

Ohio Department of Public Safety
Division of Emergency Medical Services
Office of Research and Analysis



Summary of Research Data Requests

2007



This document contains a brief summary of all requests that were made in 2007 for research data from the EMS Office of Research and Analysis.

The summary of each request contains the date the request was made, the reference number that the request was assigned, who made the request, a synopsis of what was requested, and finally, what data sources were used to fulfill the request.

The purpose of this document is to demonstrate to both the EMS and trauma care communities that the data they work diligently to collect and submit are not just being sent into a “black hole” but are, in fact, being used to improve care given to ill and injured people, as well as to enhance the systems delivering that care.

You may note that several requests have a summary that states “Unable to fulfill due to confidentiality restrictions.” We include these to reassure the providers of data that while we are eager for the data to be used to improve care, we are also very conscientious of the various privacy concerns of the patient and the providers of care, and adhere to the laws and rules that govern privacy.

The data sources listed in this document are abbreviated. Below are the translations for these abbreviations:

- Agency DB – Agency Database; houses information on each EMS agency in the state.
- Certifications DB – Certifications Database; houses information on the people who hold certification by the State of Ohio as EMT or firefighter
- Education DB – Education Database; houses information on all EMS and Fire educational institution allowed to operate in the State of Ohio.
- EMSIRS – The EMS Incident Reporting System; houses information on all emergency runs made by emergency medical services.
- Grants DB – Grants Database; houses information on the grant funds distributed to EMS agencies for training and equipment, as well as funds distributed for research into EMS and trauma care.
- TACR – Trauma Acute Care Registry; a module of the Ohio Trauma Registry, this houses cause of injury, treatment and outcome information on all seriously injured persons admitted to hospitals in the State of Ohio.
- TRR – Trauma Rehabilitation Registry; a module of the Ohio Trauma Registry, this houses admission and discharge assessments of functional impairment of trauma patients sent to inpatient rehabilitation facilities.

Finally, we would like to acknowledge all of the people across Ohio who work so hard to collect and submit the data stored in these databases that are used to make EMS and trauma care better for everyone. Without their care and attention to detail, none of this would be possible. Thank you, and well done.

Research Data Requests - 2007

Date	Number	Organization	Summary of request	Data Source(s)
1/2/07	07-001	Xenia FD	Number of times diltiazem was administered in Region 2	EMSIRS
1/18/07	07-002	EMS Board	Multiple requests from the EMS Board for strategic planning sessions	EMSIRS, TACR
1/23/07	07-003	Xenia FD	Number of incidents in Region 2	EMSIRS
1/23/07	07-004	Stark County Safe Committee	Locations of all injury accidents in Stark County to be given to the Stark Co. Auditors office for mapping.	EMSIRS
1/29/07	07-005	US Sportsmen's Alliance	Number of traumatic brain injury incidents in Ohio annually; number of deaths due to traumatic brain injury; number of hospitalizations due to traumatic brain injury.	TACR
1/29/07	07-006	Florida EMS Advisory Council	Comparison of gross mortality of FL-defined geriatric patients (55+) and OH-defined geriatric patients (70+), specifically those with resp. rate >30, GSW to extremity, long bone fracture from motor vehicle crash, and degloving injury	TACR
1/24/07	07-007	---	Unable to fulfill due to confidentiality restrictions	
2/2/07	07-008	EMS Board - RPAB Region 1	Region 1 benchmark data with county breakdown	EMSIRS
2/5/07	07-009	EMS Division Staff	Number of Medical Directors with three or more agencies; average number of agencies handled by Medical Directors; and average number of incidents.	EMSIRS
2/7/07	07-010	Dayton FD	Number of EMTs and FFs per county for given list of counties	Certification DB
2/7/07	07-011	Ohio Department of Health	Busiest and slowest days for trauma admissions for each year	TACR
2/20/07	07-012	EMS Board - HB 375 Workgroup	Number of EMS transports per RPAB region; number of transports per Homeland Security region; number of EMS agencies per RPAB region; number of EMS agencies per Homeland Security region	EMSIRS, TACR
2/22/07	07-013	Summa Health Systems	Geriatric patients refusing EMS care	EMSIRS
2/27/07	07-014	Individual	Fax numbers for agencies in Ashtabula, Lake, Cuyahoga, Geauga, Trumbull, Mahoning, Portage, Summit, Stark, Columbiana, Carroll, Tuscarawas and Jefferson counties.	Agency DB
2/19/07	07-015	---	Unable to fulfill due to confidentiality restrictions	
2/28/07	07-016	Dayton Children's Hospital	Information on pediatric patients with abuse-related causes	TACR
3/2/07	07-017	Strategic Health Care (for Care Path EBM)	List of trauma centers that treat the most traumatic brain injury patients	TACR
3/2/07	07-018	CODES Program	Number of trauma patients transferred more than once	TACR
3/5/07	07-019	EMS Division Staff	Number of fire-based EMS agencies.	Agency DB
3/6/07	07-020	Summa Health Systems	Geriatric refusal study additional information	EMSIRS
3/8/07	07-021	Cleveland EMS	Large city EMS performance improvement data for comparison	EMSIRS
3/9/07	07-022	Strategic Health Care (for Care Path EBM)	Count of traumatic brain injury patients by county of injury	TACR
3/13/07	07-023	Columbus Children's Hospital	Data on pediatric spleen injuries	TACR
3/14/07	07-024	Akron Children's Hospital	Top two discharge diagnoses from specified 17 county area	TACR
3/22/07	07-025	Wooster Twp FD	List of individuals and their certifications that are shown as being associated with the Wooster Township Fire Department.	Agency DB
3/22/07	07-026	Central Ohio Trauma System	Emergency department length of stay data for COTS member hospitals	TACR
3/30/07	07-027	EMS Board - EMS for Children	Total number of injured children (<=14 y/o) in OTR and total number of children who died in last complete 12 month period	TACR
3/28/07	07-028	Canton Repository	All runs made in Stark County, heavily de-identified.	EMSIRS
3/29/07	07-029	EMS Division Staff	Classifications of equipment, training and training equipment purchased with grant funds	Grants DB

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Date	Number	Organization	Summary of request	Data Source(s)
3/30/07	07-030	---	Unable to fulfill - requested data not collected	
4/4/07	07-031	EMS Public Information Officer	Number of EMS runs made in Franklin County	EMSIRS
4/9/07	07-032	---	Unable to fulfill - requested data not collected	
4/12/07	07-033	Voinovich Center for Morgan County's Family and Children First Council	Number of children transported for injuries, cross-tabulated by age group and cause for Morgan County and Ohio	EMSIRS
4/17/07	07-034	EMS Board	Contact information on Basic and Intermediate services in Ohio	Agency DB
4/20/07	07-035	Individual	Count of EMTs/FF in Champaign, Darke, Greene, Miami, Montgomery, Preble and Shelby counties.	Certification DB
4/25/07	07-036	Miami Valley Hospital	EMS transport volume data for given counties and given receiving hospitals	EMSIRS
5/1/07	07-037	EMS EXPO	Addresses of Ohio agencies	Agency DB
5/2/07	07-038	---	Unable to fulfill due to confidentiality restrictions	
5/17/07	07-039	EMS Division Staff	Count of dual EMT/firefighter certificate holders	Certification DB
5/14/07	07-040	EMS Public Information Officer	Pediatric injury data for trauma season promotions/releases	EMSIRS, TACR
5/22/07	07-041	SUNY Upstate Medical University	Fill out survey regarding state protocols for giving glucose, dextrose and glucagon by cert level	EMSIRS
5/23/07	07-042	Harrison County Commissioners	Time segment benchmarks for state, Region 6 and Harrison County	EMSIRS
5/30/07	07-043	University Hospital	Number of cardiac-related calls in Hamilton, Butler, Warren, Clermont and Clinton Counties	EMSIRS
5/31/07	07-044	---	Unable to fulfill due to confidentiality restrictions	
6/6/07	07-045	EMS Board - EMS Medical Director	Medical Directors for Williams, Fulton, Lucas, Henry, Paulding, Putnam, Mercer, Allen, Ottawa and Logan	Agency DB
6/6/07	07-046	Trumbull Memorial Hosp	Region 10 volume of trauma.	TACR
6/6/07	07-047	Ohio Department of Health	Compare EMS times for CVA patients pre- and post- Advanced Stroke Life Support training	EMSIRS
6/11/07	07-048	EMS Public Information Officer	Count of ATV injuries	TACR
6/5/07	07-049	Cleveland Clinic	Various care-related data fields for Cleveland area trauma victims	TACR
6/25/07	07-050	Lucas Co. Safe Communities	Leading causes of death and injury in Lucas County	TACR
7/11/07	07-051	Safe Kids Greater Toledo	Count by incident county, patient age, patient gender, patient race and mechanism of injury.	TACR
7/16/07	07-052	EMS Board - EMS for Children	Count of destination determination for pediatric patients	EMSIRS
7/18/07	07-053	Ohio ACEP	Average response times for background info on HB 212	EMSIRS
7/17/07	07-054	Akron Children's Hospital	Count of pediatric transports broken down by trauma vs medical. Percentage of pediatric runs compared to overall runs. # of IV/IO and # of ETT (attempts/successful)	EMSIRS
7/31/07	07-055	Trumbull Memorial Hospital	Mortality causes	TACR
7/25/07	07-056	NW Ohio Regional Trauma Registry	Risk-adjusted data on trauma patients transferred from an emergency department to a trauma center	TACR
8/1/07	07-057	Clermont County Health district	Geriatric fall data for Clermont County	EMSIRS
8/1/07	07-058	ESO Solutions	Requested the agency list in excel format.	Agency DB
8/6/07	07-059	EMS Division Staff	Report on EMS agency grantees with outstanding balance over \$300.00.	Grants DB
8/3/07	07-060	OSU Emergency medicine	Data on geriatric trauma patients and mortality	TACR
8/7/07	07-061	Individual	Provide performance improvement reports as on website for specified area	EMSIRS
8/7/07	07-062	EMS Division Staff	Count by birth month of dual certification holders.	Certification DB
8/14/07	07-063	---	Unable to fulfill - requested data not collected	
8/15/07	07-064	Red Cross	Count of patients by nature of call by disposition.	EMSIRS

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Date	Number	Organization	Summary of request	Data Source(s)
8/16/07	07-065	Greater Cincinnati MMRS	The total number of certified EMTs residing within Adams, Brown, Butler, Clermont, Clinton, Hamilton, Highland and Warren counties	Certification DB
8/21/07	07-066	OSU Emergency Medicine	Airway management information on trauma patients admitted to hospitals	TACR
8/29/07	07-067	Summa Health Systems	Airway procedures on the ten squads under their medical direction and same for Region 8 as a whole.	EMSIRS
9/4/07	07-068	St. Elizabeth Medical Center	Region 10 medical directors	Agency DB
9/12/07	07-069	Individual	Benchmarks for Region 1 with county breakdowns.	EMSIRS
9/11/07	07-070	KJ Trauma Consulting LLC	Level 3 trauma center data	TACR
9/10/07	07-071	Central Ohio Trauma System	Trauma scene time data	EMSIRS
9/12/07	07-072	Central Ohio Trauma System	Trauma center autopsy rates	TACR
9/17/07	07-073	NW Ohio Regional Trauma Registry	Information on trauma patients admitted to specified hospitals in NW Ohio	TACR
9/18/07	07-074	EMS Board - EMS for Children	Data to mirror geriatric study for ages 18 and under.	TACR
9/21/07	07-075	EMS Division Staff	Grant distribution graphs.	Grants DB
9/24/07	07-076	Mount Carmel Hospital	Count of incidents from Franklin, Fairfield, Licking, Union, Delaware, Pickaway, Madison and Fayette counties	EMSIRS
9/26/07	07-077	NW Ohio Regional Trauma Registry	List of Region 10 hospitals and total number of TACR records submitted by those hospitals (aggregate)	TACR
10/8/07	07-078	Miami Valley Hospital	EMS transport volume data for given counties and given receiving hospitals	EMSIRS
10/10/07	07-079	NW Ohio Regional Trauma Registry	Complication data for obese trauma patients	TACR
10/18/07	07-080	The Daily Record	Create regional performance improvement benchmark report for Holmes County and for volunteer agencies in Wayne county.	EMSIRS
10/19/07	07-081	Southeast Regional Medical Center	Level 3 trauma center patient with operative procedures summary	TACR
10/16/07	07-082	Nationwide Children's Hospital	Frequency of intubation of pediatric scald patients	TACR
10/16/07	07-083	---	Unable to fulfill due to confidentiality restrictions	
10/24/07	07-084	Univ. of Illinois, Chicago	Data on trauma patients with agriculture-related injuries	TACR
10/26/07	07-085	Individual	Count of gunshot wounds in Union county by year and type of firearm; on-scene time segment for GSW patients.	EMSIRS, TACR
10/30/07	07-086	Union Hospital	EMS helicopter use in Tuscarawas county	EMSIRS
11/5/07	07-087	EMS Board - Grants	Any EMS agency grantee from 2006-2007 who have a balance or has never reported an invoice.	Grants DB
11/8/07	07-088	Nationwide Children's Hospital	Number of children injured in Franklin County and Ohio	EMSIRS
11/14/07	07-089	EMS Division Staff	Award vs Budget reported and percentage of budget award represents.	Grants DB
11/7/07	07-090	Southwest General Hospital	Count of patients transported to SGH by 16 specific departments	EMSIRS
11/15/07	07-091	Bethesda North Hospital	List of all active schools with coordinator names, school addresses	Education DB
11/13/07	07-092	NW Ohio Regional Trauma Registry	Expanded version of the obese trauma patient study	TACR
11/16/07	07-093	EMS Board - RPAB Region 1	Region 1 benchmark data.	EMSIRS
11/13/07	07-094	NW Ohio Regional Trauma Registry	Risk-adjusted data on trauma patients transferred from an ED to a trauma center	TACR
11/13/07	07-095	NW Ohio Regional Trauma Registry	Traumatic brain injury data for comprehensive report	TACR
11/16/07	07-096	Safe Kids	Non-fatal injury data on pediatric patients in Erie, Huron, Ottawa, Sandusky counties.	TACR
11/26/07	07-097	OSU Emergency Medicine	Count of EMS incidents per year for 2006 and 2007.	EMSIRS
11/29/07	07-098	Fox 8 News Cleveland	Data on EMS response to and treatment of cardiac arrests in metropolitan areas and several specific counties	EMSIRS
12/17/07	07-099	Ohio Health	Count of EMTs	Certification DB

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Date	Number	Organization	Summary of request	Data Source(s)
12/19/07	07-100	State Fire Marshall Ohio Fire Academy	Count of the number of certified firefighters and EMS providers by county.	Certification DB
12/19/07	07-101	EMS Board - Trauma Committee	Count of geriatric trauma pts who would have been triaged to trauma centers in 2006 under new triage rules.	TACR
12/20/07	07-102	Individual	Count of EMS agencies entering EMSIRS data directly through website	EMSIRS
11/9/07	07-103	EMS Board - Trauma Committee	Summary analysis of estimated impact of geriatric triage rules.	TACR