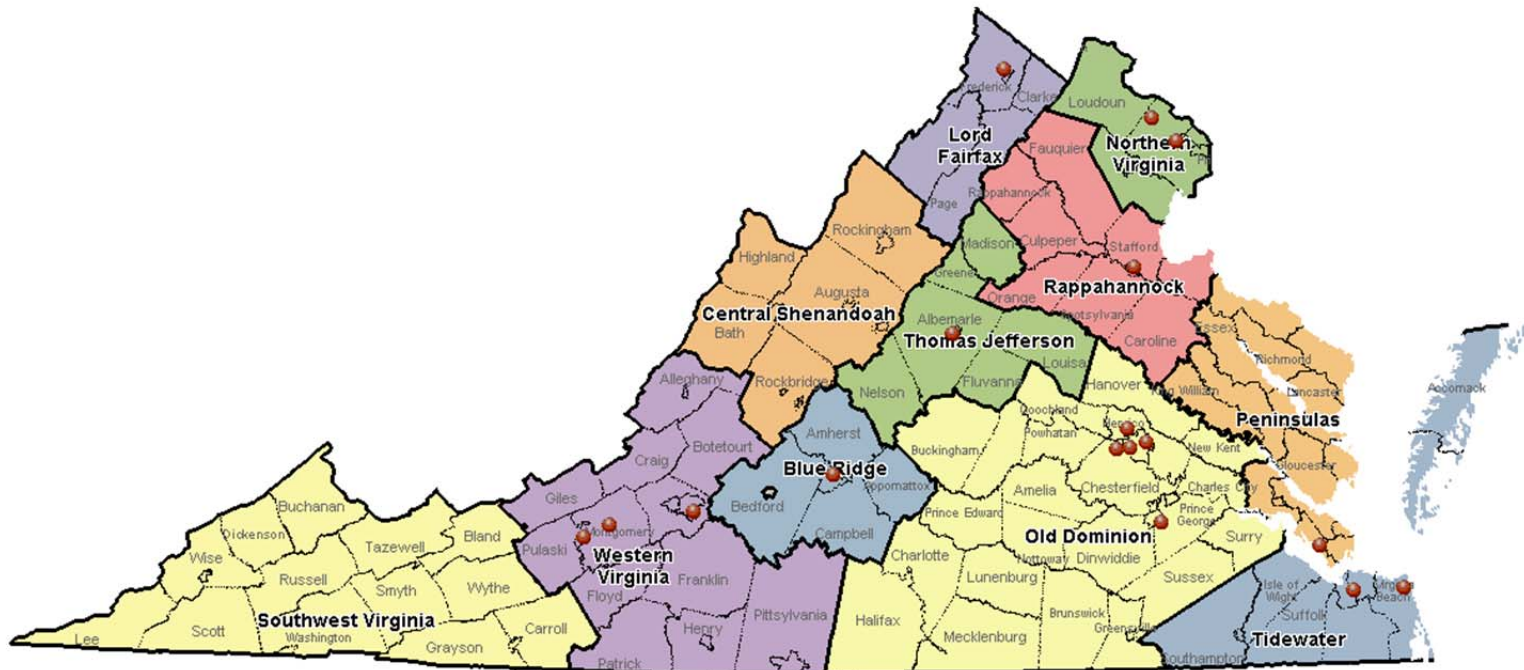
Conclusions

The large amount of missing vital signs data is an obvious place to begin improvement efforts. It may be reasonable to not record vital signs information in some situations. For example, no patient may be found by the ambulance crew, the patient may be dead on scene, or the patient may refuse evaluation and/or care. However, all of the patient cases included in this analysis were “True 911” calls in which the patient was treated and transported to a hospital. It is difficult to imagine a scenario in which one out of every five patients (20.3 percent) had no recorded systolic blood pressure, respiratory rate, or Glasgow Coma Scale (GCS). To increase the surveillance with trauma triage, this analysis and report will be generated on a quarterly basis in 2017 to track current trends with trauma. In addition, data quality reports for 2017 with vital signs will also be distributed to improve data quality with current reporting and to make sure that trauma patients are optimally triaged in Virginia. The 2016 results can be used to provide reports to individual agencies as well as to their EMS regions.

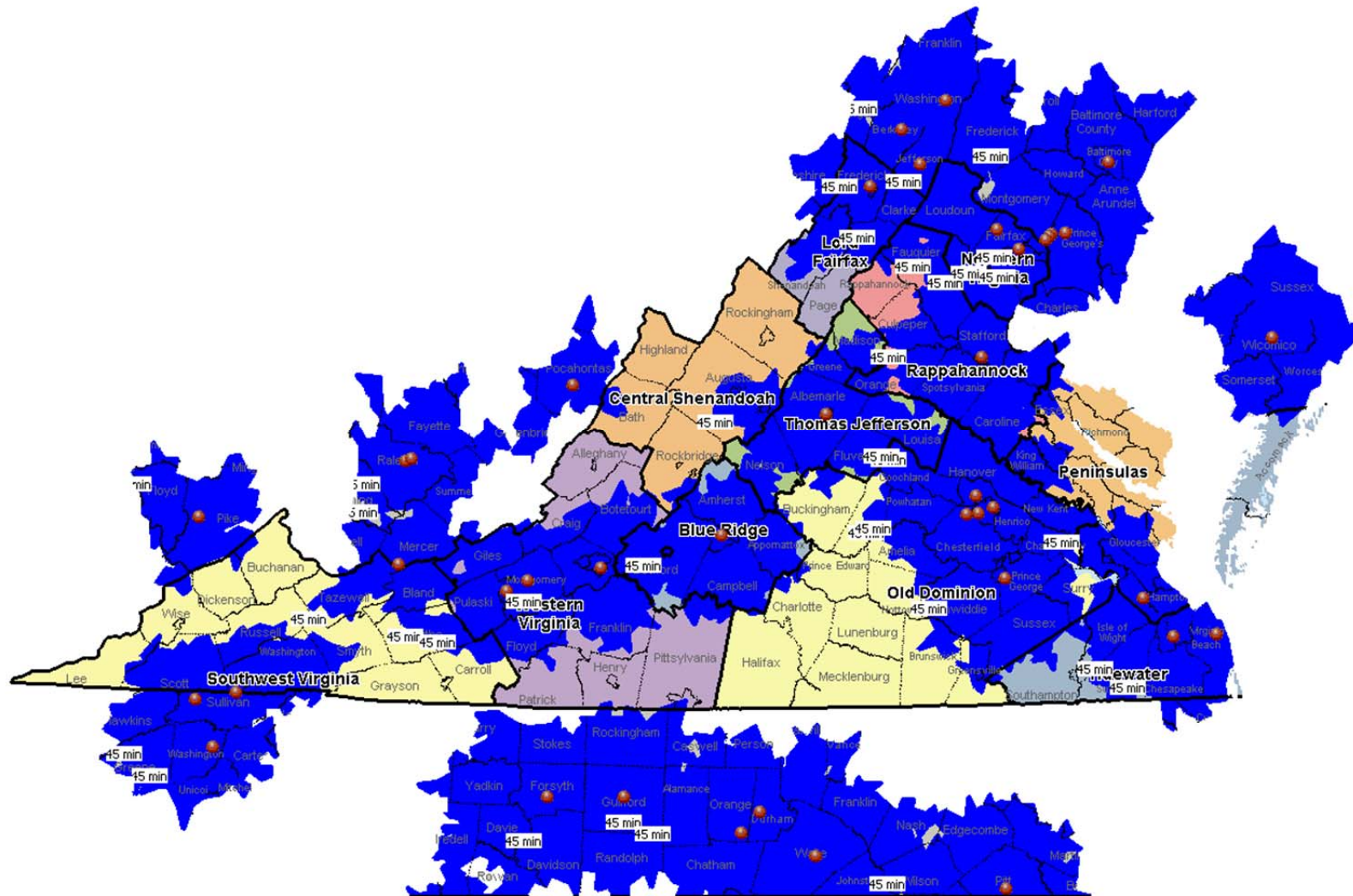
Since 43.9 percent of trauma patients who met trauma triage step 1 criteria were taken to non trauma centers in 2016 (Sub-optimal trauma triage), there is a need for additional trauma center funding. The Central Shenandoah, Southwest Virginia, Northern and Peninsulas EMS Council Regions all reported high percentage of patients going to non trauma centers. The addition of trauma center resources would help to provide improved care with trauma patients statewide.

It is hoped that the give and take of providing specific agency level data to the providers, along with encouraging constructive feedback, will help to determine some of the other less obvious explanatory issues. This information should allow for the development of a performance improvement plan for the triage of pre hospital trauma patients.

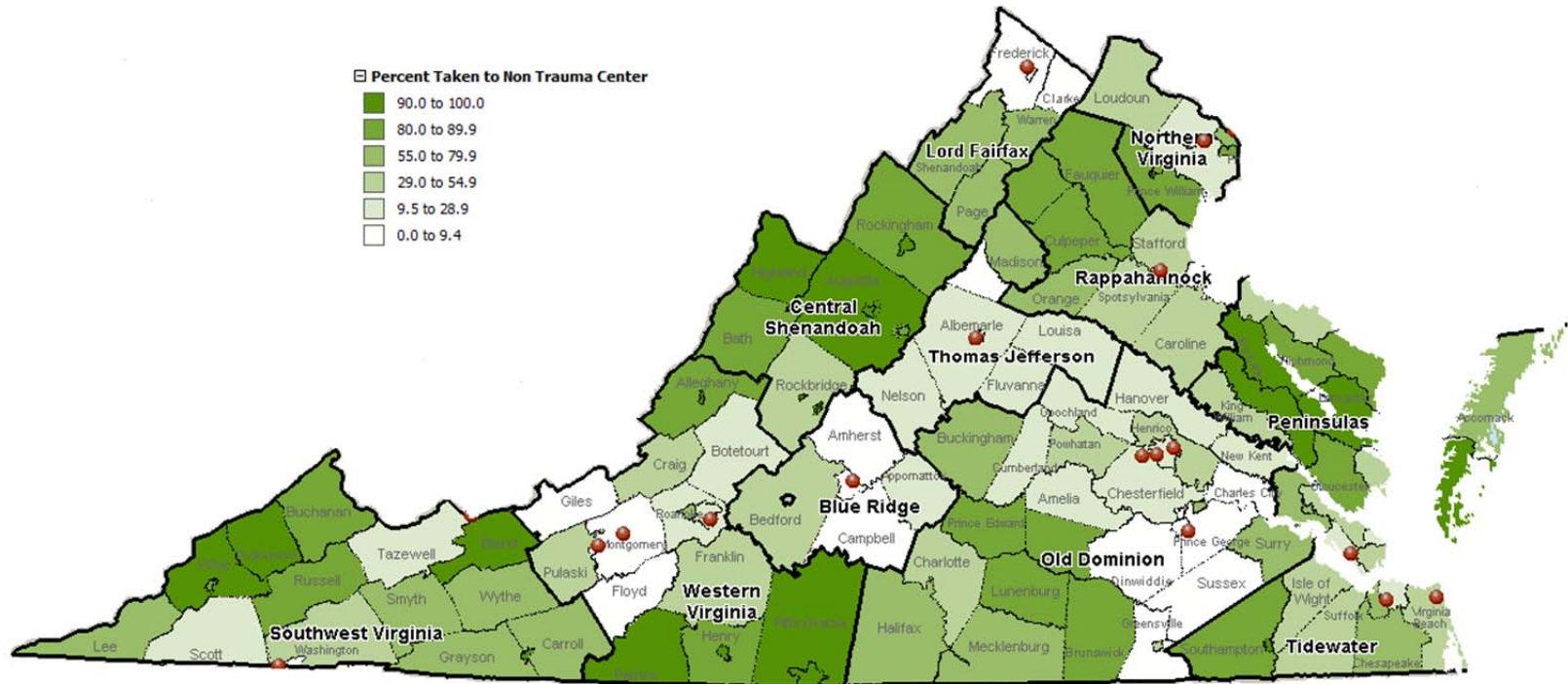
Map 1. Virginia EMS Council Regions with Trauma Center Locations



Map 2. Virginia Trauma Center Locations with Drivetime Zones (45 min.)

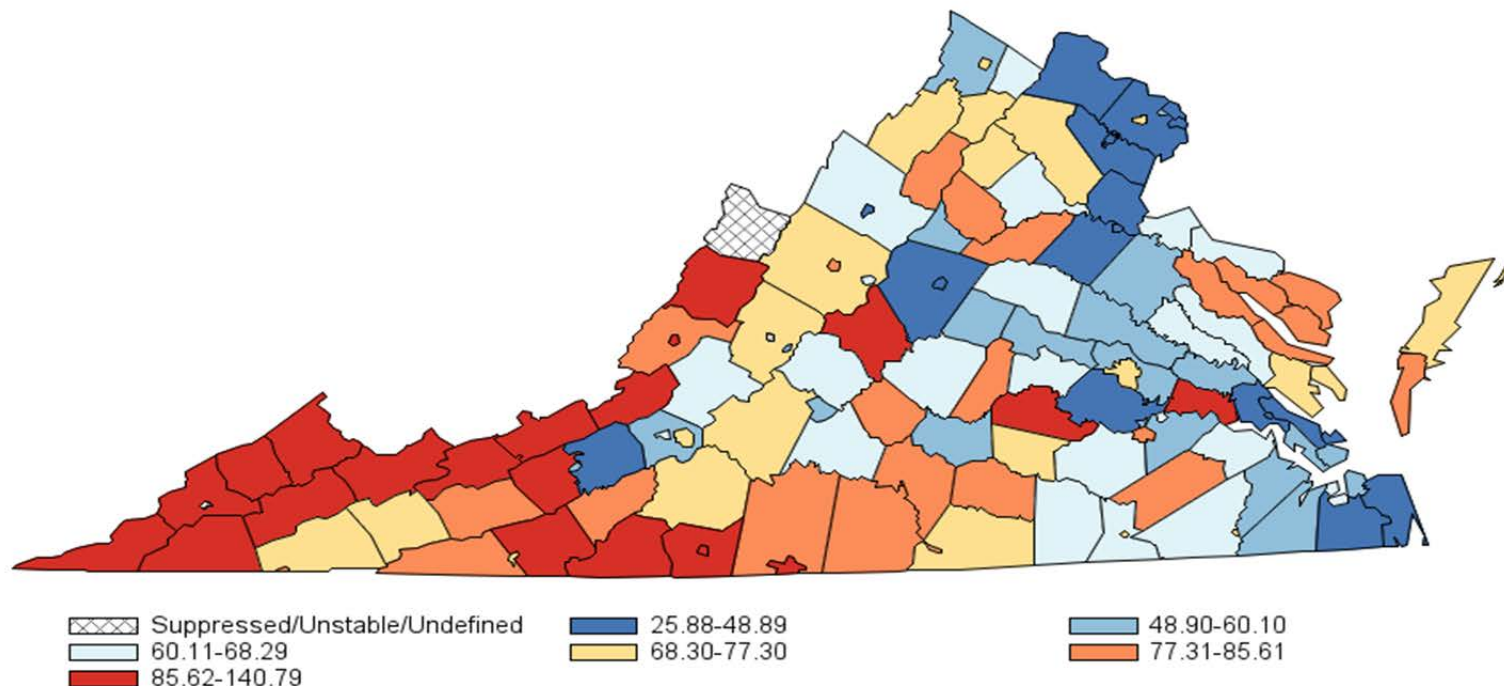


Map 3. Virginia Trauma Triage Percent Patients Taken to Non Trauma Centers, 2016



Map 4. Virginia Death Rates per 100,000 Population, 2008-2014

2008-2014, Virginia
Death Rates per 100,000 Population
All Injury, All Intents, All Races, All Ethnicities, Both Sexes, All Ages
Annualized Crude Rate for Virginia: 52.87



Reports for All Ages include those of unknown age.

* Rates based on 20 or fewer deaths may be unstable. These rates are suppressed for counties (see legend above); such rates in the title have an asterisk.

Produced by: the Statistics, Programming & Economics Branch, National Center for Injury Prevention & Control, CDC
Data Sources: NCES National Vital Statistics System for numbers of deaths; US Census Bureau for population estimates.

Source: <https://www.cdc.gov/injury/wisqars/> (Generated on 5/25/2017)

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Blue Ridge	10370	1	202	0	203	0.5%
	10510	0	42	0	42	0.0%
	10630	132	11	0	143	92.3%
	11030	455	13	0	468	97.2%
	11050	8	5	0	13	61.5%
	11130	3	0	0	3	100.0%
	11410	4	0	0	4	100.0%
	11650	0	1	0	1	0.0%
	12010	270	164	0	434	62.2%
	12030	43	39	0	82	52.4%
	12410	16	114	2	132	12.1%
	12490	5	0	0	5	100.0%
	12910	9	25	0	34	26.5%
	13450	42	1	0	43	97.7%
	13990	106	6	0	112	94.6%
	14670	1	0	0	1	100.0%
	15750	10	18	0	28	35.7%
	16230	7	0	0	7	100.0%
	16570	25	2	0	27	92.6%
	17830	808	44	0	852	94.8%
	18690	35	2	0	37	94.6%
18750	13	8	0	21	61.9%	
19810	15	0	0	15	100.0%	
21650	9	1	0	10	90.0%	
22390	5	1	0	6	83.3%	
23510	1	0	0	1	100.0%	
Blue Ridge Total		2,023	699	2	2,724	74.3%
Central Shenandoah	10810	441	24	0	465	94.8%
	10830	4	1	0	5	80.0%
	10930	10	0	0	10	100.0%
	10950	3	0	0	3	100.0%
	11550	75	20	0	95	78.9%
	11590	32	31	0	63	50.8%
	11850	98	25	0	123	79.7%
	12890	58	14	0	72	80.6%
	12970	14	4	1	19	73.7%
	13070	0	1	0	1	0.0%
	13110	1	1	1	3	33.3%
	13270	28	30	0	58	48.3%
	13610	0	1	0	1	0.0%
	13930	7	0	0	7	100.0%
	14070	0	1	0	1	0.0%
	14450	8	0	0	8	100.0%
	14490	11	66	0	77	14.3%
	14730	42	2	0	44	95.5%
	15430	157	53	0	210	74.8%
	15670	65	2	0	67	97.0%
	15830	22	1	0	23	95.7%
16030	68	5	0	73	93.2%	
16250	730	344	9	1,083	67.4%	
16390	16	11	0	27	59.3%	
16550	63	18	0	81	77.8%	
16970	9	6	0	15	60.0%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Central Shenandoah (cont.)	17470	236	4	0	240	98.3%
	18570	4	2	0	6	66.7%
	18870	19	12	0	31	61.3%
	19050	6	5	0	11	54.5%
	20330	15	2	0	17	88.2%
	21210	308	183	3	494	62.3%
	21850	4	8	1	13	30.8%
	22310	765	40	0	805	95.0%
	22550	160	35	0	195	82.1%
	23930	579	15	0	594	97.5%
Central Shenandoah Total		4,058	967	15	5,040	80.5%
Lord Fairfax	13130	77	83	1	161	47.8%
	13470	9	0	0	9	100.0%
	15230	1	1	0	2	50.0%
	15310	559	222	1	782	71.5%
	15410	16	5	0	21	76.2%
	18830	51	0	0	51	100.0%
	19710	17	0	0	17	100.0%
	19750	78	75	1	154	50.6%
	20990	3	1	0	4	75.0%
	21710	246	39	1	286	86.0%
	22510	2	2	0	4	50.0%
	23310	4	1	0	5	80.0%
	23790	198	86	0	284	69.7%
	24190	578	21	1	600	96.3%
	24290	225	10	0	235	95.7%
Lord Fairfax Total		2,064	546	5	2,615	78.9%
Northern Virginia	10330	0	1,515	10	1,525	0.0%
	10690	27	9	0	36	75.0%
	10710	1,761	88	2	1,851	95.1%
	10730	97	51	0	148	65.5%
	11790	30	5	0	35	85.7%
	12950	212	119	38	369	57.5%
	12990	422	20	0	442	95.5%
	13010	181	17	0	198	91.4%
	13750	125	26	2	153	81.7%
	14190	32	4	0	36	88.9%
	14690	4,986	2,163	9	7,158	69.7%
	14710	29	2	1	32	90.6%
	15850	6	4	0	10	60.0%
	16150	21	29	0	50	42.0%
	17190	10	7	0	17	58.8%
	17670	1,248	378	8	1,634	76.4%
	17690	137	33	0	170	80.6%
	17750	17	8	1	26	65.4%
	19230	51	28	1	80	63.8%
	19530	94	42	1	137	68.6%
	19970	499	6	0	505	98.8%
	20030	2	0	0	2	100.0%
	20270	2,387	1,212	17	3,616	66.0%
	20410	84	84	1	169	49.7%
	21270	0	1	0	1	0.0%
22350	1	2	1	4	25.0%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Northern Virginia (cont.)	22370	498	131	2	631	78.9%
	22450	112	66	3	181	61.9%
	22710	0	1	0	1	0.0%
Northern Virginia Total		13,069	6,051	97	19,217	68.0%
Old Dominion	10230	194	3	0	197	98.5%
	10290	28	1	0	29	96.6%
	10410	170	0	0	170	100.0%
	10450	144	5	1	150	96.0%
	11070	37	8	0	45	82.2%
	11470	67	9	0	76	88.2%
	11750	46	0	0	46	100.0%
	11810	132	68	0	200	66.0%
	11890	69	3	0	72	95.8%
	12230	29	2	0	31	93.5%
	12430	46	2	0	48	95.8%
	12530	2	0	0	2	100.0%
	12570	146	1	0	147	99.3%
	12650	60	2	0	62	96.8%
	12750	3,055	608	6	3,669	83.3%
	13370	460	10	0	470	97.9%
	13730	36	2	0	38	94.7%
	13950	4	1	0	5	80.0%
	13970	5	0	0	5	100.0%
	14030	119	2	0	121	98.3%
	14270	3	0	0	3	100.0%
	14570	68	3	0	71	95.8%
	14610	91	10	0	101	90.1%
	15030	350	12	2	364	96.2%
	15050	5	8	0	13	38.5%
	15210	17	1	0	18	94.4%
	15730	188	125	1	314	59.9%
	15950	140	7	0	147	95.2%
	16110	431	19	0	450	95.8%
	16170	0	1	0	1	0.0%
	16210	3	0	0	3	100.0%
	16310	3,002	1,693	28	4,723	63.6%
	16330	37	39	0	76	48.7%
	16370	0	0	1	1	0.0%
	16470	7	0	0	7	100.0%
	16490	209	11	0	220	95.0%
	16510	182	2	0	184	98.9%
	16910	40	0	0	40	100.0%
	17250	170	57	0	227	74.9%
	17570	11	8	0	19	57.9%
17930	65	53	0	118	55.1%	
18190	71	5	0	76	93.4%	
18310	33	1	0	34	97.1%	
19070	286	0	0	286	100.0%	
19350	73	2	0	75	97.3%	
19490	186	4	1	191	97.4%	
19870	78	4	0	82	95.1%	
19950	220	11	2	233	94.4%	
20150	9	3	0	12	75.0%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Old Dominion (cont.)	20170	211	15	0	226	93.4%
	20230	371	16	0	387	95.9%
	20250	292	11	0	303	96.4%
	20310	10	0	0	10	100.0%
	20790	4,259	90	3	4,352	97.9%
	20870	30	2	0	32	93.8%
	22030	162	35	0	197	82.2%
	22050	546	19	0	565	96.6%
	22470	45	3	0	48	93.8%
	22650	66	4	0	70	94.3%
	23110	176	461	9	646	27.2%
	23150	21	1	0	22	95.5%
	23430	63	2	0	65	96.9%
	23650	189	2	0	191	99.0%
23910	91	4	0	95	95.8%	
Old Dominion Total		17,356	3,471	54	20,881	83.1%
Peninsulas	10110	179	7	0	186	96.2%
	11970	10	0	0	10	100.0%
	12450	77	2	0	79	97.5%
	13330	43	0	0	43	100.0%
	14590	159	10	0	169	94.1%
	15690	325	5	0	330	98.5%
	16190	2,176	34	2	2,212	98.4%
	16290	0	6	1	7	0.0%
	16710	1,169	0	0	1,169	100.0%
	16990	42	0	0	42	100.0%
	17010	21	0	0	21	100.0%
	17030	14	0	0	14	100.0%
	17110	78	1	0	79	98.7%
	17270	149	2	0	151	98.7%
	17770	29	0	0	29	100.0%
	17950	17	0	0	17	100.0%
	18090	78	10	0	88	88.6%
	18110	27	1	0	28	96.4%
	18470	9	0	0	9	100.0%
	18530	72	38	1	111	64.9%
	18730	17	0	0	17	100.0%
	19110	2,860	28	0	2,888	99.0%
	19130	83	5	0	88	94.3%
	19430	26	0	0	26	100.0%
	19450	42	3	0	45	93.3%
	20090	86	3	0	89	96.6%
	20810	140	2	0	142	98.6%
	21010	6	0	0	6	100.0%
	23210	6	2	0	8	75.0%
	23970	28	10	0	38	73.7%
	24010	152	3	0	155	98.1%
24030	3	0	0	3	100.0%	
24170	126	229	0	355	35.5%	
24350	472	11	1	484	97.5%	
Peninsulas Total		8,721	412	5	9,138	95.4%
Rappahannock	10550	22	34	1	57	38.6%
	12150	150	21	0	171	87.7%

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Rappahannock (cont.)	12270	3	1	0	4	75.0%
	12330	1	0	0	1	100.0%
	12510	83	4	0	87	95.4%
	12730	0	14	1	15	0.0%
	13690	351	33	0	384	91.4%
	13710	125	8	0	133	94.0%
	14810	436	484	1	921	47.3%
	14930	0	5	0	5	0.0%
	15090	1	0	0	1	100.0%
	15330	258	50	0	308	83.8%
	15350	101	40	1	142	71.1%
	15710	1	0	0	1	100.0%
	17050	277	4	1	282	98.2%
	17230	59	1	0	60	98.3%
	17530	110	16	11	137	80.3%
	17590	32	14	0	46	69.6%
	17630	1	2	1	4	25.0%
	19010	2	6	0	8	25.0%
	19730	1	5	0	6	16.7%
	20430	114	10	0	124	91.9%
	20630	4	14	0	18	22.2%
	20690	5	3	1	9	55.6%
	20770	34	0	0	34	100.0%
	21410	6	0	0	6	100.0%
	22110	25	4	0	29	86.2%
	22130	1,281	33	1	1,315	97.4%
	22150	376	20	0	396	94.9%
	22190	1,010	55	1	1,066	94.7%
	22850	0	1	0	1	0.0%
	23250	27	1	1	29	93.1%
23890	19	6	0	25	76.0%	
Rappahannock Total		4,915	889	21	5,825	84.4%
Southwest Virginia	10070	36	5	0	41	87.8%
	10090	33	21	0	54	61.1%
	10610	76	12	0	88	86.4%
	10970	1	0	0	1	100.0%
	11150	92	48	0	140	65.7%
	11250	23	3	0	26	88.5%
	11350	133	4	0	137	97.1%
	11570	291	64	0	355	82.0%
	12050	24	4	0	28	85.7%
	12190	356	6	0	362	98.3%
	12290	61	3	0	64	95.3%
	12790	28	18	0	46	60.9%
	12830	2	0	0	2	100.0%
	13170	17	3	0	20	85.0%
	13250	91	38	0	129	70.5%
	13790	21	0	0	21	100.0%
	13810	34	1	0	35	97.1%
	13870	2	0	0	2	100.0%
	14010	35	4	0	39	89.7%
	14050	14	3	1	18	77.8%
14150	114	1	0	115	99.1%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Southwest Virginia (cont.)	14470	2	1	1	4	50.0%
	15370	2	12	0	14	14.3%
	15390	32	1	0	33	97.0%
	15490	219	2	0	221	99.1%
	15630	2	3	0	5	40.0%
	15770	68	2	0	70	97.1%
	16070	51	6	0	57	89.5%
	16270	26	11	0	37	70.3%
	16410	8	1	0	9	88.9%
	16590	83	3	0	86	96.5%
	16770	10	1	0	11	90.9%
	16850	95	1	1	97	97.9%
	16950	1	3	0	4	25.0%
	17310	16	1	0	17	94.1%
	17350	8	0	0	8	100.0%
	17390	111	5	0	116	95.7%
	17410	79	96	3	178	44.4%
	17430	143	1	2	146	97.9%
	17510	7	0	0	7	100.0%
	18370	96	3	0	99	97.0%
	18850	1	21	0	22	4.5%
	19030	67	6	0	73	91.8%
	19190	40	19	0	59	67.8%
	19470	104	4	0	108	96.3%
	19590	59	0	0	59	100.0%
	20050	58	0	0	58	100.0%
	20130	63	4	0	67	94.0%
	20190	43	0	0	43	100.0%
	20670	82	6	0	88	93.2%
	20750	36	21	0	57	63.2%
	21310	13	0	0	13	100.0%
	21330	56	3	0	59	94.9%
	21430	3	48	0	51	5.9%
	21470	5	8	1	14	35.7%
	21510	186	6	2	194	95.9%
	21930	55	6	0	61	90.2%
	22170	3	1	0	4	75.0%
	22610	11	2	0	13	84.6%
	22750	3	1	0	4	75.0%
	22870	46	0	0	46	100.0%
	22890	1	1	0	2	50.0%
	22970	71	33	2	106	67.0%
	23010	150	10	1	161	93.2%
23030	197	14	1	212	92.9%	
23050	194	32	0	226	85.8%	
23090	5	0	0	5	100.0%	
23330	10	4	0	14	71.4%	
23350	13	2	0	15	86.7%	
23670	139	3	0	142	97.9%	
23850	97	4	0	101	96.0%	
23870	185	8	0	193	95.9%	
24270	120	4	0	124	96.8%	
24310	192	8	1	201	95.5%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Southwest Virginia Total		4,851	670	16	5,537	87.6%
Thomas Jefferson	10270	590	554	1	1,145	51.5%
	12610	69	9	3	81	85.2%
	12630	861	412	5	1,278	67.4%
	14350	3	0	0	3	100.0%
	14990	1	0	0	1	100.0%
	15010	128	5	2	135	94.8%
	15650	1	0	0	1	100.0%
	15910	271	35	1	307	88.3%
	15930	36	4	0	40	90.0%
	17210	144	17	0	161	89.4%
	17710	495	165	1	661	74.9%
	17870	100	3	0	103	97.1%
	17890	45	3	0	48	93.8%
	18990	2	0	0	2	100.0%
	19930	65	2	0	67	97.0%
	21170	5	0	0	5	100.0%
	21230	16	2	0	18	88.9%
	21550	37	14	0	51	72.5%
	21630	0	1	0	1	0.0%
	23270	3	1	0	4	75.0%
23290	2	0	0	2	100.0%	
23990	103	160	0	263	39.2%	
24250	240	9	0	249	96.4%	
Thomas Jefferson Total		3,217	1,396	13	4,626	69.5%
Tidewater	10130	307	45	0	352	87.2%
	11490	34	1	0	35	97.1%
	12070	6	0	0	6	100.0%
	12090	26	0	1	27	96.3%
	12210	2	0	0	2	100.0%
	12710	1,499	355	3	1,857	80.7%
	12810	51	0	0	51	100.0%
	13090	5,170	901	0	6,071	85.2%
	13430	17	0	0	17	100.0%
	13530	70	3	0	73	95.9%
	15290	212	4	0	216	98.1%
	15890	4	0	0	4	100.0%
	16650	304	9	0	313	97.1%
	16670	21	0	0	21	100.0%
	16690	20	0	0	20	100.0%
	18130	0	2	0	2	0.0%
	18250	11	0	0	11	100.0%
	18330	14	6	0	20	70.0%
	18650	2	0	0	2	100.0%
	18890	13	0	0	13	100.0%
	19210	204	2	0	206	99.0%
	19290	1,086	16	0	1,102	98.5%
	19390	208	6	0	214	97.2%
	19410	5	13	0	18	27.8%
	19570	0	1	0	1	0.0%
	19650	30	1	0	31	96.8%
	19830	1	4	0	5	20.0%
20110	1,170	545	13	1,728	67.7%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Tidewater (cont.)	20610	3	0	0	3	100.0%
	21490	1	1	0	2	50.0%
	21810	0	1	0	1	0.0%
	22090	1	0	0	1	100.0%
	22590	374	525	3	902	41.5%
	22910	4	0	0	4	100.0%
	22930	261	122	1	384	68.0%
	23730	2	0	0	2	100.0%
	24210	4	0	0	4	100.0%
Tidewater Total		11,137	2,563	21	13,721	81.2%
Western Virginia	10010	1	1	0	2	50.0%
	10670	14	3	0	17	82.4%
	10850	11	2	0	13	84.6%
	10890	62	37	1	100	62.0%
	11170	394	48	0	442	89.1%
	11230	54	2	0	56	96.4%
	11310	10	2	0	12	83.3%
	11330	10	0	0	10	100.0%
	11390	4	0	0	4	100.0%
	11430	246	11	0	257	95.7%
	11690	22	0	1	23	95.7%
	11950	9	0	0	9	100.0%
	12130	113	1	0	114	99.1%
	12350	112	5	0	117	95.7%
	12370	14	1	0	15	93.3%
	12390	3	0	0	3	100.0%
	12670	29	1	0	30	96.7%
	12850	528	7	0	535	98.7%
	13210	136	11	0	147	92.5%
	13490	27	0	1	28	96.4%
	13550	75	17	1	93	80.6%
	13570	42	0	0	42	100.0%
	13590	14	1	0	15	93.3%
	13850	499	30	6	535	93.3%
	14230	20	1	0	21	95.2%
	14310	6	2	0	8	75.0%
	14770	21	2	0	23	91.3%
	14850	146	9	0	155	94.2%
	14870	2	0	0	2	100.0%
	14950	93	1	1	95	97.9%
	14970	11	2	0	13	84.6%
	15250	338	62	1	401	84.3%
	15270	43	13	0	56	76.8%
15590	23	10	0	33	69.7%	
16010	8	11	0	19	42.1%	
16350	389	73	1	463	84.0%	
16630	4	8	0	12	33.3%	
16790	83	3	1	87	95.4%	
17330	5	0	0	5	100.0%	
17650	6	1	0	7	85.7%	
18070	191	77	0	268	71.3%	
18270	167	0	0	167	100.0%	
18790	8	0	0	8	100.0%	

Supplemental Table 1. Trauma Patients Complete Vital Signs Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Patients with All 3 Vital Signs Reported	Patients with Incomplete Vital Signs	Patients with No Vital Signs Data	Grand Total	Percent with All 3 Vital Signs Reported
Western Virginia (cont.)	18810	38	1	0	39	97.4%
	19150	0	15	0	15	0.0%
	19770	1	1	0	2	50.0%
	19890	14	0	0	14	100.0%
	20490	148	1	0	149	99.3%
	20550	26	1	0	27	96.3%
	20570	506	29	0	535	94.6%
	20590	222	6	1	229	96.9%
	20890	107	31	0	138	77.5%
	20910	54	16	0	70	77.1%
	20930	37	2	0	39	94.9%
	21030	707	12	0	719	98.3%
	21050	20	0	0	20	100.0%
	21070	17	17	0	34	50.0%
	21090	542	1,782	9	2,333	23.2%
	21370	419	24	0	443	94.6%
	21390	22	0	1	23	95.7%
	21570	15	0	0	15	100.0%
	21690	55	5	0	60	91.7%
	21910	27	4	0	31	87.1%
	22430	41	17	0	58	70.7%
	22530	0	1	0	1	0.0%
	23130	54	1	0	55	98.2%
	23410	8	1	0	9	88.9%
	23450	79	1	0	80	98.8%
	23470	79	3	0	82	96.3%
23710	180	2	0	182	98.9%	
24070	7	5	0	12	58.3%	
24330	10	15	8	33	30.3%	
Western Virginia Total		7,428	2,448	33	9,909	75.0%
Out of State	10190	2	1	0	3	66.7%
	10250	74	0	0	74	100.0%
	10390	18	0	0	18	100.0%
	10490	166	1	2	169	98.2%
	18290	123	4	0	127	96.9%
	18390	170	240	0	410	41.5%
	18430	3	0	0	3	100.0%
	20650	15	0	0	15	100.0%
Out of State Total		571	246	2	819	69.7%
Grand Total		79,410	20,358	284	100,052	79.4%

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Blue Ridge	10370	203	200	98.5%	202	99.5%	2	1.0%	66.3%
	10510	42	42	100.0%	42	100.0%		0.0%	66.7%
	10630	143	134	93.7%	143	100.0%	140	97.9%	97.2%
	11030	468	459	98.1%	464	99.1%	465	99.4%	98.9%
	11050	13	13	100.0%	11	84.6%	8	61.5%	82.1%
	11130	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	11410	4	4	100.0%	4	100.0%	4	100.0%	100.0%
	11650	1		0.0%	1	100.0%		0.0%	33.3%
	12010	434	427	98.4%	433	99.8%	271	62.4%	86.9%
	12030	82	79	96.3%	80	97.6%	46	56.1%	83.3%
	12410	132	16	12.1%	130	98.5%	16	12.1%	40.9%
	12490	5	5	100.0%	5	100.0%	5	100.0%	100.0%
	12910	34	34	100.0%	34	100.0%	9	26.5%	75.5%
	13450	43	42	97.7%	43	100.0%	43	100.0%	99.2%
	13990	112	108	96.4%	112	100.0%	109	97.3%	97.9%
	14670	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	15750	28	28	100.0%	20	71.4%	17	60.7%	77.4%
	16230	7	7	100.0%	7	100.0%	7	100.0%	100.0%
	16570	27	27	100.0%	25	92.6%	27	100.0%	97.5%
	17830	852	828	97.2%	827	97.1%	852	100.0%	98.1%
	18690	37	37	100.0%	37	100.0%	35	94.6%	98.2%
	18750	21	20	95.2%	21	100.0%	14	66.7%	87.3%
	19810	15	15	100.0%	15	100.0%	15	100.0%	100.0%
	21650	10	10	100.0%	10	100.0%	9	90.0%	96.7%
22390	6	6	100.0%	5	83.3%	6	100.0%	94.4%	
23510	1	1	100.0%	1	100.0%	1	100.0%	100.0%	
Blue Ridge Total		2,724	2,546	93.5%	2,676	98.2%	2,105	77.3%	89.7%
Central Shenandoah	10810	465	457	98.3%	456	98.1%	456	98.1%	98.1%
	10830	5	5	100.0%	5	100.0%	4	80.0%	93.3%
	10930	10	10	100.0%	10	100.0%	10	100.0%	100.0%
	10950	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	11550	95	94	98.9%	92	96.8%	77	81.1%	92.3%
	11590	63	62	98.4%	57	90.5%	32	50.8%	79.9%
	11850	123	123	100.0%	120	97.6%	98	79.7%	92.4%
	12890	72	72	100.0%	70	97.2%	58	80.6%	92.6%
	12970	19	17	89.5%	15	78.9%	17	89.5%	86.0%
	13070	1	1	100.0%	1	100.0%		0.0%	66.7%
	13110	3	2	66.7%	2	66.7%	1	33.3%	55.6%
	13270	58	58	100.0%	41	70.7%	32	55.2%	75.3%
	13610	1	1	100.0%		0.0%		0.0%	33.3%
	13930	7	7	100.0%	7	100.0%	7	100.0%	100.0%
	14070	1	1	100.0%	1	100.0%		0.0%	66.7%
	14450	8	8	100.0%	8	100.0%	8	100.0%	100.0%
	14490	77	77	100.0%	75	97.4%	11	14.3%	70.6%
	14730	44	43	97.7%	42	95.5%	43	97.7%	97.0%
	15430	210	207	98.6%	210	100.0%	158	75.2%	91.3%
	15670	67	66	98.5%	67	100.0%	66	98.5%	99.0%
	15830	23	22	95.7%	23	100.0%	23	100.0%	98.6%
	16030	73	73	100.0%	71	97.3%	70	95.9%	97.7%
	16250	1,083	1,036	95.7%	954	88.1%	809	74.7%	86.1%
	16390	27	27	100.0%	24	88.9%	18	66.7%	85.2%
16550	81	72	88.9%	75	92.6%	72	88.9%	90.1%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Central Shenandoah (cont.)	16970	15	14	93.3%	14	93.3%	9	60.0%	82.2%
	17470	240	236	98.3%	240	100.0%	240	100.0%	99.4%
	18570	6	6	100.0%	5	83.3%	5	83.3%	88.9%
	18870	31	31	100.0%	29	93.5%	20	64.5%	86.0%
	19050	11	10	90.9%	10	90.9%	8	72.7%	84.8%
	20330	17	17	100.0%	17	100.0%	15	88.2%	96.1%
	21210	494	482	97.6%	410	83.0%	345	69.8%	83.5%
	21850	13	12	92.3%	10	76.9%	4	30.8%	66.7%
	22310	805	777	96.5%	794	98.6%	800	99.4%	98.2%
	22550	195	189	96.9%	189	96.9%	171	87.7%	93.8%
	23930	594	581	97.8%	594	100.0%	591	99.5%	99.1%
Central Shenandoah Total		5,040	4,899	97.2%	4,741	94.1%	4,281	84.9%	92.1%
Lord Fairfax	13130	161	154	95.7%	158	98.1%	81	50.3%	81.4%
	13470	9	9	100.0%	9	100.0%	9	100.0%	100.0%
	15230	2	2	100.0%	1	50.0%	2	100.0%	83.3%
	15310	782	758	96.9%	778	99.5%	577	73.8%	90.1%
	15410	21	17	81.0%	21	100.0%	20	95.2%	92.1%
	18830	51	51	100.0%	51	100.0%	51	100.0%	100.0%
	19710	17	17	100.0%	17	100.0%	17	100.0%	100.0%
	19750	154	145	94.2%	141	91.6%	89	57.8%	81.2%
	20990	4	4	100.0%	3	75.0%	4	100.0%	91.7%
	21710	286	282	98.6%	282	98.6%	250	87.4%	94.9%
	22510	4	4	100.0%	3	75.0%	3	75.0%	83.3%
	23310	5	5	100.0%	5	100.0%	4	80.0%	93.3%
	23790	284	275	96.8%	281	98.9%	203	71.5%	89.1%
	24190	600	579	96.5%	599	99.8%	598	99.7%	98.7%
24290	235	229	97.4%	234	99.6%	230	97.9%	98.3%	
Lord Fairfax Total		2,615	2,531	96.8%	2,583	98.8%	2,138	81.8%	92.4%
Northern Virginia	10330	1,525	1,481	97.1%	1,327	87.0%		0.0%	61.4%
	10690	36	34	94.4%	29	80.6%	35	97.2%	90.7%
	10710	1,851	1,806	97.6%	1,843	99.6%	1,804	97.5%	98.2%
	10730	148	145	98.0%	127	85.8%	115	77.7%	87.2%
	11790	35	34	97.1%	34	97.1%	32	91.4%	95.2%
	12950	369	314	85.1%	283	76.7%	223	60.4%	74.1%
	12990	442	432	97.7%	442	100.0%	429	97.1%	98.3%
	13010	198	196	99.0%	197	99.5%	183	92.4%	97.0%
	13750	153	148	96.7%	132	86.3%	147	96.1%	93.0%
	14190	36	35	97.2%	34	94.4%	35	97.2%	96.3%
	14690	7,158	7,031	98.2%	7,043	98.4%	5,137	71.8%	89.5%
	14710	32	30	93.8%	30	93.8%	31	96.9%	94.8%
	15850	10	10	100.0%	10	100.0%	6	60.0%	86.7%
	16150	50	48	96.0%	39	78.0%	24	48.0%	74.0%
	17190	17	17	100.0%	13	76.5%	14	82.4%	86.3%
	17670	1,634	1,576	96.5%	1,474	90.2%	1,350	82.6%	89.8%
	17690	170	167	98.2%	143	84.1%	165	97.1%	93.1%
	17750	26	25	96.2%	23	88.5%	19	73.1%	85.9%
	19230	80	78	97.5%	59	73.8%	70	87.5%	86.3%
	19530	137	130	94.9%	96	70.1%	132	96.4%	87.1%
	19970	505	503	99.6%	504	99.8%	501	99.2%	99.5%
	20030	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	20270	3,616	3,493	96.6%	2,859	79.1%	3,057	84.5%	86.7%
20410	169	168	99.4%	129	76.3%	96	56.8%	77.5%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Northern Virginia (cont.)	21270	1	1	100.0%	1	100.0%		0.0%	66.7%
	22350	4	2	50.0%	3	75.0%	2	50.0%	58.3%
	22370	631	609	96.5%	540	85.6%	587	93.0%	91.7%
	22450	181	169	93.4%	127	70.2%	161	89.0%	84.2%
	22710	1	1	100.0%		0.0%	1	100.0%	66.7%
Northern Virginia Total		19,217	18,685	97.2%	17,543	91.3%	14,358	74.7%	87.7%
Old Dominion	10230	197	196	99.5%	197	100.0%	195	99.0%	99.5%
	10290	29	28	96.6%	29	100.0%	29	100.0%	98.9%
	10410	170	170	100.0%	170	100.0%	170	100.0%	100.0%
	10450	150	144	96.0%	149	99.3%	149	99.3%	98.2%
	11070	45	44	97.8%	43	95.6%	38	84.4%	92.6%
	11470	76	73	96.1%	76	100.0%	69	90.8%	95.6%
	11750	46	46	100.0%	46	100.0%	46	100.0%	100.0%
	11810	200	197	98.5%	197	98.5%	135	67.5%	88.2%
	11890	72	72	100.0%	72	100.0%	69	95.8%	98.6%
	12230	31	31	100.0%	29	93.5%	31	100.0%	97.8%
	12430	48	48	100.0%	48	100.0%	46	95.8%	98.6%
	12530	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	12570	147	146	99.3%	147	100.0%	147	100.0%	99.8%
	12650	62	60	96.8%	62	100.0%	62	100.0%	98.9%
	12750	3,669	3,583	97.7%	3,650	99.5%	3,120	85.0%	94.1%
	13370	470	461	98.1%	469	99.8%	469	99.8%	99.2%
	13730	38	37	97.4%	38	100.0%	36	94.7%	97.4%
	13950	5	4	80.0%	5	100.0%	5	100.0%	93.3%
	13970	5	5	100.0%	5	100.0%	5	100.0%	100.0%
	14030	121	119	98.3%	121	100.0%	121	100.0%	99.4%
	14270	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	14570	71	70	98.6%	71	100.0%	69	97.2%	98.6%
	14610	101	98	97.0%	101	100.0%	94	93.1%	96.7%
	15030	364	358	98.4%	361	99.2%	355	97.5%	98.4%
	15050	13	13	100.0%	13	100.0%	5	38.5%	79.5%
	15210	18	18	100.0%	18	100.0%	17	94.4%	98.1%
	15730	314	311	99.0%	243	77.4%	206	65.6%	80.7%
	15950	147	141	95.9%	143	97.3%	146	99.3%	97.5%
	16110	450	436	96.9%	450	100.0%	445	98.9%	98.6%
	16170	1		0.0%	1	100.0%	1	100.0%	66.7%
	16210	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	16310	4,723	4,574	96.8%	3,883	82.2%	3,347	70.9%	83.3%
	16330	76	76	100.0%	73	96.1%	38	50.0%	82.0%
	16370	1		0.0%		0.0%		0.0%	0.0%
	16470	7	7	100.0%	7	100.0%	7	100.0%	100.0%
	16490	220	213	96.8%	220	100.0%	215	97.7%	98.2%
16510	184	182	98.9%	184	100.0%	184	100.0%	99.6%	
16910	40	40	100.0%	40	100.0%	40	100.0%	100.0%	
17250	227	225	99.1%	223	98.2%	174	76.7%	91.3%	
17570	19	18	94.7%	19	100.0%	11	57.9%	84.2%	
17930	118	113	95.8%	116	98.3%	67	56.8%	83.6%	
18190	76	72	94.7%	75	98.7%	75	98.7%	97.4%	
18310	34	33	97.1%	34	100.0%	34	100.0%	99.0%	
19070	286	286	100.0%	286	100.0%	286	100.0%	100.0%	
19350	75	73	97.3%	74	98.7%	75	100.0%	98.7%	
19490	191	186	97.4%	190	99.5%	190	99.5%	98.8%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Old Dominion (cont.)	19870	82	78	95.1%	81	98.8%	82	100.0%	98.0%
	19950	233	220	94.4%	231	99.1%	230	98.7%	97.4%
	20150	12	9	75.0%	12	100.0%	11	91.7%	88.9%
	20170	226	220	97.3%	224	99.1%	216	95.6%	97.3%
	20230	387	371	95.9%	387	100.0%	387	100.0%	98.6%
	20250	303	295	97.4%	303	100.0%	300	99.0%	98.8%
	20310	10	10	100.0%	10	100.0%	10	100.0%	100.0%
	20790	4,352	4,295	98.7%	4,343	99.8%	4,310	99.0%	99.2%
	20870	32	31	96.9%	32	100.0%	30	93.8%	96.9%
	22030	197	189	95.9%	197	100.0%	166	84.3%	93.4%
	22050	565	550	97.3%	564	99.8%	561	99.3%	98.8%
	22470	48	47	97.9%	47	97.9%	46	95.8%	97.2%
	22650	70	67	95.7%	70	100.0%	68	97.1%	97.6%
	23110	646	622	96.3%	534	82.7%	193	29.9%	69.6%
	23150	22	22	100.0%	21	95.5%	22	100.0%	98.5%
	23430	65	64	98.5%	65	100.0%	64	98.5%	99.0%
	23650	191	191	100.0%	191	100.0%	189	99.0%	99.7%
23910	95	91	95.8%	95	100.0%	94	98.9%	98.2%	
Old Dominion Total		20,881	20,387	97.6%	19,793	94.8%	18,010	86.3%	92.9%
Peninsulas	10110	186	181	97.3%	186	100.0%	182	97.8%	98.4%
	11970	10	10	100.0%	10	100.0%	10	100.0%	100.0%
	12450	79	77	97.5%	79	100.0%	79	100.0%	99.2%
	13330	43	43	100.0%	43	100.0%	43	100.0%	100.0%
	14590	169	161	95.3%	168	99.4%	166	98.2%	97.6%
	15690	330	328	99.4%	328	99.4%	327	99.1%	99.3%
	16190	2,212	2,181	98.6%	2,210	99.9%	2,205	99.7%	99.4%
	16290	7		0.0%	6	85.7%		0.0%	28.6%
	16710	1,169	1,169	100.0%	1,169	100.0%	1,169	100.0%	100.0%
	16990	42	42	100.0%	42	100.0%	42	100.0%	100.0%
	17010	21	21	100.0%	21	100.0%	21	100.0%	100.0%
	17030	14	14	100.0%	14	100.0%	14	100.0%	100.0%
	17110	79	78	98.7%	79	100.0%	79	100.0%	99.6%
	17270	151	150	99.3%	151	100.0%	150	99.3%	99.6%
	17770	29	29	100.0%	29	100.0%	29	100.0%	100.0%
	17950	17	17	100.0%	17	100.0%	17	100.0%	100.0%
	18090	88	86	97.7%	87	98.9%	80	90.9%	95.8%
	18110	28	27	96.4%	28	100.0%	27	96.4%	97.6%
	18470	9	9	100.0%	9	100.0%	9	100.0%	100.0%
	18530	111	109	98.2%	107	96.4%	74	66.7%	87.1%
	18730	17	17	100.0%	17	100.0%	17	100.0%	100.0%
	19110	2,888	2,860	99.0%	2,888	100.0%	2,888	100.0%	99.7%
	19130	88	85	96.6%	88	100.0%	86	97.7%	98.1%
	19430	26	26	100.0%	26	100.0%	26	100.0%	100.0%
	19450	45	44	97.8%	45	100.0%	43	95.6%	97.8%
	20090	89	86	96.6%	89	100.0%	88	98.9%	98.5%
	20810	142	140	98.6%	142	100.0%	142	100.0%	99.5%
	21010	6	6	100.0%	6	100.0%	6	100.0%	100.0%
	23210	8	8	100.0%	8	100.0%	6	75.0%	91.7%
	23970	38	38	100.0%	36	94.7%	30	78.9%	91.2%
24010	155	153	98.7%	155	100.0%	154	99.4%	99.4%	
24030	3	3	100.0%	3	100.0%	3	100.0%	100.0%	
24170	355	350	98.6%	286	80.6%	131	36.9%	72.0%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Peninsulas (cont.)	24350	484	472	97.5%	483	99.8%	483	99.8%	99.0%
Peninsulas Total		9,138	9,020	98.7%	9,055	99.1%	8,826	96.6%	98.1%
Rappahannock	10550	57	55	96.5%	42	73.7%	27	47.4%	72.5%
	12150	171	169	98.8%	169	98.8%	153	89.5%	95.7%
	12270	4	4	100.0%	3	75.0%	4	100.0%	91.7%
	12330	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	12510	87	84	96.6%	87	100.0%	86	98.9%	98.5%
	12730	15	14	93.3%	1	6.7%	2	13.3%	37.8%
	13690	384	366	95.3%	383	99.7%	368	95.8%	97.0%
	13710	133	128	96.2%	133	100.0%	130	97.7%	98.0%
	14810	921	907	98.5%	856	92.9%	493	53.5%	81.7%
	14930	5	5	100.0%	5	100.0%		0.0%	66.7%
	15090	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	15330	308	298	96.8%	304	98.7%	270	87.7%	94.4%
	15350	142	136	95.8%	140	98.6%	106	74.6%	89.7%
	15710	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	17050	282	279	98.9%	281	99.6%	279	98.9%	99.2%
	17230	60	59	98.3%	60	100.0%	60	100.0%	99.4%
	17530	137	125	91.2%	122	89.1%	115	83.9%	88.1%
	17590	46	45	97.8%	42	91.3%	35	76.1%	88.4%
	17630	4	2	50.0%	2	50.0%	1	25.0%	41.7%
	19010	8	8	100.0%	6	75.0%	2	25.0%	66.7%
	19730	6	4	66.7%	6	100.0%	1	16.7%	61.1%
	20430	124	117	94.4%	124	100.0%	121	97.6%	97.3%
	20630	18	18	100.0%	18	100.0%	4	22.2%	74.1%
	20690	9	8	88.9%	7	77.8%	5	55.6%	74.1%
	20770	34	34	100.0%	34	100.0%	34	100.0%	100.0%
	21410	6	6	100.0%	6	100.0%	6	100.0%	100.0%
	22110	29	29	100.0%	29	100.0%	25	86.2%	95.4%
	22130	1,315	1,293	98.3%	1,314	99.9%	1,300	98.9%	99.0%
	22150	396	384	97.0%	396	100.0%	387	97.7%	98.2%
	22190	1,066	1,032	96.8%	1,055	99.0%	1,049	98.4%	98.1%
	22850	1	1	100.0%	1	100.0%		0.0%	66.7%
	23250	29	28	96.6%	28	96.6%	27	93.1%	95.4%
	23890	25	25	100.0%	25	100.0%	19	76.0%	92.0%
Rappahannock Total		5,825	5,666	97.3%	5,682	97.5%	5,112	87.8%	94.2%
Southwest Virginia	10070	41	39	95.1%	40	97.6%	38	92.7%	95.1%
	10090	54	54	100.0%	54	100.0%	33	61.1%	87.0%
	10610	88	86	97.7%	88	100.0%	78	88.6%	95.5%
	10970	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	11150	140	137	97.9%	136	97.1%	94	67.1%	87.4%
	11250	26	26	100.0%	26	100.0%	23	88.5%	96.2%
	11350	137	134	97.8%	137	100.0%	136	99.3%	99.0%
	11570	355	343	96.6%	299	84.2%	355	100.0%	93.6%
	12050	28	25	89.3%	28	100.0%	25	89.3%	92.9%
	12190	362	358	98.9%	362	100.0%	360	99.4%	99.4%
	12290	64	61	95.3%	61	95.3%	64	100.0%	96.9%
	12790	46	46	100.0%	46	100.0%	28	60.9%	87.0%
	12830	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	13170	20	18	90.0%	20	100.0%	18	90.0%	93.3%
	13250	129	127	98.4%	129	100.0%	92	71.3%	89.9%
	13790	21	21	100.0%	21	100.0%	21	100.0%	100.0%

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Southwest Virginia (cont.)	13810	35	35	100.0%	35	100.0%	34	97.1%	99.0%
	13870	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	14010	39	35	89.7%	39	100.0%	39	100.0%	96.6%
	14050	18	15	83.3%	17	94.4%	16	88.9%	88.9%
	14150	115	114	99.1%	115	100.0%	115	100.0%	99.7%
	14470	4	2	50.0%	3	75.0%	3	75.0%	66.7%
	15370	14	14	100.0%	14	100.0%	2	14.3%	71.4%
	15390	33	32	97.0%	33	100.0%	33	100.0%	99.0%
	15490	221	219	99.1%	221	100.0%	221	100.0%	99.7%
	15630	5	5	100.0%	5	100.0%	2	40.0%	80.0%
	15770	70	68	97.1%	70	100.0%	70	100.0%	99.0%
	16070	57	54	94.7%	57	100.0%	51	89.5%	94.7%
	16270	37	37	100.0%	37	100.0%	26	70.3%	90.1%
	16410	9	8	88.9%	9	100.0%	8	88.9%	92.6%
	16590	86	85	98.8%	86	100.0%	83	96.5%	98.4%
	16770	11	10	90.9%	11	100.0%	11	100.0%	97.0%
	16850	97	96	99.0%	96	99.0%	95	97.9%	98.6%
	16950	4	2	50.0%	4	100.0%	2	50.0%	66.7%
	17310	17	16	94.1%	17	100.0%	17	100.0%	98.0%
	17350	8	8	100.0%	8	100.0%	8	100.0%	100.0%
	17390	116	111	95.7%	116	100.0%	116	100.0%	98.6%
	17410	178	173	97.2%	172	96.6%	79	44.4%	79.4%
	17430	146	143	97.9%	144	98.6%	144	98.6%	98.4%
	17510	7	7	100.0%	7	100.0%	7	100.0%	100.0%
	18370	99	99	100.0%	99	100.0%	96	97.0%	99.0%
	18850	22	22	100.0%	13	59.1%	1	4.5%	54.5%
	19030	73	69	94.5%	73	100.0%	71	97.3%	97.3%
	19190	59	59	100.0%	45	76.3%	42	71.2%	82.5%
	19470	108	107	99.1%	107	99.1%	105	97.2%	98.5%
	19590	59	59	100.0%	59	100.0%	59	100.0%	100.0%
	20050	58	58	100.0%	58	100.0%	58	100.0%	100.0%
	20130	67	66	98.5%	65	97.0%	64	95.5%	97.0%
	20190	43	43	100.0%	43	100.0%	43	100.0%	100.0%
	20670	88	87	98.9%	88	100.0%	83	94.3%	97.7%
	20750	57	56	98.2%	56	98.2%	37	64.9%	87.1%
	21310	13	13	100.0%	13	100.0%	13	100.0%	100.0%
	21330	59	57	96.6%	59	100.0%	58	98.3%	98.3%
	21430	51	51	100.0%	51	100.0%	3	5.9%	68.6%
	21470	14	13	92.9%	13	92.9%	5	35.7%	73.8%
	21510	194	191	98.5%	192	99.0%	187	96.4%	97.9%
	21930	61	59	96.7%	61	100.0%	56	91.8%	96.2%
	22170	4	3	75.0%	4	100.0%	4	100.0%	91.7%
	22610	13	12	92.3%	13	100.0%	12	92.3%	94.9%
	22750	4	3	75.0%	4	100.0%	4	100.0%	91.7%
	22870	46	46	100.0%	46	100.0%	46	100.0%	100.0%
22890	2	2	100.0%	2	100.0%	1	50.0%	83.3%	
22970	106	104	98.1%	104	98.1%	71	67.0%	87.7%	
23010	161	155	96.3%	158	98.1%	157	97.5%	97.3%	
23030	212	206	97.2%	211	99.5%	202	95.3%	97.3%	
23050	226	224	99.1%	226	100.0%	196	86.7%	95.3%	
23090	5	5	100.0%	5	100.0%	5	100.0%	100.0%	
23330	14	14	100.0%	14	100.0%	10	71.4%	90.5%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Southwest Virginia (cont.)	23350	15	15	100.0%	15	100.0%	13	86.7%	95.6%
	23670	142	140	98.6%	142	100.0%	141	99.3%	99.3%
	23850	101	99	98.0%	98	97.0%	101	100.0%	98.3%
	23870	193	193	100.0%	193	100.0%	185	95.9%	98.6%
	24270	124	121	97.6%	123	99.2%	123	99.2%	98.7%
	24310	201	192	95.5%	200	99.5%	200	99.5%	98.2%
Southwest Virginia Total		5,537	5,412	97.7%	5,421	97.9%	5,004	90.4%	95.3%
Thomas Jefferson	10270	1,145	1,132	98.9%	1,092	95.4%	599	52.3%	82.2%
	12610	81	77	95.1%	75	92.6%	73	90.1%	92.6%
	12630	1,278	1,245	97.4%	1,142	89.4%	978	76.5%	87.8%
	14350	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	14990	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	15010	135	130	96.3%	131	97.0%	132	97.8%	97.0%
	15650	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	15910	307	302	98.4%	303	98.7%	278	90.6%	95.9%
	15930	40	40	100.0%	39	97.5%	37	92.5%	96.7%
	17210	161	158	98.1%	160	99.4%	147	91.3%	96.3%
	17710	661	651	98.5%	588	89.0%	525	79.4%	89.0%
	17870	103	100	97.1%	103	100.0%	103	100.0%	99.0%
	17890	48	48	100.0%	46	95.8%	46	95.8%	97.2%
	18990	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	19930	67	67	100.0%	67	100.0%	65	97.0%	99.0%
	21170	5	5	100.0%	5	100.0%	5	100.0%	100.0%
	21230	18	18	100.0%	18	100.0%	16	88.9%	96.3%
	21550	51	50	98.0%	51	100.0%	37	72.5%	90.2%
	21630	1		0.0%	1	100.0%	1	100.0%	66.7%
	23270	4	4	100.0%	4	100.0%	3	75.0%	91.7%
	23290	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	23990	263	259	98.5%	242	92.0%	110	41.8%	77.4%
	24250	249	241	96.8%	249	100.0%	248	99.6%	98.8%
Thomas Jefferson Total		4,626	4,536	98.1%	4,325	93.5%	3,412	73.8%	88.4%
Tidewater	10130	352	346	98.3%	352	100.0%	313	88.9%	95.7%
	11490	35	34	97.1%	35	100.0%	35	100.0%	99.0%
	12070	6	6	100.0%	6	100.0%	6	100.0%	100.0%
	12090	27	26	96.3%	26	96.3%	26	96.3%	96.3%
	12210	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	12710	1,857	1,831	98.6%	1,752	94.3%	1,563	84.2%	92.4%
	12810	51	51	100.0%	51	100.0%	51	100.0%	100.0%
	13090	6,071	5,951	98.0%	5,305	87.4%	6,028	99.3%	94.9%
	13430	17	17	100.0%	17	100.0%	17	100.0%	100.0%
	13530	73	70	95.9%	73	100.0%	73	100.0%	98.6%
	15290	216	213	98.6%	216	100.0%	215	99.5%	99.4%
	15890	4	4	100.0%	4	100.0%	4	100.0%	100.0%
	16650	313	305	97.4%	313	100.0%	312	99.7%	99.0%
	16670	21	21	100.0%	21	100.0%	21	100.0%	100.0%
	16690	20	20	100.0%	20	100.0%	20	100.0%	100.0%
	18130	2	2	100.0%	2	100.0%		0.0%	66.7%
	18250	11	11	100.0%	11	100.0%	11	100.0%	100.0%
	18330	20	20	100.0%	17	85.0%	16	80.0%	88.3%
	18650	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	18890	13	13	100.0%	13	100.0%	13	100.0%	100.0%
	19210	206	206	100.0%	204	99.0%	206	100.0%	99.7%

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Tidewater (cont.)	19290	1,102	1,088	98.7%	1,101	99.9%	1,100	99.8%	99.5%
	19390	214	210	98.1%	212	99.1%	214	100.0%	99.1%
	19410	18	18	100.0%	11	61.1%	11	61.1%	74.1%
	19570	1	1	100.0%	1	100.0%		0.0%	66.7%
	19650	31	31	100.0%	31	100.0%	30	96.8%	98.9%
	19830	5	5	100.0%	5	100.0%	1	20.0%	73.3%
	20110	1,728	1,679	97.2%	1,664	96.3%	1,204	69.7%	87.7%
	20610	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	21490	2	2	100.0%	1	50.0%	2	100.0%	83.3%
	21810	1	1	100.0%	1	100.0%		0.0%	66.7%
	22090	1	1	100.0%	1	100.0%	1	100.0%	100.0%
	22590	902	886	98.2%	734	81.4%	407	45.1%	74.9%
	22910	4	4	100.0%	4	100.0%	4	100.0%	100.0%
	22930	384	370	96.4%	376	97.9%	273	71.1%	88.5%
	23730	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	24210	4	4	100.0%	4	100.0%	4	100.0%	100.0%
Tidewater Total		13,721	13,456	98.1%	12,593	91.8%	12,190	88.8%	92.9%
Western Virginia	10010	2	1	50.0%	2	100.0%	2	100.0%	83.3%
	10670	17	15	88.2%	16	94.1%	16	94.1%	92.2%
	10850	13	12	92.3%	13	100.0%	11	84.6%	92.3%
	10890	100	95	95.0%	99	99.0%	65	65.0%	86.3%
	11170	442	433	98.0%	399	90.3%	442	100.0%	96.1%
	11230	56	55	98.2%	56	100.0%	55	98.2%	98.8%
	11310	12	10	83.3%	12	100.0%	12	100.0%	94.4%
	11330	10	10	100.0%	10	100.0%	10	100.0%	100.0%
	11390	4	4	100.0%	4	100.0%	4	100.0%	100.0%
	11430	257	249	96.9%	252	98.1%	257	100.0%	98.3%
	11690	23	22	95.7%	22	95.7%	22	95.7%	95.7%
	11950	9	9	100.0%	9	100.0%	9	100.0%	100.0%
	12130	114	113	99.1%	114	100.0%	114	100.0%	99.7%
	12350	117	112	95.7%	117	100.0%	117	100.0%	98.6%
	12370	15	14	93.3%	15	100.0%	15	100.0%	97.8%
	12390	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	12670	30	29	96.7%	30	100.0%	29	96.7%	97.8%
	12850	535	529	98.9%	534	99.8%	535	100.0%	99.6%
	13210	147	141	95.9%	147	100.0%	141	95.9%	97.3%
	13490	28	27	96.4%	27	96.4%	27	96.4%	96.4%
	13550	93	88	94.6%	91	97.8%	78	83.9%	92.1%
	13570	42	42	100.0%	42	100.0%	42	100.0%	100.0%
	13590	15	15	100.0%	15	100.0%	14	93.3%	97.8%
	13850	535	507	94.8%	523	97.8%	518	96.8%	96.4%
	14230	21	20	95.2%	21	100.0%	21	100.0%	98.4%
	14310	8	8	100.0%	6	75.0%	8	100.0%	91.7%
	14770	23	22	95.7%	23	100.0%	22	95.7%	97.1%
	14850	155	150	96.8%	154	99.4%	151	97.4%	97.8%
	14870	2	2	100.0%	2	100.0%	2	100.0%	100.0%
	14950	95	93	97.9%	94	98.9%	94	98.9%	98.6%
	14970	13	12	92.3%	11	84.6%	13	100.0%	92.3%
15250	401	389	97.0%	394	98.3%	349	87.0%	94.1%	
15270	56	56	100.0%	53	94.6%	44	78.6%	91.1%	
15590	33	32	97.0%	32	97.0%	24	72.7%	88.9%	
16010	19	18	94.7%	19	100.0%	8	42.1%	78.9%	

Supplemental Table 2. Trauma Patients Vital Signs Data Quality Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Number of Trauma Patients	Patients with Systolic BP	Percent with Systolic BP	Patients with Resp Rate	Percent with Resp Rate	Patients with GCS Total	Percent with GCS Total	Overall Percent
Western Virginia (cont.)	16350	463	452	97.6%	458	98.9%	397	85.7%	94.1%
	16630	12	12	100.0%	12	100.0%	4	33.3%	77.8%
	16790	87	83	95.4%	86	98.9%	86	98.9%	97.7%
	17330	5	5	100.0%	5	100.0%	5	100.0%	100.0%
	17650	7	7	100.0%	6	85.7%	7	100.0%	95.2%
	18070	268	264	98.5%	265	98.9%	193	72.0%	89.8%
	18270	167	167	100.0%	167	100.0%	167	100.0%	100.0%
	18790	8	8	100.0%	8	100.0%	8	100.0%	100.0%
	18810	39	39	100.0%	38	97.4%	38	97.4%	98.3%
	19150	15	15	100.0%	15	100.0%		0.0%	66.7%
	19770	2	2	100.0%	2	100.0%	1	50.0%	83.3%
	19890	14	14	100.0%	14	100.0%	14	100.0%	100.0%
	20490	149	148	99.3%	149	100.0%	149	100.0%	99.8%
	20550	27	26	96.3%	27	100.0%	27	100.0%	98.8%
	20570	535	527	98.5%	535	100.0%	514	96.1%	98.2%
	20590	229	226	98.7%	227	99.1%	224	97.8%	98.5%
	20890	138	134	97.1%	128	92.8%	111	80.4%	90.1%
	20910	70	68	97.1%	54	77.1%	70	100.0%	91.4%
	20930	39	39	100.0%	39	100.0%	37	94.9%	98.3%
	21030	719	707	98.3%	719	100.0%	719	100.0%	99.4%
	21050	20	20	100.0%	20	100.0%	20	100.0%	100.0%
	21070	34	34	100.0%	33	97.1%	17	50.0%	82.4%
	21090	2,333	2,272	97.4%	2,267	97.2%	561	24.0%	72.9%
	21370	443	433	97.7%	438	98.9%	433	97.7%	98.1%
	21390	23	22	95.7%	22	95.7%	22	95.7%	95.7%
	21570	15	15	100.0%	15	100.0%	15	100.0%	100.0%
	21690	60	58	96.7%	57	95.0%	60	100.0%	97.2%
	21910	31	29	93.5%	30	96.8%	30	96.8%	95.7%
	22430	58	56	96.6%	55	94.8%	43	74.1%	88.5%
	22530	1		0.0%	1	100.0%		0.0%	33.3%
23130	55	54	98.2%	55	100.0%	55	100.0%	99.4%	
23410	9	9	100.0%	8	88.9%	9	100.0%	96.3%	
23450	80	79	98.8%	80	100.0%	80	100.0%	99.6%	
23470	82	79	96.3%	82	100.0%	82	100.0%	98.8%	
23710	182	180	98.9%	182	100.0%	182	100.0%	99.6%	
24070	12	9	75.0%	12	100.0%	9	75.0%	83.3%	
24330	33	13	39.4%	15	45.5%	20	60.6%	48.5%	
Western Virginia Total		9,909	9,642	97.3%	9,687	97.8%	7,683	77.5%	90.9%
Out of State	10190	3	3	100.0%	3	100.0%	2	66.7%	88.9%
	10250	74	74	100.0%	74	100.0%	74	100.0%	100.0%
	10390	18	18	100.0%	18	100.0%	18	100.0%	100.0%
	10490	169	166	98.2%	167	98.8%	167	98.8%	98.6%
	18290	127	123	96.9%	126	99.2%	125	98.4%	98.2%
	18390	410	407	99.3%	385	93.9%	182	44.4%	79.2%
	18430	3	3	100.0%	3	100.0%	3	100.0%	100.0%
	20650	15	15	100.0%	15	100.0%	15	100.0%	100.0%
Out of State Total		819	809	98.8%	791	96.6%	586	71.6%	89.0%
Grand Total		100,052	97,589	97.5%	94,890	94.8%	83,705	83.7%	92.0%

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Blue Ridge	10370	5	197	1	203	2.5%
	10510	2	40	0	42	4.8%
	10630	19	124	0	143	13.3%
	11030	43	425	0	468	9.2%
	11050	0	13	0	13	0.0%
	11130	1	2	0	3	33.3%
	11410	0	4	0	4	0.0%
	11650	0	1	0	1	0.0%
	12010	35	399	0	434	8.1%
	12030	6	76	0	82	7.3%
	12410	2	128	2	132	1.5%
	12490	0	5	0	5	0.0%
	12910	0	34	0	34	0.0%
	13450	3	40	0	43	7.0%
	13990	17	95	0	112	15.2%
	14670	0	1	0	1	0.0%
	15750	2	26	0	28	7.1%
	16230	0	7	0	7	0.0%
	16570	1	26	0	27	3.7%
	17830	62	790	0	852	7.3%
18690	2	35	0	37	5.4%	
18750	0	21	0	21	0.0%	
19810	1	14	0	15	6.7%	
21650	1	9	0	10	10.0%	
22390	0	6	0	6	0.0%	
23510	0	1	0	1	0.0%	
Blue Ridge Total		202	2,519	3	2,724	7.4%
Central Shenandoah	10810	25	440	0	465	5.4%
	10830	0	5	0	5	0.0%
	10930	1	9	0	10	10.0%
	10950	0	3	0	3	0.0%
	11550	4	91	0	95	4.2%
	11590	5	57	1	63	7.9%
	11850	10	113	0	123	8.1%
	12890	4	68	0	72	5.6%
	12970	4	14	1	19	21.1%
	13070	0	1	0	1	0.0%
	13110	0	2	1	3	0.0%
	13270	4	54	0	58	6.9%
	13610	0	1	0	1	0.0%
	13930	0	7	0	7	0.0%
	14070	0	0	1	1	0.0%
	14450	0	8	0	8	0.0%
	14490	0	77	0	77	0.0%
	14730	4	40	0	44	9.1%
	15430	16	194	0	210	7.6%
	15670	1	66	0	67	1.5%
	15830	0	23	0	23	0.0%
	16030	4	69	0	73	5.5%
	16250	44	1,030	9	1,083	4.1%
16390	1	26	0	27	3.7%	
16550	7	74	0	81	8.6%	
16970	0	15	0	15	0.0%	
17470	10	230	0	240	4.2%	

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Central Shenandoah (cont.)	18570	0	6	0	6	0.0%
	18870	3	28	0	31	9.7%
	19050	1	10	0	11	9.1%
	20330	2	15	0	17	11.8%
	21210	25	466	3	494	5.1%
	21850	0	12	1	13	0.0%
	22310	44	761	0	805	5.5%
	22550	7	188	0	195	3.6%
	23930	36	558	0	594	6.1%
Central Shenandoah Total		262	4,761	17	5,040	5.2%
Lord Fairfax	13130	13	147	1	161	8.1%
	13470	0	9	0	9	0.0%
	15230	0	2	0	2	0.0%
	15310	60	721	1	782	7.7%
	15410	3	18	0	21	14.3%
	18830	4	47	0	51	7.8%
	19710	1	16	0	17	5.9%
	19750	7	146	1	154	4.5%
	20990	0	4	0	4	0.0%
	21710	20	265	1	286	7.0%
	22510	0	4	0	4	0.0%
	23310	1	4	0	5	20.0%
	23790	16	267	1	284	5.6%
	24190	37	562	1	600	6.2%
	24290	15	220	0	235	6.4%
Lord Fairfax Total		177	2,432	6	2,615	6.8%
Northern Virginia	10330	87	1,428	10	1,525	5.7%
	10690	3	33	0	36	8.3%
	10710	128	1,721	2	1,851	6.9%
	10730	6	142	0	148	4.1%
	11790	0	35	0	35	0.0%
	12950	22	305	42	369	6.0%
	12990	26	416	0	442	5.9%
	13010	12	186	0	198	6.1%
	13750	12	139	2	153	7.8%
	14190	3	33	0	36	8.3%
	14690	407	6,741	10	7,158	5.7%
	14710	8	23	1	32	25.0%
	15850	0	10	0	10	0.0%
	16150	4	46	0	50	8.0%
	17190	1	16	0	17	5.9%
	17670	96	1,528	10	1,634	5.9%
	17690	20	150	0	170	11.8%
	17750	0	25	1	26	0.0%
	19230	5	74	1	80	6.3%
	19530	7	129	1	137	5.1%
	19970	212	293	0	505	42.0%
	20030	0	2	0	2	0.0%
	20270	615	2,984	17	3,616	17.0%
	20410	24	144	1	169	14.2%
	21270	0	1	0	1	0.0%
	22350	0	3	1	4	0.0%
	22370	36	593	2	631	5.7%
22450	3	175	3	181	1.7%	

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Northern Virginia (cont.)	22710	0	1	0	1	0.0%
Northern Virginia Total		1,737	17,376	104	19,217	9.0%
Old Dominion	10230	84	113	0	197	42.6%
	10290	3	26	0	29	10.3%
	10410	26	144	0	170	15.3%
	10450	9	140	1	150	6.0%
	11070	0	45	0	45	0.0%
	11470	6	70	0	76	7.9%
	11750	1	45	0	46	2.2%
	11810	4	196	0	200	2.0%
	11890	16	56	0	72	22.2%
	12230	7	24	0	31	22.6%
	12430	3	45	0	48	6.3%
	12530	0	2	0	2	0.0%
	12570	11	136	0	147	7.5%
	12650	6	56	0	62	9.7%
	12750	183	3,480	6	3,669	5.0%
	13370	23	447	0	470	4.9%
	13730	1	37	0	38	2.6%
	13950	0	5	0	5	0.0%
	13970	2	3	0	5	40.0%
	14030	7	114	0	121	5.8%
	14270	0	3	0	3	0.0%
	14570	8	63	0	71	11.3%
	14610	3	98	0	101	3.0%
	15030	18	344	2	364	4.9%
	15050	0	13	0	13	0.0%
	15210	0	18	0	18	0.0%
	15730	24	289	1	314	7.6%
	15950	8	139	0	147	5.4%
	16110	38	412	0	450	8.4%
	16170	0	1	0	1	0.0%
	16210	0	3	0	3	0.0%
	16310	260	4,435	28	4,723	5.5%
	16330	6	70	0	76	7.9%
	16370	0	0	1	1	0.0%
	16470	0	7	0	7	0.0%
	16490	10	210	0	220	4.5%
	16510	10	174	0	184	5.4%
	16910	2	38	0	40	5.0%
	17250	16	211	0	227	7.0%
	17570	0	19	0	19	0.0%
	17930	8	110	0	118	6.8%
18190	7	69	0	76	9.2%	
18310	3	31	0	34	8.8%	
19070	13	273	0	286	4.5%	
19350	10	65	0	75	13.3%	
19490	17	173	1	191	8.9%	
19870	6	76	0	82	7.3%	
19950	16	215	2	233	6.9%	
20150	1	11	0	12	8.3%	
20170	11	215	0	226	4.9%	
20230	29	358	0	387	7.5%	
20250	18	285	0	303	5.9%	

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Old Dominion (cont.)	20310	2	8	0	10	20.0%
	20790	289	4,060	3	4,352	6.6%
	20870	3	29	0	32	9.4%
	22030	9	188	0	197	4.6%
	22050	44	521	0	565	7.8%
	22470	4	44	0	48	8.3%
	22650	3	67	0	70	4.3%
	23110	25	611	10	646	3.9%
	23150	1	21	0	22	4.5%
	23430	10	55	0	65	15.4%
	23650	75	116	0	191	39.3%
23910	9	86	0	95	9.5%	
Old Dominion Total		1,408	19,418	55	20,881	6.7%
Peninsulas	10110	11	175	0	186	5.9%
	11970	3	7	0	10	30.0%
	12450	9	70	0	79	11.4%
	13330	3	40	0	43	7.0%
	14590	10	159	0	169	5.9%
	15690	19	311	0	330	5.8%
	16190	135	2,075	2	2,212	6.1%
	16290	0	6	1	7	0.0%
	16710	136	1,033	0	1,169	11.6%
	16990	5	37	0	42	11.9%
	17010	1	20	0	21	4.8%
	17030	0	14	0	14	0.0%
	17110	10	69	0	79	12.7%
	17270	10	141	0	151	6.6%
	17770	2	27	0	29	6.9%
	17950	2	15	0	17	11.8%
	18090	3	85	0	88	3.4%
	18110	0	28	0	28	0.0%
	18470	0	9	0	9	0.0%
	18530	5	105	1	111	4.5%
	18730	3	14	0	17	17.6%
	19110	152	2,736	0	2,888	5.3%
	19130	0	88	0	88	0.0%
	19430	0	26	0	26	0.0%
	19450	3	42	0	45	6.7%
	20090	5	84	0	89	5.6%
	20810	10	132	0	142	7.0%
	21010	0	6	0	6	0.0%
	23210	0	8	0	8	0.0%
	23970	0	38	0	38	0.0%
24010	8	147	0	155	5.2%	
24030	0	3	0	3	0.0%	
24170	22	333	0	355	6.2%	
24350	39	444	1	484	8.1%	
Peninsulas Total		606	8,527	5	9,138	6.6%
Rappahannock	10550	3	53	1	57	5.3%
	12150	11	160	0	171	6.4%
	12270	1	3	0	4	25.0%
	12330	0	1	0	1	0.0%
	12510	4	83	0	87	4.6%
	12730	0	14	1	15	0.0%

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Rappahannock (cont.)	13690	18	366	0	384	4.7%
	13710	5	128	0	133	3.8%
	14810	39	881	1	921	4.2%
	14930	0	5	0	5	0.0%
	15090	0	1	0	1	0.0%
	15330	23	285	0	308	7.5%
	15350	13	128	1	142	9.2%
	15710	0	1	0	1	0.0%
	17050	20	261	1	282	7.1%
	17230	5	55	0	60	8.3%
	17530	15	111	11	137	10.9%
	17590	1	45	0	46	2.2%
	17630	0	3	1	4	0.0%
	19010	0	8	0	8	0.0%
	19730	0	6	0	6	0.0%
	20430	9	115	0	124	7.3%
	20630	1	17	0	18	5.6%
	20690	0	8	1	9	0.0%
	20770	0	34	0	34	0.0%
	21410	0	6	0	6	0.0%
	22110	2	27	0	29	6.9%
	22130	77	1,237	1	1,315	5.9%
	22150	28	368	0	396	7.1%
	22190	68	997	1	1,066	6.4%
	22850	0	1	0	1	0.0%
	23250	4	24	1	29	13.8%
23890	1	24	0	25	4.0%	
Rappahannock Total		348	5,456	21	5,825	6.0%
Southwest Virginia	10070	3	38	0	41	7.3%
	10090	3	51	0	54	5.6%
	10610	18	70	0	88	20.5%
	10970	0	1	0	1	0.0%
	11150	45	95	0	140	32.1%
	11250	2	24	0	26	7.7%
	11350	9	128	0	137	6.6%
	11570	16	339	0	355	4.5%
	12050	1	27	0	28	3.6%
	12190	29	333	0	362	8.0%
	12290	1	63	0	64	1.6%
	12790	6	40	0	46	13.0%
	12830	0	2	0	2	0.0%
	13170	1	19	0	20	5.0%
	13250	7	122	0	129	5.4%
	13790	0	21	0	21	0.0%
	13810	0	35	0	35	0.0%
	13870	0	2	0	2	0.0%
	14010	1	38	0	39	2.6%
	14050	0	17	1	18	0.0%
	14150	10	105	0	115	8.7%
	14470	0	3	1	4	0.0%
	15370	2	12	0	14	14.3%
	15390	2	31	0	33	6.1%
	15490	19	202	0	221	8.6%
	15630	1	4	0	5	20.0%

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Southwest Virginia (cont.)	15770	6	64	0	70	8.6%
	16070	3	54	0	57	5.3%
	16270	3	33	1	37	8.1%
	16410	1	8	0	9	11.1%
	16590	15	71	0	86	17.4%
	16770	4	7	0	11	36.4%
	16850	11	85	1	97	11.3%
	16950	0	3	1	4	0.0%
	17310	5	12	0	17	29.4%
	17350	2	6	0	8	25.0%
	17390	8	108	0	116	6.9%
	17410	3	172	3	178	1.7%
	17430	8	136	2	146	5.5%
	17510	0	7	0	7	0.0%
	18370	7	92	0	99	7.1%
	18850	2	20	0	22	9.1%
	19030	6	67	0	73	8.2%
	19190	9	50	0	59	15.3%
	19470	5	103	0	108	4.6%
	19590	4	55	0	59	6.8%
	20050	4	54	0	58	6.9%
	20130	2	65	0	67	3.0%
	20190	6	37	0	43	14.0%
	20670	3	85	0	88	3.4%
	20750	3	54	0	57	5.3%
	21310	4	9	0	13	30.8%
	21330	4	55	0	59	6.8%
	21430	0	51	0	51	0.0%
	21470	0	13	1	14	0.0%
	21510	16	176	2	194	8.2%
	21930	4	57	0	61	6.6%
	22170	0	4	0	4	0.0%
	22610	1	12	0	13	7.7%
	22750	1	3	0	4	25.0%
	22870	5	41	0	46	10.9%
	22890	0	2	0	2	0.0%
	22970	5	99	2	106	4.7%
	23010	11	149	1	161	6.8%
	23030	14	197	1	212	6.6%
	23050	12	214	0	226	5.3%
	23090	1	4	0	5	20.0%
23330	1	13	0	14	7.1%	
23350	1	14	0	15	6.7%	
23670	19	123	0	142	13.4%	
23850	11	90	0	101	10.9%	
23870	18	175	0	193	9.3%	
24270	10	114	0	124	8.1%	
24310	12	188	1	201	6.0%	
Southwest Virginia Total		446	5,073	18	5,537	8.1%
Thomas Jefferson	10270	93	1,051	1	1,145	8.1%
	12610	8	70	3	81	9.9%
	12630	70	1,203	5	1,278	5.5%
	14350	0	3	0	3	0.0%
	14990	0	1	0	1	0.0%

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Thomas Jefferson (cont.)	15010	11	122	2	135	8.1%
	15650	0	1	0	1	0.0%
	15910	22	284	1	307	7.2%
	15930	1	39	0	40	2.5%
	17210	12	149	0	161	7.5%
	17710	38	622	1	661	5.7%
	17870	8	95	0	103	7.8%
	17890	6	42	0	48	12.5%
	18990	0	2	0	2	0.0%
	19930	29	38	0	67	43.3%
	21170	0	5	0	5	0.0%
	21230	1	17	0	18	5.6%
	21550	2	49	0	51	3.9%
	21630	0	1	0	1	0.0%
	23270	0	4	0	4	0.0%
	23290	0	2	0	2	0.0%
	23990	8	255	0	263	3.0%
24250	20	229	0	249	8.0%	
Thomas Jefferson Total		329	4,284	13	4,626	7.1%
Tidewater	10130	19	333	0	352	5.4%
	11490	1	34	0	35	2.9%
	12070	0	6	0	6	0.0%
	12090	4	22	1	27	14.8%
	12210	0	2	0	2	0.0%
	12710	125	1,729	3	1,857	6.7%
	12810	4	47	0	51	7.8%
	13090	367	5,704	0	6,071	6.0%
	13430	2	15	0	17	11.8%
	13530	8	65	0	73	11.0%
	15290	9	207	0	216	4.2%
	15890	0	4	0	4	0.0%
	16650	22	291	0	313	7.0%
	16670	0	21	0	21	0.0%
	16690	0	20	0	20	0.0%
	18130	0	2	0	2	0.0%
	18250	1	10	0	11	9.1%
	18330	1	19	0	20	5.0%
	18650	0	2	0	2	0.0%
	18890	1	12	0	13	7.7%
	19210	75	131	0	206	36.4%
	19290	145	957	0	1,102	13.2%
	19390	13	201	0	214	6.1%
	19410	0	18	0	18	0.0%
	19570	0	1	0	1	0.0%
	19650	0	31	0	31	0.0%
	19830	0	5	0	5	0.0%
	20110	75	1,640	13	1,728	4.3%
	20610	0	3	0	3	0.0%
	21490	1	1	0	2	50.0%
	21810	0	1	0	1	0.0%
	22090	0	1	0	1	0.0%
22590	41	858	3	902	4.5%	
22910	2	2	0	4	50.0%	
22930	12	371	1	384	3.1%	

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Tidewater (cont.)	23730	0	2	0	2	0.0%
	24210	0	4	0	4	0.0%
Tidewater Total		928	12,772	21	13,721	6.8%
Western Virginia	10010	0	2	0	2	0.0%
	10670	1	16	0	17	5.9%
	10850	3	10	0	13	23.1%
	10890	6	93	1	100	6.0%
	11170	36	406	0	442	8.1%
	11230	2	54	0	56	3.6%
	11310	1	11	0	12	8.3%
	11330	3	7	0	10	30.0%
	11390	1	3	0	4	25.0%
	11430	14	243	0	257	5.4%
	11690	4	18	1	23	17.4%
	11950	1	8	0	9	11.1%
	12130	6	108	0	114	5.3%
	12350	18	99	0	117	15.4%
	12370	1	14	0	15	6.7%
	12390	0	3	0	3	0.0%
	12670	5	25	0	30	16.7%
	12850	33	502	0	535	6.2%
	13210	14	133	0	147	9.5%
	13490	3	24	1	28	10.7%
	13550	8	84	1	93	8.6%
	13570	4	38	0	42	9.5%
	13590	0	15	0	15	0.0%
	13850	50	479	6	535	9.3%
	14230	1	20	0	21	4.8%
	14310	0	8	0	8	0.0%
	14770	2	21	0	23	8.7%
	14850	12	143	0	155	7.7%
	14870	1	1	0	2	50.0%
	14950	11	83	1	95	11.6%
	14970	0	13	0	13	0.0%
	15250	16	384	1	401	4.0%
	15270	8	48	0	56	14.3%
	15590	0	33	0	33	0.0%
	16010	0	19	0	19	0.0%
	16350	17	445	1	463	3.7%
	16630	0	12	0	12	0.0%
	16790	9	77	1	87	10.3%
	17330	0	5	0	5	0.0%
	17650	1	6	0	7	14.3%
	18070	11	257	0	268	4.1%
	18270	56	111	0	167	33.5%
18790	1	7	0	8	12.5%	
18810	1	38	0	39	2.6%	
19150	0	15	0	15	0.0%	
19770	0	2	0	2	0.0%	
19890	1	13	0	14	7.1%	
20490	13	136	0	149	8.7%	
20550	2	25	0	27	7.4%	
20570	26	509	0	535	4.9%	
20590	28	200	1	229	12.2%	

Supplemental Table 3. Trauma Triage Step 1 Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Met Criteria	Did Not Meet Criteria	No Data	Grand Total	Percent Met Criteria
Western Virginia (cont.)	20890	4	134	0	138	2.9%
	20910	8	62	0	70	11.4%
	20930	5	34	0	39	12.8%
	21030	49	670	0	719	6.8%
	21050	2	18	0	20	10.0%
	21070	0	34	0	34	0.0%
	21090	74	2,249	10	2,333	3.2%
	21370	31	412	0	443	7.0%
	21390	1	21	1	23	4.3%
	21570	1	14	0	15	6.7%
	21690	3	57	0	60	5.0%
	21910	3	28	0	31	9.7%
	22430	6	52	0	58	10.3%
	22530	0	1	0	1	0.0%
	23130	1	54	0	55	1.8%
	23410	0	9	0	9	0.0%
	23450	6	74	0	80	7.5%
	23470	7	75	0	82	8.5%
	23710	5	177	0	182	2.7%
	24070	2	10	0	12	16.7%
24330	0	25	8	33	0.0%	
Western Virginia Total		639	9,236	34	9,909	6.4%
Out of State	10190	0	3	0	3	0.0%
	10250	28	46	0	74	37.8%
	10390	1	17	0	18	5.6%
	10490	29	138	2	169	17.2%
	18290	27	100	0	127	21.3%
	18390	24	386	0	410	5.9%
	18430	3	0	0	3	100.0%
	20650	3	12	0	15	20.0%
Out of State Total		115	702	2	819	14.0%
Grand Total		7,197	92,556	299	100,052	7.2%

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Blue Ridge	10370	3	2	0	5	40.0%
	10510	2	0	0	2	0.0%
	10630	19	0	0	19	0.0%
	11030	29	14	0	43	32.6%
	11130	1	0	0	1	0.0%
	12010	34	1	0	35	2.9%
	12030	5	1	0	6	16.7%
	12410	0	2	0	2	100.0%
	13450	3	0	0	3	0.0%
	13990	8	9	0	17	52.9%
	15750	1	1	0	2	50.0%
	16570	1	0	0	1	0.0%
	17830	61	1	0	62	1.6%
	18690	1	1	0	2	50.0%
	19810	0	1	0	1	100.0%
21650	1	0	0	1	0.0%	
Blue Ridge Total		169	33	0	202	16.3%
Central Shenandoah	10810	0	25	0	25	100.0%
	10930	0	1	0	1	100.0%
	11550	0	4	0	4	100.0%
	11590	0	5	0	5	100.0%
	11850	0	9	1	10	90.0%
	12890	0	4	0	4	100.0%
	12970	0	4	0	4	100.0%
	13270	1	3	0	4	75.0%
	14730	0	2	2	4	50.0%
	15430	4	12	0	16	75.0%
	15670	1	0	0	1	0.0%
	16030	0	4	0	4	100.0%
	16250	3	40	1	44	90.9%
	16390	0	1	0	1	100.0%
	16550	0	6	1	7	85.7%
	17470	0	10	0	10	100.0%
	18870	0	3	0	3	100.0%
	19050	0	1	0	1	100.0%
	20330	0	2	0	2	100.0%
	21210	2	23	0	25	92.0%
22310	1	43	0	44	97.7%	
22550	0	6	1	7	85.7%	
23930	4	31	1	36	86.1%	
Central Shenandoah Total		16	239	7	262	91.2%
Lord Fairfax	13130	13	0	0	13	0.0%
	15310	59	1	0	60	1.7%
	15410	0	3	0	3	100.0%
	18830	1	3	0	4	75.0%
	19710	0	1	0	1	100.0%
	19750	2	5	0	7	71.4%
	21710	7	13	0	20	65.0%
	23310	1	0	0	1	0.0%
	23790	6	10	0	16	62.5%
	24190	37	0	0	37	0.0%
	24290	3	12	0	15	80.0%
Lord Fairfax Total		129	48	0	177	27.1%

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Northern Virginia	10330	13	74	0	87	85.1%
	10690	0	3	0	3	100.0%
	10710	52	74	2	128	57.8%
	10730	1	5	0	6	83.3%
	12950	17	5	0	22	22.7%
	12990	4	22	0	26	84.6%
	13010	1	11	0	12	91.7%
	13750	2	10	0	12	83.3%
	14190	0	3	0	3	100.0%
	14690	310	96	1	407	23.6%
	14710	6	2	0	8	25.0%
	16150	0	4	0	4	100.0%
	17190	0	1	0	1	100.0%
	17670	25	71	0	96	74.0%
	17690	2	18	0	20	90.0%
	19230	1	4	0	5	80.0%
	19530	0	7	0	7	100.0%
	19970	195	9	8	212	4.2%
	20270	75	514	26	615	83.6%
	20410	3	20	1	24	83.3%
22370	11	25	0	36	69.4%	
22450	0	3	0	3	100.0%	
Northern Virginia Total		718	981	38	1,737	56.5%
Old Dominion	10230	82	1	1	84	1.2%
	10290	0	3	0	3	100.0%
	10410	12	14	0	26	53.8%
	10450	7	2	0	9	22.2%
	11470	1	5	0	6	83.3%
	11750	0	1	0	1	100.0%
	11810	1	3	0	4	75.0%
	11890	0	16	0	16	100.0%
	12230	5	2	0	7	28.6%
	12430	1	2	0	3	66.7%
	12570	4	6	1	11	54.5%
	12650	1	5	0	6	83.3%
	12750	161	22	0	183	12.0%
	13370	23	0	0	23	0.0%
	13730	1	0	0	1	0.0%
	13970	1	1	0	2	50.0%
	14030	7	0	0	7	0.0%
	14570	6	2	0	8	25.0%
	14610	3	0	0	3	0.0%
	15030	13	5	0	18	27.8%
	15730	20	4	0	24	16.7%
	15950	0	4	4	8	50.0%
	16110	6	30	2	38	78.9%
	16310	136	123	1	260	47.3%
	16330	1	5	0	6	83.3%
	16490	5	5	0	10	50.0%
	16510	2	8	0	10	80.0%
16910	0	2	0	2	100.0%	
17250	9	7	0	16	43.8%	
17930	5	3	0	8	37.5%	

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Old Dominion (cont.)	18190	0	7	0	7	100.0%
	18310	2	1	0	3	33.3%
	19070	10	3	0	13	23.1%
	19350	7	3	0	10	30.0%
	19490	4	13	0	17	76.5%
	19870	1	5	0	6	83.3%
	19950	16	0	0	16	0.0%
	20150	0	0	1	1	0.0%
	20170	6	5	0	11	45.5%
	20230	4	25	0	29	86.2%
	20250	17	1	0	18	5.6%
	20310	2	0	0	2	0.0%
	20790	247	42	0	289	14.5%
	20870	2	1	0	3	33.3%
	22030	4	5	0	9	55.6%
	22050	43	0	1	44	0.0%
	22470	3	1	0	4	25.0%
	22650	1	2	0	3	66.7%
	23110	16	9	0	25	36.0%
	23150	0	1	0	1	100.0%
	23430	1	9	0	10	90.0%
23650	75	0	0	75	0.0%	
23910	9	0	0	9	0.0%	
Old Dominion Total		983	414	11	1,408	29.4%
Peninsulas	10110	1	10	0	11	90.9%
	11970	0	3	0	3	100.0%
	12450	0	9	0	9	100.0%
	13330	3	0	0	3	0.0%
	14590	0	10	0	10	100.0%
	15690	3	16	0	19	84.2%
	16190	87	47	1	135	34.8%
	16710	36	100	0	136	73.5%
	16990	0	5	0	5	100.0%
	17010	0	1	0	1	100.0%
	17110	7	3	0	10	30.0%
	17270	1	9	0	10	90.0%
	17770	0	2	0	2	100.0%
	17950	0	2	0	2	100.0%
	18090	0	1	2	3	33.3%
	18530	0	5	0	5	100.0%
	18730	0	3	0	3	100.0%
	19110	137	15	0	152	9.9%
	19450	1	2	0	3	66.7%
	20090	4	1	0	5	20.0%
	20810	2	8	0	10	80.0%
24010	5	3	0	8	37.5%	
24170	6	16	0	22	72.7%	
24350	19	20	0	39	51.3%	
Peninsulas Total		312	291	3	606	48.0%
Rappahannock	10550	0	2	1	3	66.7%
	12150	6	5	0	11	45.5%
	12270	0	1	0	1	100.0%
	12510	4	0	0	4	0.0%

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Rappahannock (cont.)	13690	0	18	0	18	100.0%
	13710	0	5	0	5	100.0%
	14810	5	34	0	39	87.2%
	15330	23	0	0	23	0.0%
	15350	13	0	0	13	0.0%
	17050	19	1	0	20	5.0%
	17230	2	3	0	5	60.0%
	17530	2	5	8	15	33.3%
	17590	0	1	0	1	100.0%
	20430	1	8	0	9	88.9%
	20630	0	1	0	1	100.0%
	22110	0	2	0	2	100.0%
	22130	50	27	0	77	35.1%
	22150	19	9	0	28	32.1%
	22190	45	22	1	68	32.4%
	23250	3	1	0	4	25.0%
23890	0	1	0	1	100.0%	
Rappahannock Total		192	146	10	348	42.0%
Southwest Virginia	10070	2	1	0	3	33.3%
	10090	0	3	0	3	100.0%
	10610	1	17	0	18	94.4%
	11150	0	45	0	45	100.0%
	11250	0	2	0	2	100.0%
	11350	7	1	1	9	11.1%
	11570	16	0	0	16	0.0%
	12050	0	1	0	1	100.0%
	12190	5	22	2	29	75.9%
	12290	0	1	0	1	100.0%
	12790	0	6	0	6	100.0%
	13170	0	1	0	1	100.0%
	13250	0	7	0	7	100.0%
	14010	0	1	0	1	100.0%
	14150	7	3	0	10	30.0%
	15370	0	0	2	2	0.0%
	15390	1	1	0	2	50.0%
	15490	0	18	1	19	94.7%
	15630	0	1	0	1	100.0%
	15770	6	0	0	6	0.0%
	16070	3	0	0	3	0.0%
	16270	1	2	0	3	66.7%
	16410	0	1	0	1	100.0%
	16590	1	13	1	15	86.7%
	16770	1	3	0	4	75.0%
	16850	5	6	0	11	54.5%
	17310	0	5	0	5	100.0%
	17350	0	2	0	2	100.0%
	17390	1	7	0	8	87.5%
	17410	0	3	0	3	100.0%
	17430	0	7	1	8	87.5%
	18370	0	6	1	7	85.7%
18850	0	2	0	2	100.0%	
19030	1	5	0	6	83.3%	
19190	8	1	0	9	11.1%	

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Southwest Virginia (cont.)	19470	1	4	0	5	80.0%
	19590	0	4	0	4	100.0%
	20050	2	2	0	4	50.0%
	20130	0	2	0	2	100.0%
	20190	1	5	0	6	83.3%
	20670	0	2	1	3	66.7%
	20750	1	2	0	3	66.7%
	21310	1	3	0	4	75.0%
	21330	1	3	0	4	75.0%
	21510	11	5	0	16	31.3%
	21930	3	1	0	4	25.0%
	22610	0	1	0	1	100.0%
	22750	0	1	0	1	100.0%
	22870	0	5	0	5	100.0%
	22970	0	5	0	5	100.0%
	23010	3	8	0	11	72.7%
	23030	0	0	14	14	0.0%
	23050	5	7	0	12	58.3%
	23090	1	0	0	1	0.0%
	23330	0	1	0	1	100.0%
	23350	0	1	0	1	100.0%
23670	19	0	0	19	0.0%	
23850	7	4	0	11	36.4%	
23870	0	14	4	18	77.8%	
24270	1	9	0	10	90.0%	
24310	1	10	1	12	83.3%	
Southwest Virginia Total		124	293	29	446	65.7%
Thomas Jefferson	10270	67	26	0	93	28.0%
	12610	7	0	1	8	0.0%
	12630	47	23	0	70	32.9%
	15010	10	1	0	11	9.1%
	15910	14	2	6	22	9.1%
	15930	1	0	0	1	0.0%
	17210	9	3	0	12	25.0%
	17710	27	11	0	38	28.9%
	17870	2	6	0	8	75.0%
	17890	4	2	0	6	33.3%
	19930	29	0	0	29	0.0%
	21230	1	0	0	1	0.0%
	21550	1	1	0	2	50.0%
	23990	7	1	0	8	12.5%
	24250	16	4	0	20	20.0%
Thomas Jefferson Total		242	80	7	329	24.3%
Tidewater	10130	5	11	3	19	57.9%
	11490	0	1	0	1	100.0%
	12090	0	4	0	4	100.0%
	12710	50	75	0	125	60.0%
	12810	3	1	0	4	25.0%
	13090	250	117	0	367	31.9%
	13430	0	2	0	2	100.0%
	13530	2	6	0	8	75.0%
	15290	0	9	0	9	100.0%
16650	10	12	0	22	54.5%	

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Tidewater (cont.)	18250	1	0	0	1	0.0%
	18330	0	1	0	1	100.0%
	18890	0	1	0	1	100.0%
	19210	72	3	0	75	4.0%
	19290	121	18	6	145	12.4%
	19390	1	12	0	13	92.3%
	20110	22	53	0	75	70.7%
	21490	0	1	0	1	100.0%
	22590	18	21	2	41	51.2%
	22910	0	2	0	2	100.0%
22930	3	9	0	12	75.0%	
Tidewater Total		558	359	11	928	38.7%
Western Virginia	10670	0	1	0	1	100.0%
	10850	0	3	0	3	100.0%
	10890	0	6	0	6	100.0%
	11170	35	0	1	36	0.0%
	11230	0	2	0	2	100.0%
	11310	1	0	0	1	0.0%
	11330	0	3	0	3	100.0%
	11390	0	1	0	1	100.0%
	11430	13	1	0	14	7.1%
	11690	0	4	0	4	100.0%
	11950	0	1	0	1	100.0%
	12130	1	5	0	6	83.3%
	12350	14	4	0	18	22.2%
	12370	0	1	0	1	100.0%
	12670	1	4	0	5	80.0%
	12850	33	0	0	33	0.0%
	13210	0	14	0	14	100.0%
	13490	1	2	0	3	66.7%
	13550	0	8	0	8	100.0%
	13570	2	2	0	4	50.0%
	13850	0	50	0	50	100.0%
	14230	0	1	0	1	100.0%
	14770	1	0	1	2	0.0%
	14850	4	8	0	12	66.7%
	14870	0	1	0	1	100.0%
	14950	10	1	0	11	9.1%
	15250	9	7	0	16	43.8%
	15270	4	4	0	8	50.0%
	16350	1	15	1	17	88.2%
	16790	0	9	0	9	100.0%
	17650	1	0	0	1	0.0%
	18070	0	11	0	11	100.0%
	18270	53	2	1	56	3.6%
	18790	0	1	0	1	100.0%
18810	0	1	0	1	100.0%	
19890	0	1	0	1	100.0%	
20490	12	0	1	13	0.0%	
20550	2	0	0	2	0.0%	
20570	17	9	0	26	34.6%	
20590	1	24	3	28	85.7%	
20890	0	4	0	4	100.0%	

Supplemental Table 4. Trauma Triage Step 1 Met Criteria Summary By EMS Agency, VA, 2016

EMS Council Region	Agency Data ID	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	Percent Taken to Non Trauma Center
Western Virginia (cont.)	20910	7	0	1	8	0.0%
	20930	0	5	0	5	100.0%
	21030	40	9	0	49	18.4%
	21050	2	0	0	2	0.0%
	21090	67	7	0	74	9.5%
	21370	10	21	0	31	67.7%
	21390	0	1	0	1	100.0%
	21570	1	0	0	1	0.0%
	21690	2	1	0	3	33.3%
	21910	0	3	0	3	100.0%
	22430	1	5	0	6	83.3%
	23130	0	1	0	1	100.0%
	23450	5	1	0	6	16.7%
	23470	7	0	0	7	0.0%
	23710	5	0	0	5	0.0%
24070	0	2	0	2	100.0%	
Western Virginia Total		363	267	9	639	41.8%
Out of State	10250	23	0	5	28	0.0%
	10390	1	0	0	1	0.0%
	10490	1	0	28	29	0.0%
	18290	0	0	27	27	0.0%
	18390	16	8	0	24	33.3%
	18430	3	0	0	3	0.0%
	20650	0	2	1	3	66.7%
Out of State Total		44	10	61	115	8.7%
Grand Total		3,850	3,161	186	7,197	43.9%

Supplemental Table 5. Trauma Triage Step 1 Met Criteria By EMS Council Region By Destination Hospital, VA, 2016

EMS Council Region	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Blue Ridge	Carilion Roanoke Memorial Hospital	23	0	0	23
	Centra Bedford Memorial Hospital	0	18	0	18
	Centra Gretna Medical Center	0	2	0	2
	Centra Lynchburg General Hospital	145	0	0	145
	Centra Southside Community Hospital	0	10	0	10
	Centra Virginia Baptist Hospital	0	1	0	1
	LewisGale Medical Center	0	1	0	1
	UVA Health System	1	0	0	1
	Residential Facility	0	1	0	1
Blue Ridge Total		169	33	0	202
Central Shenandoah	Augusta Health	0	113	0	113
	Bath Community Hospital	0	6	0	6
	Carilion Roanoke Memorial Hospital	1	0	0	1
	Carilion Stonewall Jackson Hospital	0	19	0	19
	Sentara Martha Jefferson Hospital	0	1	0	1
	Sentara RMH Medical Center	0	99	0	99
	UVA Health System	14	0	0	14
	Winchester Medical Center	1	0	0	1
	Non-Hospital	0	0	3	3
	Residential Facility	0	1	0	1
	Unknown Hospital	0	0	4	4
Central Shenandoah Total		16	239	7	262
Lord Fairfax	Page Memorial Hospital	0	5	0	5
	Sentara RMH Medical Center	0	3	0	3
	Shenandoah Memorial Hospital	0	26	0	26
	UVA Health System	3	0	0	3
	Warren Memorial Hospital	0	14	0	14
	Winchester Medical Center	126	0	0	126
Lord Fairfax Total		129	48	0	177
Northern Virginia	Children's National Medical Center	13	0	0	13
	Fauquier Hospital	0	1	0	1
	Frederick Memorial Hospital	0	1	0	1
	Heathcote Health Center	0	40	0	40
	Inova Alexandria Hospital	0	57	0	57
	Inova Emergency Room - Fairfax	0	42	0	42
	Inova Emergency Room - Leesburg	0	55	0	55
	Inova Fair Oaks Hospital	0	50	0	50
	Inova Fairfax Hospital	518	0	0	518
	Inova HealthPlex Emergency Room -	0	11	0	11
	Inova HealthPlex Emergency Room - Lorton	0	2	0	2
	Inova Loudoun Hospital	0	64	0	64
	Inova Mount Vernon Hospital	0	16	0	16
	Jefferson Medical Center	1	0	0	1
	Mary Washington Hospital	7	0	0	7
	MedStar Washington Hospital Center	8	0	0	8
	Novant Health UVA Health Prince William Medical	0	195	0	195
	Reston Hospital Center	67	0	0	67
	Sentara Northern Virginia Medical Center	0	299	0	299
	StoneSprings Hospital Center	0	20	0	20
	The George Washington University Hospital	32	0	0	32
	UVA Health System	55	0	0	55
	Virginia Hospital Center	0	82	0	82
Western Maryland Regional Medical Center	0	6	0	6	

Supplemental Table 5. Trauma Triage Step 1 Met Criteria By EMS Council Region By Destination Hospital, VA, 2016

EMS Council Region	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Northern Virginia (cont.)	Winchester Medical Center	17	0	0	17
	Military Hospital Not Listed	0	3	0	3
	Non-Hospital	0	0	1	1
	Out of State Hospital Not Listed	0	37	0	37
	Unknown Hospital	0	0	37	37
Northern Virginia Total		718	981	38	1,737
Old Dominion	Carilion Roanoke Memorial Hospital	1	0	0	1
	Centra Lynchburg General Hospital	9	0	0	9
	Centra Southside Community Hospital	0	68	0	68
	Chippenham Hospital	184	0	0	184
	Duke University Hospital	7	0	0	7
	Henrico Doctors' Hospital	79	0	0	79
	Hunter Holmes McGuire VA Medical Center	0	3	0	3
	John Randolph Medical Center	0	22	0	22
	Johnston-Willis Hospital	42	0	0	42
	Memorial Regional Medical Center	0	56	0	56
	Parham Doctors' Hospital	0	42	0	42
	Retreat Doctors' Hospital	0	5	0	5
	Richmond Community Hospital	0	6	0	6
	Riverside Regional Medical Center	9	0	0	9
	Riverside Walter Reed Hospital	0	1	0	1
	Sentara Halifax Regional Hospital	0	44	0	44
	Sentara Norfolk General Hospital	3	0	0	3
	Sentara Obici Hospital	0	1	0	1
	Sentara Williamsburg Regional Medical Center	0	1	0	1
	Southern Virginia Regional Medical Center	0	6	0	6
	Southside Regional Medical Center	116	0	0	116
	St. Francis Medical Center	0	29	0	29
	St. Francis Watkins Centre	0	1	0	1
	St. Mary's Hospital	0	95	0	95
	Swift Creek Emergency Room	0	2	0	2
	UVA Health System	8	0	0	8
	VCU Health Community Memorial Hospital	0	29	0	29
	VCU Health Systems	525	0	0	525
	West Creek Emergency Center	0	2	0	2
	Non-Hospital	0	0	2	2
Out of State Hospital Not Listed	0	1	0	1	
Unknown Hospital	0	0	9	9	
Old Dominion Total		983	414	11	1,408
Peninsulas	Bon Secours Mary Immaculate Hospital	0	17	0	17
	Children's Hospital of The King's Daughters	0	1	0	1
	Mary Washington Hospital	7	0	0	7
	Memorial Regional Medical Center	0	5	0	5
	Rappahannock General Hospital	0	19	0	19
	Riverside Doctors' Hospital Williamsburg	0	58	0	58
	Riverside Regional Medical Center	282	0	0	282
	Riverside Tappahannock Hospital	0	27	0	27
	Riverside Walter Reed Hospital	0	40	0	40
	Sentara Careplex Hospital	0	51	0	51
	Sentara Norfolk General Hospital	3	0	0	3
	Sentara Williamsburg Regional Medical Center	0	73	0	73
	VCU Health Systems	20	0	0	20
	Unknown Hospital	0	0	3	3

Supplemental Table 5. Trauma Triage Step 1 Met Criteria By EMS Council Region By Destination Hospital, VA, 2016

EMS Council Region	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Peninsulas Total		312	291	3	606
Rappahannock	Chesapeake Regional Medical Center	0	1	0	1
	Emergency & Outpatient Center - Lee's Hill	0	3	0	3
	Fauquier Hospital	0	38	0	38
	Inova Fairfax Hospital	6	0	0	6
	Mary Washington Hospital	178	0	0	178
	Novant Health UVA Health System Culpeper Medical	0	29	0	29
	Novant Health UVA Health System Haymarket	0	1	0	1
	Sentara Leigh Hospital	0	2	0	2
	Sentara Northern Virginia Medical Center	0	2	0	2
	Sentara Williamsburg Regional Medical Center	0	1	0	1
	Southside Regional Medical Center	2	0	0	2
	Spotsylvania Regional Medical Center	0	38	0	38
	St. Mary's Hospital	0	1	0	1
	Stafford Hospital	0	28	0	28
	UM Charles Regional Medical Center	0	1	0	1
	UVA Health System	2	0	0	2
	VCU Health Systems	3	0	0	3
	Winchester Medical Center	1	0	0	1
	Residential Facility	0	1	0	1
	Unknown Hospital	0	0	10	10
Rappahannock Total		192	146	10	348
Southwest Virginia	Ashe Memorial Hospital	0	1	0	1
	Bluefield Regional Medical Center	8	0	0	8
	Bristol Regional Medical Center	54	0	0	54
	Buchanan General Hospital	0	12	0	12
	Carilion Roanoke Memorial Hospital	4	0	0	4
	Carilion Tazewell Community Hospital	0	10	0	10
	Clinch Valley Medical Center	0	6	0	6
	Dickenson Community Hospital	0	9	0	9
	Holston Valley Medical Center	40	0	0	40
	Indian Path Medical Center	0	6	0	6
	Johnson City Medical Center	6	0	0	6
	Johnston Memorial Hospital	0	30	0	30
	LewisGale Hospital Pulaski	0	1	0	1
	Lonesome Pine Hospital	0	80	0	80
	Middlesboro ARH Hospital	0	4	0	4
	Mountain View Regional Medical Center	0	4	0	4
	Northern Hospital of Surry County	0	3	0	3
	Norton Community Hospital	0	15	0	15
	Novant Health Forsyth Medical Center	0	1	0	1
	Pikeville Medical Center	3	0	0	3
	Russell County Medical Center	0	9	0	9
	Smyth County Community Hospital	0	16	0	16
	Twin County Regional Hospital	0	61	0	61
	Wake Forest Baptist Medical Center	9	0	0	9
	Wythe County Community Hospital	0	19	0	19
	Non-Hospital	0	0	4	4
	Out of State Hospital Not Listed	0	5	0	5
	Residential Facility	0	1	0	1
	Unknown Hospital	0	0	25	25
	Southwest Virginia Total		124	293	29
Thomas Jefferson	Augusta Health	0	2	0	2

Supplemental Table 5. Trauma Triage Step 1 Met Criteria By EMS Council Region By Destination Hospital, VA, 2016

EMS Council Region	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Thomas Jefferson (cont.)	Centra Lynchburg General Hospital	1	0	0	1
	Henrico Doctors' Hospital	4	0	0	4
	Novant Health UVA Health System Culpeper Medical	0	7	0	7
	Parham Doctors' Hospital	0	1	0	1
	Sentara Martha Jefferson Hospital	0	59	0	59
	Sentara Martha Jefferson Outpatient Care Center at	0	7	0	7
	Spotsylvania Regional Medical Center	0	3	0	3
	UVA Health System	235	0	0	235
	VCU Health Systems	2	0	0	2
	West Creek Emergency Center	0	1	0	1
Unknown Hospital	0	0	7	7	
Thomas Jefferson Total		242	80	7	329
Tidewater	Bon Secours DePaul Medical Center	0	9	0	9
	Bon Secours Health Center at Harbour View	0	4	0	4
	Bon Secours Maryview Medical Center	0	53	0	53
	Chesapeake Regional Medical Center	0	53	0	53
	Children's Hospital of The King's Daughters	0	31	0	31
	Naval Medical Center Portsmouth	0	9	0	9
	Peninsula Regional Medical Center	5	0	0	5
	Prince George's Hospital Center	3	0	0	3
	Riverside Regional Medical Center	11	0	0	11
	Riverside Shore Memorial Hospital	0	28	0	28
	Sentara BelleHarbour	0	5	0	5
	Sentara Independence	0	1	0	1
	Sentara Leigh Hospital	0	64	0	64
	Sentara Norfolk General Hospital	292	0	0	292
	Sentara Obici Hospital	0	31	0	31
	Sentara Princess Anne Hospital	0	50	0	50
	Sentara Virginia Beach General Hospital	242	0	0	242
	Southampton Memorial Hospital	0	19	0	19
	Southern Virginia Regional Medical Center	0	2	0	2
	Southside Regional Medical Center	1	0	0	1
VCU Health Systems	4	0	0	4	
Unknown Hospital	0	0	11	11	
Tidewater Total		558	359	11	928
Western Virginia	Alleghany Memorial Hospital	0	1	0	1
	Carilion Franklin Memorial Hospital	0	10	0	10
	Carilion Giles Community Hospital	0	5	0	5
	Carilion New River Valley Medical Center	63	0	0	63
	Carilion Roanoke Memorial Hospital	239	0	0	239
	Centra Gretna Medical Center	0	8	0	8
	Centra Lynchburg General Hospital	2	0	0	2
	Danville Regional Medical Center	0	89	0	89
	Duke University Hospital	1	0	0	1
	LewisGale Hospital Alleghany	0	25	0	25
	LewisGale Hospital Montgomery	55	0	0	55
	LewisGale Hospital Pulaski	0	9	0	9
	LewisGale Medical Center	0	46	0	46
	Memorial Hospital of Martinsville & Henry County	0	47	0	47
	Morehead Memorial Hospital	0	4	0	4
	Northern Hospital of Surry County	0	4	0	4
	Novant Health Forsyth Medical Center	0	2	0	2
	Pioneer Community Hospital of Patrick	0	12	0	12

Supplemental Table 5. Trauma Triage Step 1 Met Criteria By EMS Council Region By Destination Hospital, VA, 2016

EMS Council Region	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Western Virginia (cont.)	Salem VA Medical Center	0	2	0	2
	Twin County Regional Hospital	0	1	0	1
	UVA Health System	1	0	0	1
	Wake Forest Baptist Medical Center	2	0	0	2
	Non-Hospital	0	0	1	1
	Out of State Hospital Not Listed	0	2	0	2
	Unknown Hospital	0	0	8	8
Western Virginia Total		363	267	9	639
Out of State	Bristol Regional Medical Center	1	0	0	1
	Carilion Roanoke Memorial Hospital	9	0	0	9
	Children's National Medical Center	1	0	0	1
	Duke University Hospital	3	0	0	3
	Inova Fair Oaks Hospital	0	1	0	1
	Inova Fairfax Hospital	4	0	0	4
	LewisGale Hospital Alleghany	0	2	0	2
	MedStar Washington Hospital Center	1	0	0	1
	Reston Hospital Center	7	0	0	7
	StoneSprings Hospital Center	0	1	0	1
	The George Washington University Hospital	5	0	0	5
	VCU Health Systems	2	0	0	2
	Virginia Hospital Center	0	5	0	5
	Wake Forest Baptist Medical Center	11	0	0	11
	Western Maryland Regional Medical Center	0	1	0	1
	Non-Hospital	0	0	1	1
	Unknown Hospital	0	0	60	60
Out of State Total		44	10	61	115
Grand Total		3,850	3,161	186	7,197

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Blue Ridge	10370	Centra Gretna Medical Center	0	1	0	2
		Centra Lynchburg General Hospital	3	0	0	3
	10510	Centra Lynchburg General Hospital	2	0	0	2
	10630	Centra Lynchburg General Hospital	19	0	0	19
	11030	Carilion Roanoke Memorial Hospital	21	0	0	21
		Centra Bedford Memorial Hospital	0	1	0	13
		Centra Lynchburg General Hospital	8	0	0	8
		LewisGale Medical Center	0	1	0	1
	11130	Centra Lynchburg General Hospital	1	0	0	1
	12010	Centra Lynchburg General Hospital	34	0	0	34
		Centra Virginia Baptist Hospital	0	1	0	1
	12030	Centra Bedford Memorial Hospital	0	1		1
		Centra Lynchburg General Hospital	5	0	0	5
	12410	Centra Bedford Memorial Hospital	0	1	0	2
	13450	Centra Lynchburg General Hospital	3	0	0	3
	13990	Centra Lynchburg General Hospital	7	0	0	7
		Centra Southside Community Hospital	0	1	0	9
		UVA Health System	1	0	0	1
	15750	Centra Bedford Memorial Hospital	0	1	0	1
		Centra Lynchburg General Hospital	1	0	0	1
	16570	Centra Lynchburg General Hospital	1	0	0	1
	17830	Centra Lynchburg General Hospital	61	0	0	61
		Residential Facility	0	1	0	1
	18690	Carilion Roanoke Memorial Hospital	1	0	0	1
		Centra Bedford Memorial Hospital	0	1	0	1
	19810	Centra Southside Community Hospital	0	1	0	1
21650	Carilion Roanoke Memorial Hospital	1	0	0	1	
Blue Ridge Total			169	11	0	202
Central Shenandoah	10810	Augusta Health	0	2	0	23
		Sentara RMH Medical Center	0	1	0	2
	10930	Residential Facility	0	1	0	1
	11550	Sentara RMH Medical Center	0	1	0	4
	11590	Sentara RMH Medical Center	0	1	0	5
	11850	Carilion Stonewall Jackson Hospital	0	2	0	9
		Non-Hospital	0	0	1	1
	12890	Augusta Health	0	2	0	4
	12970	Sentara RMH Medical Center	0	1	0	4
	13270	Sentara RMH Medical Center	0	1	0	3
		UVA Health System	1	0	0	1
	14730	Augusta Health	0	1	0	2
		Non-Hospital	0	0	1	2
	15430	Sentara RMH Medical Center	0	2	0	12
		UVA Health System	3	0	0	3
		Winchester Medical Center	1	0	0	1
	15670	Carilion Roanoke Memorial Hospital	1	0	0	1
	16030	Augusta Health	0	1	0	1
		Sentara RMH Medical Center	0	1	0	3
	16250	Unknown Hospital	0	0	1	1
		Sentara RMH Medical Center	0	2	0	40
		UVA Health System	3	0	0	3
	16390	Augusta Health	0	1	0	1
	16550	Unknown Hospital	0	0	1	1
		Bath Community Hospital	0	1	0	6

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Central Shenandoah (cont.)	17470	Carilion Stonewall Jackson Hospital	0	1	0	10
	18870	Sentara RMH Medical Center	0	1	0	3
	19050	Augusta Health	0	1	0	1
	20330	Augusta Health	0	1	0	1
		Sentara Martha Jefferson Hospital	0	1	0	1
	21210	Sentara RMH Medical Center	0	2	0	23
		UVA Health System	2	0	0	2
	22310	Augusta Health	0	1	0	43
		UVA Health System	1	0	0	1
	22550	Unknown Hospital	0	0	1	1
		Augusta Health	0	2	0	6
	23930	Unknown Hospital	0	0	1	1
		Augusta Health	0	1	0	31
	UVA Health System	4	0	0	4	
Central Shenandoah Total			16	32	6	262
Lord Fairfax	13130	Winchester Medical Center	13	0	0	13
	15310	Shenandoah Memorial Hospital	0	1	0	1
		Winchester Medical Center	59	0	0	59
	15410	Warren Memorial Hospital	0	2	0	3
	18830	Sentara RMH Medical Center	0	1	0	1
		Shenandoah Memorial Hospital	0	1	0	2
		Winchester Medical Center	1	0	0	1
	19710	Shenandoah Memorial Hospital	0	1	0	1
	19750	Page Memorial Hospital	0	1	0	5
		UVA Health System	1	0	0	1
		Winchester Medical Center	1	0	0	1
	21710	Sentara RMH Medical Center	0	1	0	2
		Shenandoah Memorial Hospital	0	1	0	10
		UVA Health System	1	0	0	1
		Warren Memorial Hospital	0	1	0	1
		Winchester Medical Center	6	0	0	6
	23310	Winchester Medical Center	1	0	0	1
	23790	Warren Memorial Hospital	0	2	0	10
		Winchester Medical Center	6	0	0	6
	24190	Winchester Medical Center	37	0	0	37
24290	Shenandoah Memorial Hospital	0	2	0	12	
	UVA Health System	1	0	0	1	
	Winchester Medical Center	2	0	0	2	
Lord Fairfax Total			129	14	0	177
Northern Virginia	10330	Inova Alexandria Hospital	0	1	0	47
		Inova Fairfax Hospital	13	0	0	13
		Out of State Hospital Not Listed	0	1	0	26
		Virginia Hospital Center	0	1	0	1
	10690	StoneSprings Hospital Center	0	1	0	3
	10710	Unknown Hospital	0	0	1	2
		Children's National Medical Center	4	0	0	4
		Inova Alexandria Hospital	0	1	0	4
		Inova Fairfax Hospital	17	0	0	17
		MedStar Washington Hospital Center	1	0	0	1
		The George Washington University Hospital	30	0	0	30
		Virginia Hospital Center	0	1	0	70
	10730	Inova Emergency Room - Leesburg	0	1	0	1
	Inova Loudoun Hospital	0	1	0	4	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Northern Virginia (cont.)		Reston Hospital Center	1	0	0	1
	12950	Inova Emergency Room - Fairfax	0	1	0	1
		Inova Fair Oaks Hospital	0	2	0	4
		Inova Fairfax Hospital	17	0	0	17
	12990	Inova Fairfax Hospital	4	0	0	4
		Novant Health UVA Health Prince William Medical Ce	0	1	0	22
	13010	Inova Fairfax Hospital	1	0	0	1
		Novant Health UVA Health Prince William Medical Ce	0	2	0	11
	13750	Inova Emergency Room - Fairfax	0	1	0	1
		Inova Fairfax Hospital	2	0	0	2
		Sentara Northern Virginia Medical Center	0	1	0	9
	14190	Sentara Northern Virginia Medical Center	0	1	0	3
	14690	Unknown Hospital	0	0	1	1
		Children's National Medical Center	6	0	0	6
		Inova Alexandria Hospital	0	1	0	6
		Inova Emergency Room - Fairfax	0	1	0	1
		Inova Fair Oaks Hospital	0	1	0	45
		Inova Fairfax Hospital	246	0	0	246
		Inova HealthPlex Emergency Room - Franconia/Spring	0	1	0	11
		Inova HealthPlex Emergency Room - Lorton	0	1	0	2
		Inova Mount Vernon Hospital	0	1	0	16
		MedStar Washington Hospital Center	2	0	0	2
		Military Hospital Not Listed	0	1	0	3
		Reston Hospital Center	54	0	0	54
		StoneSprings Hospital Center	0	1	0	1
		The George Washington University Hospital	2	0	0	2
		Virginia Hospital Center	0	1	0	11
	14710	Inova Emergency Room - Fairfax	0	1	0	1
		Inova Fairfax Hospital	4	0	0	4
		Reston Hospital Center	1	0	0	1
		Sentara Northern Virginia Medical Center	0	1	0	1
		UVA Health System	1	0	0	1
	16150	Inova Emergency Room - Leesburg	0	1	0	3
		Inova Loudoun Hospital	0	1	0	1
	17190	Novant Health UVA Health Prince William Medical Ce	0	1	0	1
	17670	Inova Emergency Room - Leesburg	0	1	0	24
		Inova Fair Oaks Hospital	0	1	0	1
		Inova Fairfax Hospital	19	0	0	19
		Inova Loudoun Hospital	0	1	0	25
		Reston Hospital Center	5	0	0	5
		StoneSprings Hospital Center	0	1	0	16
		Western Maryland Regional Medical Center	0	1	0	5
		Winchester Medical Center	1	0	0	1
	17690	Inova Emergency Room - Leesburg	0	1	0	11
		Inova Fairfax Hospital	2	0	0	2
		Inova Loudoun Hospital	0	1	0	7
	19230	Inova Fairfax Hospital	1	0	0	1
		Novant Health UVA Health Prince William Medical Ce	0	2	0	4
	19530	Inova Emergency Room - Fairfax	0	1	0	1
		Sentara Northern Virginia Medical Center	0	1	0	6
19970	Unknown Hospital	0	0	1	8	
	Children's National Medical Center	2	0	0	2	
	Inova Fairfax Hospital	113	0	0	113	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Northern Virginia (cont.)		Mary Washington Hospital	7	0	0	7
		MedStar Washington Hospital Center	4	0	0	4
		Out of State Hospital Not Listed	0	1	0	9
		UVA Health System	54	0	0	54
		Winchester Medical Center	15	0	0	15
	20270	Unknown Hospital	0	0	1	25
		Fauquier Hospital	0	1	0	1
		Heathcote Health Center	0	2	0	40
		Inova Emergency Room - Fairfax	0	2	0	37
		Inova Fairfax Hospital	74	0	0	74
		MedStar Washington Hospital Center	1	0	0	1
		Non-Hospital	0	0	1	1
		Novant Health UVA Health Prince William Medical Ce	0	2	0	154
		Out of State Hospital Not Listed	0	1	0	2
		Sentara Northern Virginia Medical Center	0	2	0	280
	20410	Unknown Hospital	0	0	1	1
		Frederick Memorial Hospital	0	1	0	1
		Inova Emergency Room - Leesburg	0	2	0	16
		Inova Fairfax Hospital	1	0	0	1
		Inova Loudoun Hospital	0	1	0	3
		Jefferson Medical Center	1	0	0	1
		Winchester Medical Center	1	0	0	1
	22370	Children's National Medical Center	1	0	0	1
		Inova Fairfax Hospital	4	0	0	4
		Inova Loudoun Hospital	0	1	0	24
		Reston Hospital Center	6	0	0	6
		Western Maryland Regional Medical Center	0	1	0	1
22450	Novant Health UVA Health Prince William Medical Ce	0	1	0	3	
Northern Virginia Total			718	60	6	1,737
Old Dominion	10230	Unknown Hospital	0	0	1	1
		Riverside Regional Medical Center	8	0	0	8
		Riverside Walter Reed Hospital	0	1	0	1
		Sentara Norfolk General Hospital	3	0	0	3
		Southside Regional Medical Center	1	0	0	1
		VCU Health Systems	70	0	0	70
	10290	VCU Health Community Memorial Hospital	0	1	0	3
	10410	Henrico Doctors' Hospital	8	0	0	8
		Johnston-Willis Hospital	1	0	0	1
		Memorial Regional Medical Center	0	1	0	3
		Parham Doctors' Hospital	0	1	0	4
		Retreat Doctors' Hospital	0	1	0	1
		St. Francis Medical Center	0	1	0	2
		St. Mary's Hospital	0	1	0	4
		VCU Health Systems	3	0	0	3
	10450	Chippenham Hospital	4	0	0	4
		St. Francis Medical Center	0	1	0	2
		VCU Health Systems	3	0	0	3
	11470	VCU Health Community Memorial Hospital	0	1	0	5
		VCU Health Systems	1	0	0	1
	11750	VCU Health Community Memorial Hospital	0	1	0	1
11810	Centra Southside Community Hospital	0	1	0	3	
	UVA Health System	1	0	0	1	
11890	Centra Southside Community Hospital	0	1	0	16	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Old Dominion (cont.)	12230	Centra Southside Community Hospital	0	1	0	1
		Chippenham Hospital	2	0	0	2
		Johnston-Willis Hospital	3	0	0	3
		St. Francis Medical Center	0	1	0	1
	12430	Southern Virginia Regional Medical Center	0	1	0	1
		VCU Health Community Memorial Hospital	0	1	0	1
		VCU Health Systems	1	0	0	1
	12570	Unknown Hospital	0	0	1	1
		Centra Lynchburg General Hospital	3	0	0	3
		Centra Southside Community Hospital	0	1	0	5
		Sentara Halifax Regional Hospital	0	1	0	1
		VCU Health Systems	1	0	0	1
	12650	Duke University Hospital	1	0	0	1
		VCU Health Community Memorial Hospital	0	1	0	5
	12750	Chippenham Hospital	83	0	0	83
		John Randolph Medical Center	0	1	0	6
		Johnston-Willis Hospital	27	0	0	27
		Southside Regional Medical Center	7	0	0	7
		St. Francis Medical Center	0	1	0	12
		St. Mary's Hospital	0	1	0	2
		Swift Creek Emergency Room	0	1	0	2
		VCU Health Systems	44	0	0	44
	13370	Southside Regional Medical Center	22	0	0	22
		VCU Health Systems	1	0	0	1
	13730	Chippenham Hospital	1	0	0	1
	13970	St. Mary's Hospital	0	1	0	1
		VCU Health Systems	1	0	0	1
	14030	Southside Regional Medical Center	5	0	0	5
		VCU Health Systems	2	0	0	2
	14570	John Randolph Medical Center	0	1	0	1
		Memorial Regional Medical Center	0	1	0	1
		VCU Health Systems	6	0	0	6
	14610	Chippenham Hospital	1	0	0	1
		VCU Health Systems	2	0	0	2
	15030	Chippenham Hospital	4	0	0	4
		Johnston-Willis Hospital	7	0	0	7
		St. Francis Medical Center	0	1	0	5
		VCU Health Systems	2	0	0	2
	15730	Chippenham Hospital	1	0	0	1
		Henrico Doctors' Hospital	9	0	0	9
		Parham Doctors' Hospital	0	1	0	1
		St. Mary's Hospital	0	1	0	3
		UVA Health System	2	0	0	2
		VCU Health Systems	8	0	0	8
	15950	Unknown Hospital	0	0	1	4
		Southern Virginia Regional Medical Center	0	1	0	4
	16110	Duke University Hospital	3	0	0	3
		Non-Hospital	0	0	1	2
		Sentara Halifax Regional Hospital	0	1	0	30
		VCU Health Systems	3	0	0	3
16310	Unknown Hospital	0	0	1	1	
	Chippenham Hospital	3	0	0	3	
	Henrico Doctors' Hospital	46	0	0	46	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Old Dominion (cont.)		Hunter Holmes McGuire VA Medical Center	0	1	0	1
		Memorial Regional Medical Center	0	2	0	43
		Parham Doctors' Hospital	0	1	0	34
		Richmond Community Hospital	0	1	0	1
		St. Mary's Hospital	0	2	0	42
		VCU Health Systems	87	0	0	87
		West Creek Emergency Center	0	1	0	2
	16330	Memorial Regional Medical Center	0	1	0	2
		Richmond Community Hospital	0	1	0	1
		St. Mary's Hospital	0	1	0	2
		VCU Health Systems	1	0	0	1
	16490	John Randolph Medical Center	0	1	0	5
		Southside Regional Medical Center	1	0	0	1
		VCU Health Systems	4	0	0	4
	16510	John Randolph Medical Center	0	1	0	8
		VCU Health Systems	2	0	0	2
	16910	VCU Health Community Memorial Hospital	0	1	0	2
	17250	Henrico Doctors' Hospital	5	0	0	5
		Memorial Regional Medical Center	0	1	0	1
		Parham Doctors' Hospital	0	1	0	1
		Retreat Doctors' Hospital	0	1	0	1
		Richmond Community Hospital	0	1	0	1
		St. Mary's Hospital	0	1	0	3
		VCU Health Systems	4	0	0	4
	17930	Chippenham Hospital	4	0	0	4
		St. Francis Medical Center	0	1	0	3
		VCU Health Systems	1	0	0	1
	18190	Out of State Hospital Not Listed	0	1	0	1
		Sentara Halifax Regional Hospital	0	1	0	4
		VCU Health Community Memorial Hospital	0	1	0	2
	18310	Centra Southside Community Hospital	0	1	0	1
		VCU Health Systems	2	0	0	2
	19070	Memorial Regional Medical Center	0	1	0	2
		Sentara Williamsburg Regional Medical Center	0	1	0	1
		VCU Health Systems	10	0	0	10
	19350	Carilion Roanoke Memorial Hospital	1	0	0	1
		Centra Lynchburg General Hospital	6	0	0	6
		Sentara Halifax Regional Hospital	0	1	0	3
	19490	Centra Southside Community Hospital	0	1	0	12
		Johnston-Willis Hospital	1	0	0	1
		UVA Health System	1	0	0	1
		VCU Health Community Memorial Hospital	0	1	0	1
		VCU Health Systems	2	0	0	2
	19870	Sentara Halifax Regional Hospital	0	1	0	5
		VCU Health Systems	1	0	0	1
	19950	Southside Regional Medical Center	15	0	0	15
		VCU Health Systems	1	0	0	1
	20150	Unknown Hospital	0	0	1	1
	20170	Chippenham Hospital	6	0	0	6
		St. Francis Medical Center	0	1	0	4
	St. Francis Watkins Centre	0	1	0	1	
20230	Centra Southside Community Hospital	0	1	0	25	
	UVA Health System	2	0	0	2	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Old Dominion (cont.)		VCU Health Systems	2	0	0	2
	20250	John Randolph Medical Center	0	1	0	1
		Southside Regional Medical Center	13	0	0	13
		VCU Health Systems	4	0	0	4
	20310	Chippenham Hospital	2	0	0	2
	20790	Chippenham Hospital	67	0	0	67
		Henrico Doctors' Hospital	2	0	0	2
		Hunter Holmes McGuire VA Medical Center	0	1	0	2
		Johnston-Willis Hospital	2	0	0	2
		Memorial Regional Medical Center	0	1	0	4
		Parham Doctors' Hospital	0	1	0	1
		Retreat Doctors' Hospital	0	1	0	3
		Richmond Community Hospital	0	1	0	3
		St. Mary's Hospital	0	1	0	29
		VCU Health Systems	176	0	0	176
	20870	St. Mary's Hospital	0	1	0	1
		VCU Health Systems	2	0	0	2
	22030	VCU Health Community Memorial Hospital	0	1	0	5
		VCU Health Systems	4	0	0	4
	22050	Unknown Hospital	0	0	1	1
		Chippenham Hospital	1	0	0	1
		Southside Regional Medical Center	42	0	0	42
	22470	Southern Virginia Regional Medical Center	0	1	0	1
		Southside Regional Medical Center	2	0	0	2
		VCU Health Systems	1	0	0	1
	22650	John Randolph Medical Center	0	1	0	1
		Riverside Regional Medical Center	1	0	0	1
		Sentara Obici Hospital	0	1	0	1
	23110	Chippenham Hospital	1	0	0	1
		Henrico Doctors' Hospital	9	0	0	9
		Parham Doctors' Hospital	0	1	0	1
		St. Mary's Hospital	0	2	0	8
		VCU Health Systems	6	0	0	6
	23150	Sentara Halifax Regional Hospital	0	1	0	1
	23430	Centra Southside Community Hospital	0	1	0	5
		VCU Health Community Memorial Hospital	0	1	0	4
		VCU Health Systems	1	0	0	1
	23650	Chippenham Hospital	4	0	0	4
		Duke University Hospital	3	0	0	3
		Johnston-Willis Hospital	1	0	0	1
		UVA Health System	2	0	0	2
		VCU Health Systems	65	0	0	65
23910	Southside Regional Medical Center	8	0	0	8	
	VCU Health Systems	1	0	0	1	
Old Dominion Total			983	82	7	1,408
Peninsulas	10110	Bon Secours Mary Immaculate Hospital	0	1	0	1
		Riverside Regional Medical Center	1	0	0	1
		Riverside Walter Reed Hospital	0	1	0	9
	11970	Rappahannock General Hospital	0	1	0	1
		Riverside Tappahannock Hospital	0	1	0	2
	12450	Rappahannock General Hospital	0	1	0	1
		Riverside Walter Reed Hospital	0	1	0	8
	13330	Mary Washington Hospital	3	0	0	3

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total	
Peninsulas (cont.)	14590	Riverside Tappahannock Hospital	0	1	0	10	
	15690	Riverside Regional Medical Center	3	0	0	3	
		Riverside Walter Reed Hospital	0	1	0	16	
	16190	Unknown Hospital	0	0	1	1	
		Riverside Regional Medical Center	85	0	0	85	
		Sentara Careplex Hospital	0	2	0	47	
		Sentara Norfolk General Hospital	2	0	0	2	
	16710	Riverside Doctors' Hospital Williamsburg	0	1	0	38	
		Riverside Regional Medical Center	30	0	0	30	
		Sentara Williamsburg Regional Medical Center	0	1	0	62	
		VCU Health Systems	6	0	0	6	
	16990	Rappahannock General Hospital	0	1	0	5	
	17010	Riverside Walter Reed Hospital	0	1	0	1	
	17110	Memorial Regional Medical Center	0	1	0	3	
		VCU Health Systems	7	0	0	7	
	17270	Rappahannock General Hospital	0	1	0	9	
		VCU Health Systems	1	0	0	1	
	17770	Riverside Walter Reed Hospital	0	1	0	2	
	17950	Memorial Regional Medical Center	0	1	0	2	
	18090	Unknown Hospital	0	0	1	2	
		Riverside Walter Reed Hospital	0	1	0	1	
	18530	Rappahannock General Hospital	0	1	0	2	
		Riverside Walter Reed Hospital	0	1	0	3	
	18730	Riverside Tappahannock Hospital	0	1	0	3	
	19110	Bon Secours Mary Immaculate Hospital	0	2	0	12	
		Children's Hospital of The King's Daughters	0	1	0	1	
		Riverside Regional Medical Center	136	0	0	136	
		Sentara Careplex Hospital	0	1	0	2	
		Sentara Norfolk General Hospital	1	0	0	1	
	19450	Rappahannock General Hospital	0	1	0	1	
		Riverside Tappahannock Hospital	0	1	0	1	
		VCU Health Systems	1	0	0	1	
	20090	Riverside Regional Medical Center	4	0	0	4	
		Sentara Careplex Hospital	0	1	0	1	
	20810	Riverside Tappahannock Hospital	0	1	0	8	
		VCU Health Systems	2	0	0	2	
	24010	Mary Washington Hospital	4	0	0	4	
		Riverside Tappahannock Hospital	0	1	0	3	
		VCU Health Systems	1	0	0	1	
	24170	Riverside Doctors' Hospital Williamsburg	0	1	0	11	
		Riverside Regional Medical Center	6	0	0	6	
		Sentara Williamsburg Regional Medical Center	0	1	0	5	
	24350	Bon Secours Mary Immaculate Hospital	0	1	0	4	
		Riverside Doctors' Hospital Williamsburg	0	1	0	9	
		Riverside Regional Medical Center	17	0	0	17	
		Sentara Careplex Hospital	0	1	0	1	
		Sentara Williamsburg Regional Medical Center	0	1	0	6	
		VCU Health Systems	2	0	0	2	
	Peninsulas Total			312	37	2	606
	Rappahannock	10550	Unknown Hospital	0	0	1	1
		Fauquier Hospital	0	1	0	2	
12150		Mary Washington Hospital	3	0	0	3	
		Spotsylvania Regional Medical Center	0	2	0	5	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Rappahannock (cont.)		VCU Health Systems	3	0	0	3
	12270	Novant Health UVA Health System Culpeper Medical	0	1	0	1
	12510	Mary Washington Hospital	4	0	0	4
	13690	Fauquier Hospital	0	1	0	1
		Novant Health UVA Health System Culpeper Medical	0	1	0	17
	13710	Novant Health UVA Health System Culpeper Medical	0	1	0	5
	14810	Fauquier Hospital	0	1	0	32
		Inova Fairfax Hospital	4	0	0	4
		Novant Health UVA Health System Culpeper Medical	0	1	0	1
		Novant Health UVA Health System Haymarket Medical	0	1	0	1
		Winchester Medical Center	1	0	0	1
	15330	Mary Washington Hospital	23	0	0	23
	15350	Mary Washington Hospital	13	0	0	13
	17050	Mary Washington Hospital	19	0	0	19
		UM Charles Regional Medical Center	0	1	0	1
	17230	Mary Washington Hospital	2	0	0	2
		Novant Health UVA Health System Culpeper Medical	0	1	0	3
	17530	Unknown Hospital	0	0	1	8
		Chesapeake Regional Medical Center	0	1	0	1
		Sentara Leigh Hospital	0	1	0	2
		Sentara Williamsburg Regional Medical Center	0	1	0	1
		Southside Regional Medical Center	2	0	0	2
		St. Mary's Hospital	0	1	0	1
	17590	Fauquier Hospital	0	1	0	1
	20430	Mary Washington Hospital	1	0	0	1
		Sentara Northern Virginia Medical Center	0	1	0	2
		Stafford Hospital	0	1	0	6
	20630	Fauquier Hospital	0	1	0	1
	22110	Novant Health UVA Health System Culpeper Medical	0	1	0	2
	22130	Emergency & Outpatient Center - Lee's Hill	0	1	0	1
		Mary Washington Hospital	50	0	0	50
		Spotsylvania Regional Medical Center	0	1	0	26
	22150	Emergency & Outpatient Center - Lee's Hill	0	1	0	2
		Mary Washington Hospital	19	0	0	19
		Spotsylvania Regional Medical Center	0	1	0	7
	22190	Unknown Hospital	0	0	1	1
		Inova Fairfax Hospital	1	0	0	1
		Mary Washington Hospital	44	0	0	44
		Stafford Hospital	0	1	0	22
	23250	Inova Fairfax Hospital	1	0	0	1
	Residential Facility	0	1	0	1	
	UVA Health System	2	0	0	2	
23890	Fauquier Hospital	0	1	0	1	
Rappahannock Total			192	28	3	348
Southwest Virginia	10070	Bluefield Regional Medical Center	2	0	0	2
		Out of State Hospital Not Listed	0	1	0	1
	10090	Johnston Memorial Hospital	0	1	0	1
		Out of State Hospital Not Listed	0	1	0	2
	10610	Holston Valley Medical Center	1	0	0	1
		Lonesome Pine Hospital	0	2	0	17
	11150	Lonesome Pine Hospital	0	1	0	41
		Mountain View Regional Medical Center	0	1	0	1
	Norton Community Hospital	0	1	0	3	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Southwest Virginia (cont.)	11250	Wythe County Community Hospital	0	1	0	2
	11350	Unknown Hospital	0	0	1	1
		Bluefield Regional Medical Center	6	0	0	6
		Bristol Regional Medical Center	1	0	0	1
		Carilion Tazewell Community Hospital	0	1	0	1
	11570	Bristol Regional Medical Center	16	0	0	16
	12050	Northern Hospital of Surry County	0	1	0	1
	12190	Non-Hospital	0	0	1	2
		Northern Hospital of Surry County	0	1	0	1
		Novant Health Forsyth Medical Center	0	1	0	1
		Residential Facility	0	1	0	1
		Twin County Regional Hospital	0	1	0	19
		Wake Forest Baptist Medical Center	5	0	0	5
	12290	Russell County Medical Center	0	1	0	1
	12790	Johnston Memorial Hospital	0	1	0	3
		Lonesome Pine Hospital	0	1	0	2
		Out of State Hospital Not Listed	0	1	0	1
	13170	Russell County Medical Center	0	1	0	1
	13250	Dickenson Community Hospital	0	1	0	7
	14010	Dickenson Community Hospital	0	1	0	1
	14150	Holston Valley Medical Center	7	0	0	7
		Lonesome Pine Hospital	0	1	0	3
	15370	Unknown Hospital	0	0	1	2
	15390	Bristol Regional Medical Center	1	0	0	1
		Twin County Regional Hospital	0	1	0	1
	15490	Unknown Hospital	0	0	1	1
		Twin County Regional Hospital	0	2	0	18
	15630	Johnston Memorial Hospital	0	1	0	1
	15770	Bristol Regional Medical Center	6	0	0	6
	16070	Bristol Regional Medical Center	1	0	0	1
		Holston Valley Medical Center	1	0	0	1
		Wake Forest Baptist Medical Center	1	0	0	1
	16270	Bristol Regional Medical Center	1	0	0	1
		Buchanan General Hospital	0	1	0	1
		Dickenson Community Hospital	0	1	0	1
	16410	Carilion Tazewell Community Hospital	0	1	0	1
	16590	Carilion Roanoke Memorial Hospital	1	0	0	1
		Non-Hospital	0	0	1	1
		Twin County Regional Hospital	0	1	0	13
	16770	Holston Valley Medical Center	1	0	0	1
		Lonesome Pine Hospital	0	1	0	3
	16850	Holston Valley Medical Center	5	0	0	5
		Lonesome Pine Hospital	0	1	0	6
	17310	Northern Hospital of Surry County	0	1	0	1
		Twin County Regional Hospital	0	1	0	4
	17350	Twin County Regional Hospital	0	1	0	2
	17390	Carilion Roanoke Memorial Hospital	1	0	0	1
		LewisGale Hospital Pulaski	0	1	0	1
		Twin County Regional Hospital	0	1	0	1
		Wythe County Community Hospital	0	1	0	5
17410	Russell County Medical Center	0	1	0	3	
17430	Lonesome Pine Hospital	0	1	0	7	
	Non-Hospital	0	0	1	1	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Southwest Virginia (cont.)	18370	Unknown Hospital	0	0	1	1
		Buchanan General Hospital	0	1	0	4
		Carilion Tazewell Community Hospital	0	1	0	1
		Clinch Valley Medical Center	0	1	0	1
	18850	Johnston Memorial Hospital	0	1	0	2
	19030	Bristol Regional Medical Center	1	0	0	1
		Clinch Valley Medical Center	0	1	0	1
		Russell County Medical Center	0	1	0	4
	19190	Holston Valley Medical Center	8	0	0	8
		Indian Path Medical Center	0	1	0	1
	19470	Johnson City Medical Center	1	0	0	1
		Norton Community Hospital	0	1	0	4
	19590	Buchanan General Hospital	0	1	0	1
		Clinch Valley Medical Center	0	1	0	3
	20050	Twin County Regional Hospital	0	1	0	2
		Wake Forest Baptist Medical Center	2	0	0	2
	20130	Mountain View Regional Medical Center	0	1	0	1
		Norton Community Hospital	0	1	0	1
	20190	Buchanan General Hospital	0	1	0	5
		Pikeville Medical Center	1	0	0	1
	20670	Unknown Hospital	0	0	1	1
		Buchanan General Hospital	0	1	0	1
		Clinch Valley Medical Center	0	1	0	1
	20750	Bristol Regional Medical Center	1	0	0	1
		Johnston Memorial Hospital	0	1	0	1
		Smyth County Community Hospital	0	1	0	1
	21310	Ashe Memorial Hospital	0	1	0	1
		Smyth County Community Hospital	0	1	0	1
		Twin County Regional Hospital	0	1	0	1
		Wake Forest Baptist Medical Center	1	0	0	1
	21330	Carilion Roanoke Memorial Hospital	1	0	0	1
		Wythe County Community Hospital	0	1	0	3
	21510	Holston Valley Medical Center	11	0	0	11
		Indian Path Medical Center	0	2	0	5
	21930	Bristol Regional Medical Center	1	0	0	1
		Carilion Roanoke Memorial Hospital	1	0	0	1
		Johnson City Medical Center	1	0	0	1
		Johnston Memorial Hospital	0	1	0	1
	22610	Smyth County Community Hospital	0	1	0	1
	22750	Smyth County Community Hospital	0	1	0	1
	22870	Middlesboro ARH Hospital	0	1	0	4
		Out of State Hospital Not Listed	0	1	0	1
	22970	Johnston Memorial Hospital	0	1	0	2
		Smyth County Community Hospital	0	1	0	3
	23010	Bristol Regional Medical Center	2	0	0	2
		Johnson City Medical Center	1	0	0	1
		Smyth County Community Hospital	0	1	0	8
	23030	Unknown Hospital	0	0	1	14
	23050	Bristol Regional Medical Center	3	0	0	3
		Carilion Tazewell Community Hospital	0	2	0	7
	Holston Valley Medical Center	2	0	0	2	
23090	Bristol Regional Medical Center	1	0	0	1	
23330	Johnston Memorial Hospital	0	1	0	1	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Southwest Virginia (cont.)	23350	Lonesome Pine Hospital	0	1	0	1
	23670	Bristol Regional Medical Center	11	0	0	11
		Holston Valley Medical Center	4	0	0	4
		Johnson City Medical Center	2	0	0	2
		Pikeville Medical Center	2	0	0	2
	23850	Bristol Regional Medical Center	7	0	0	7
		Johnston Memorial Hospital	0	1	0	4
	23870	Unknown Hospital	0	0	1	4
		Johnston Memorial Hospital	0	1	0	14
	24270	Bristol Regional Medical Center	1	0	0	1
		Mountain View Regional Medical Center	0	1	0	2
		Norton Community Hospital	0	1	0	7
	24310	Unknown Hospital	0	0	1	1
		Johnson City Medical Center	1	0	0	1
		Smyth County Community Hospital	0	1	0	1
	Wythe County Community Hospital	0	1	0	9	
Southwest Virginia Total			124	83	11	446
Thomas Jefferson	10270	Sentara Martha Jefferson Hospital	0	1	0	23
		Sentara Martha Jefferson Outpatient Care Center at P	0	1	0	3
		UVA Health System	67	0	0	67
	12610	Unknown Hospital	0	0	1	1
		UVA Health System	7	0	0	7
	12630	Sentara Martha Jefferson Hospital	0	2	0	22
		Sentara Martha Jefferson Outpatient Care Center at P	0	1	0	1
		UVA Health System	47	0	0	47
	15010	Sentara Martha Jefferson Hospital	0	1	0	1
		UVA Health System	10	0	0	10
	15910	Unknown Hospital	0	0	1	6
		Sentara Martha Jefferson Outpatient Care Center at P	0	1	0	2
		UVA Health System	14	0	0	14
	15930	UVA Health System	1	0	0	1
	17210	Sentara Martha Jefferson Hospital	0	1	0	3
		UVA Health System	9	0	0	9
	17710	Henrico Doctors' Hospital	4	0	0	4
		Parham Doctors' Hospital	0	1	0	1
		Sentara Martha Jefferson Hospital	0	1	0	6
		Spotsylvania Regional Medical Center	0	1	0	3
		UVA Health System	21	0	0	21
		VCU Health Systems	2	0	0	2
		West Creek Emergency Center	0	1	0	1
	17870	Novant Health UVA Health System Culpeper Medical	0	1	0	5
		Sentara Martha Jefferson Outpatient Care Center at P	0	1	0	1
		UVA Health System	2	0	0	2
	17890	Novant Health UVA Health System Culpeper Medical	0	1	0	2
		UVA Health System	4	0	0	4
	19930	UVA Health System	29	0	0	29
	21230	Centra Lynchburg General Hospital	1	0	0	1
	21550	Sentara Martha Jefferson Hospital	0	1	0	1
		UVA Health System	1	0	0	1
23990	Sentara Martha Jefferson Hospital	0	1	0	1	
	UVA Health System	7	0	0	7	
24250	Augusta Health	0	1	0	2	
	Sentara Martha Jefferson Hospital	0	1	0	2	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Thomas Jefferson (cont.)		UVA Health System	16	0	0	16
Thomas Jefferson Total			242	19	2	329
Tidewater	10130	Unknown Hospital	0	0	1	3
		Peninsula Regional Medical Center	5	0	0	5
		Riverside Shore Memorial Hospital	0	2	0	11
	11490	Southampton Memorial Hospital	0	1	0	1
	12090	Southampton Memorial Hospital	0	1	0	2
		Southern Virginia Regional Medical Center	0	1	0	2
	12710	Bon Secours Health Center at Harbour View	0	1	0	3
		Bon Secours Maryview Medical Center	0	1	0	4
		Chesapeake Regional Medical Center	0	1	0	52
		Children's Hospital of The King's Daughters	0	1	0	8
		Naval Medical Center Portsmouth	0	1	0	3
		Sentara BelleHarbour	0	1	0	2
		Sentara Leigh Hospital	0	1	0	1
		Sentara Norfolk General Hospital	50	0	0	50
		Sentara Obici Hospital	0	1	0	2
	12810	Prince George's Hospital Center	3	0	0	3
		Riverside Shore Memorial Hospital	0	1	0	1
	13090	Children's Hospital of The King's Daughters	0	2	0	10
		Sentara Independence	0	1	0	1
		Sentara Leigh Hospital	0	2	0	56
		Sentara Norfolk General Hospital	9	0	0	9
		Sentara Princess Anne Hospital	0	2	0	50
		Sentara Virginia Beach General Hospital	241	0	0	241
	13430	Riverside Shore Memorial Hospital	0	1	0	2
	13530	Sentara Norfolk General Hospital	1	0	0	1
		Southampton Memorial Hospital	0	1	0	6
		VCU Health Systems	1	0	0	1
	15290	Southampton Memorial Hospital	0	1	0	9
	16650	Riverside Regional Medical Center	9	0	0	9
		Sentara Norfolk General Hospital	1	0	0	1
		Sentara Obici Hospital	0	2	0	11
		Southampton Memorial Hospital	0	1	0	1
	18250	VCU Health Systems	1	0	0	1
	18330	Riverside Shore Memorial Hospital	0	1	0	1
	18890	Sentara Obici Hospital	0	1	0	1
	19210	Children's Hospital of The King's Daughters	0	1	0	3
		Riverside Regional Medical Center	2	0	0	2
		Sentara Norfolk General Hospital	67	0	0	67
		Southside Regional Medical Center	1	0	0	1
		VCU Health Systems	2	0	0	2
	19290	Unknown Hospital	0	0	1	6
		Bon Secours DePaul Medical Center	0	1	0	8
		Children's Hospital of The King's Daughters	0	1	0	4
		Sentara Leigh Hospital	0	1	0	6
		Sentara Norfolk General Hospital	121	0	0	121
	19390	Riverside Shore Memorial Hospital	0	1	0	12
		Sentara Norfolk General Hospital	1	0	0	1
20110	Bon Secours Maryview Medical Center	0	1	0	46	
	Children's Hospital of The King's Daughters	0	1	0	3	
	Naval Medical Center Portsmouth	0	1	0	3	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Tidewater (cont.)		Sentara BelleHarbour	0	1	0	1
		Sentara Norfolk General Hospital	22	0	0	22
	21490	Riverside Shore Memorial Hospital	0	1	0	1
	22590	Unknown Hospital	0	0	1	2
		Bon Secours Health Center at Harbour View	0	1	0	1
		Children's Hospital of The King's Daughters	0	1	0	1
		Sentara BelleHarbour	0	1	0	2
		Sentara Norfolk General Hospital	18	0	0	18
		Sentara Obici Hospital	0	1	0	17
	22910	Bon Secours Maryview Medical Center	0	1	0	1
		Sentara Leigh Hospital	0	1	0	1
	22930	Bon Secours DePaul Medical Center	0	1	0	1
		Bon Secours Maryview Medical Center	0	1	0	2
		Chesapeake Regional Medical Center	0	1	0	1
		Children's Hospital of The King's Daughters	0	1	0	2
		Naval Medical Center Portsmouth	0	2	0	3
		Sentara Norfolk General Hospital	2	0	0	2
		Sentara Virginia Beach General Hospital	1	0	0	1
Tidewater Total			558	51	3	928
Western Virginia	10670	Northern Hospital of Surry County	0	1	0	1
	10850	Danville Regional Medical Center	0	1	0	3
	10890	Memorial Hospital of Martinsville & Henry County	0	2	0	5
		Novant Health Forsyth Medical Center	0	1	0	1
	11170	Unknown Hospital	0	0	1	1
		Carilion Roanoke Memorial Hospital	1	0	0	1
		LewisGale Hospital Montgomery	34	0	0	34
	11230	Centra Gretna Medical Center	0	1	0	1
		Danville Regional Medical Center	0	1	0	1
	11310	Carilion Roanoke Memorial Hospital	1	0	0	1
	11330	Northern Hospital of Surry County	0	1	0	3
	11390	LewisGale Hospital Alleghany	0	1	0	1
	11430	Carilion Roanoke Memorial Hospital	13	0	0	13
		LewisGale Medical Center	0	1	0	1
	11690	Danville Regional Medical Center	0	1	0	4
	11950	Memorial Hospital of Martinsville & Henry County	0	1	0	1
	12130	Carilion Giles Community Hospital	0	1	0	4
		Carilion Roanoke Memorial Hospital	1	0	0	1
		Out of State Hospital Not Listed	0	1	0	1
	12350	Carilion Roanoke Memorial Hospital	14	0	0	14
		LewisGale Medical Center	0	1	0	4
	12370	Pioneer Community Hospital of Patrick	0	1	0	1
	12670	Centra Gretna Medical Center	0	1	0	4
		Centra Lynchburg General Hospital	1	0	0	1
	12850	Carilion New River Valley Medical Center	18	0	0	18
		LewisGale Hospital Montgomery	15	0	0	15
	13210	LewisGale Hospital Alleghany	0	1	0	14
	13490	Carilion Roanoke Memorial Hospital	1	0	0	1
		Centra Gretna Medical Center	0	1	0	2
	13550	Alleghany Memorial Hospital	0	1	0	1
		LewisGale Hospital Alleghany	0	1	0	7
	13570	Carilion Giles Community Hospital	0	1	0	1
		Carilion Roanoke Memorial Hospital	2	0	0	2
	LewisGale Medical Center	0	1	0	1	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Western Virginia (cont.)	13850	Danville Regional Medical Center	0	1	0	50
	14230	LewisGale Hospital Alleghany	0	1	0	1
	14770	Carilion Roanoke Memorial Hospital	1	0	0	1
		Non-Hospital	0	0	1	1
	14850	Carilion Roanoke Memorial Hospital	2	0	0	2
		Memorial Hospital of Martinsville & Henry County	0	1	0	8
		Wake Forest Baptist Medical Center	2	0	0	2
	14870	LewisGale Medical Center	0	1	0	1
	14950	Carilion New River Valley Medical Center	9	0	0	9
		Carilion Roanoke Memorial Hospital	1	0	0	1
		Twin County Regional Hospital	0	1	0	1
	15250	Carilion Franklin Memorial Hospital	0	1	0	6
		Carilion Roanoke Memorial Hospital	9	0	0	9
		Memorial Hospital of Martinsville & Henry County	0	1	0	1
	15270	Carilion Franklin Memorial Hospital	0	1	0	4
		Carilion Roanoke Memorial Hospital	4	0	0	4
	16350	Unknown Hospital	0	0	1	1
		Carilion Roanoke Memorial Hospital	1	0	0	1
		Memorial Hospital of Martinsville & Henry County	0	2	0	13
		Morehead Memorial Hospital	0	2	0	2
	16790	Memorial Hospital of Martinsville & Henry County	0	1	0	2
		Pioneer Community Hospital of Patrick	0	1	0	7
	17650	LewisGale Hospital Montgomery	1	0	0	1
	18070	Memorial Hospital of Martinsville & Henry County	0	1	0	11
	18270	Unknown Hospital	0	0	1	1
		Carilion Roanoke Memorial Hospital	51	0	0	51
		Centra Gretna Medical Center	0	1	0	1
		Duke University Hospital	1	0	0	1
		Out of State Hospital Not Listed	0	1	0	1
		UVA Health System	1	0	0	1
	18790	Danville Regional Medical Center	0	1	0	1
	18810	Danville Regional Medical Center	0	1	0	1
	19890	Pioneer Community Hospital of Patrick	0	1	0	1
	20490	Unknown Hospital	0	0	1	1
		Carilion New River Valley Medical Center	12	0	0	12
	20550	Carilion Roanoke Memorial Hospital	2	0	0	2
	20570	Carilion New River Valley Medical Center	17	0	0	17
		LewisGale Hospital Pulaski	0	1	0	9
	20590	Unknown Hospital	0	0	1	3
		Centra Lynchburg General Hospital	1	0	0	1
		Danville Regional Medical Center	0	1	0	23
		Morehead Memorial Hospital	0	1	0	1
	20890	Memorial Hospital of Martinsville & Henry County	0	2	0	2
		Morehead Memorial Hospital	0	1	0	1
		Novant Health Forsyth Medical Center	0	1	0	1
	20910	Unknown Hospital	0	0	1	1
		Carilion New River Valley Medical Center	5	0	0	5
		Carilion Roanoke Memorial Hospital	2	0	0	2
	20930	Danville Regional Medical Center	0	1	0	5
	21030	Carilion Roanoke Memorial Hospital	40	0	0	40
	LewisGale Medical Center	0	1	0	9	
21050	Carilion Roanoke Memorial Hospital	2	0	0	2	
21090	Carilion Roanoke Memorial Hospital	67	0	0	67	

Supplemental Table 6. Trauma Triage Step 1 Met Criteria By EMS Agency By Destination Hospital, VA, 2016

EMS Council Region	Agency Data ID	Hospital	Trauma Center	Non Trauma Center	Unknown or Not Reported	Grand Total
Western Virginia (cont.)		LewisGale Medical Center	0	1	0	6
		Salem VA Medical Center	0	1	0	1
	21370	Carilion Roanoke Memorial Hospital	10	0	0	10
		LewisGale Medical Center	0	1	0	20
		Salem VA Medical Center	0	1	0	1
	21390	LewisGale Medical Center	0	1	0	1
	21570	Carilion Roanoke Memorial Hospital	1	0	0	1
	21690	Carilion New River Valley Medical Center	2	0	0	2
		LewisGale Medical Center	0	1	0	1
	21910	Pioneer Community Hospital of Patrick	0	1	0	3
	22430	Carilion Roanoke Memorial Hospital	1	0	0	1
		LewisGale Medical Center	0	1	0	1
		Memorial Hospital of Martinsville & Henry County	0	1	0	4
	23130	Danville Regional Medical Center	0	1	0	1
	23450	Carilion Roanoke Memorial Hospital	5	0	0	5
		LewisGale Medical Center	0	1	0	1
	23470	Carilion Roanoke Memorial Hospital	7	0	0	7
	23710	LewisGale Hospital Montgomery	5	0	0	5
24070	LewisGale Hospital Alleghany	0	1	0	2	
Western Virginia Total			363	64	7	639
Out of State	10250	Unknown Hospital	0	0	1	5
		Carilion Roanoke Memorial Hospital	9	0	0	9
		Duke University Hospital	3	0	0	3
		Wake Forest Baptist Medical Center	11	0	0	11
	10390	Bristol Regional Medical Center	1	0	0	1
	10490	Unknown Hospital	0	0	2	28
		VCU Health Systems	1	0	0	1
	18290	Unknown Hospital	0	0	2	27
	18390	Children's National Medical Center	1	0	0	1
		Inova Fair Oaks Hospital	0	1	0	1
		Inova Fairfax Hospital	3	0	0	3
		Reston Hospital Center	7	0	0	7
		StoneSprings Hospital Center	0	1	0	1
		The George Washington University Hospital	5	0	0	5
		Virginia Hospital Center	0	1	0	5
		Western Maryland Regional Medical Center	0	1	0	1
	18430	Inova Fairfax Hospital	1	0	0	1
		MedStar Washington Hospital Center	1	0	0	1
		VCU Health Systems	1	0	0	1
	20650	LewisGale Hospital Alleghany	0	1	0	2
	Non-Hospital	0	0	1	1	
Out of State Total			44	5	6	115
Grand Total			3,850	486	53	7,197