

Supplementary Table 2. Trends in Emergency Room Visits and Deaths within 7 Days between 2014 and 2016 according to the Age, Sex, and Socioeconomic Position

A. Monthly number of emergency room visit and deaths within 7 days according to the age, sex, and socioeconomic position.

Year	Month	Total		Age						Sex				Socioeconomic position*									
				Child (0–19)		Adult (20–59)		Elderly (60–)		Male		Female		Q1, Lowest		Q2, Lower		Q3, medium		Q4, higher		Q5, highest	
		Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths
2014	Jan	447066	5573	128049	76	209968	2158	109049	4232	229182	3319	217884	2254	57813	803	59067	665	77988	807	100325	1044	114953	1479
	Feb	438115	5944	137896	85	192624	2208	107595	4564	224311	3465	213804	2479	56089	797	56860	673	76665	824	98937	1096	113411	1703
	Mar	437415	5716	130203	68	195830	2219	111382	4297	229655	3316	207760	2400	57104	807	57295	642	75139	806	97672	998	112788	1643
	Apr	419853	5337	131459	63	184430	2026	103964	4049	224037	3135	195816	2202	54716	835	55825	627	73450	756	93575	946	106432	1409
	May	492779	5519	157768	84	217439	2231	117572	4078	261698	3287	231081	2232	63652	769	65292	708	86775	828	111009	999	125601	1474
	Jun†	467394	4975	147228	61	211379	2030	108787	3653	249762	2976	217632	1999	60646	740	62534	602	82436	732	104784	876	118611	1384
	Jul†	462225	4899	138209	72	215094	2003	108922	3573	246721	2852	215504	2047	60573	685	62587	607	81835	723	101858	892	117059	1349
	Aug	479792	5115	129017	53	234670	2125	116105	3771	256372	3154	223420	1961	63834	709	65531	644	84629	759	104837	981	121528	1433
	Sep	478658	5253	131318	67	229731	2194	117609	3841	251922	3074	226736	2179	63359	759	64628	624	83592	737	104962	934	122570	1488
	Oct	426750	5530	113459	59	204017	2216	109274	4141	225525	3288	201225	2242	57231	815	57454	675	74485	776	93081	999	108766	1577
	Nov	419735	5420	123036	71	192536	2098	104163	4111	219594	3110	200141	2310	55077	786	55981	600	74724	710	92650	974	106937	1594
	Dec	451411	6080	133188	62	209484	2401	108739	4561	230062	3562	221349	2518	59641	862	60951	677	79745	963	100172	1064	115213	1723
2015	Jan	442714	5981	119658	59	207916	2177	115140	4628	225174	3441	217540	2540	60520	858	56633	666	76446	868	97081	1052	113981	1681
	Feb	474691	6008	134634	40	214818	2119	125239	4735	239019	3397	235672	2611	64545	867	59023	647	81562	844	106154	1084	123708	1703
	Mar	458887	6579	129851	69	201580	2324	127456	5180	238168	3704	220719	2875	62887	1039	57146	725	78219	886	100298	1160	119805	1832
	Apr	440916	5781	129734	52	194646	2209	116536	4416	231638	3398	209278	2383	60168	856	55525	647	75847	798	97510	1087	113555	1655
	May	516737	5690	161265	80	228038	2194	127434	4262	273429	3339	243308	2351	70074	854	65124	646	90890	716	115514	1071	132247	1643
	Jun†	354400	5121	90140	59	172694	2005	91566	3876	193584	3036	160816	2085	50958	731	47866	555	62568	766	75343	899	85745	1460
	Jul†	426910	5160	112626	55	205690	2093	108594	3803	227771	3048	199139	2112	59583	821	56456	571	75134	724	92933	960	106300	1453
	Aug	505088	5114	141088	82	241580	2048	122420	3786	267598	3070	237490	2044	70406	815	66197	541	88972	730	111051	954	126918	1399
	Sep	493758	5372	139030	78	233040	2126	121688	4031	261480	3223	232278	2149	67997	811	64052	570	86626	760	109113	997	125713	1498
	Oct	438275	5532	115074	57	206711	2231	116490	4198	230915	3264	207360	2268	61230	820	56578	652	76147	741	95625	949	111714	1625
	Nov	402060	5551	110106	77	185478	2195	106476	4173	209187	3306	192873	2245	55816	828	51993	653	69918	814	88449	974	101983	1530
	Dec	436443	5896	133181	57	193618	2240	109644	4507	227086	3483	209357	2413	59512	896	56285	705	77965	783	97514	1122	109216	1618
2016	Jan	438248	6179	115495	63	200953	2213	121800	4875	224306	3530	213942	2649	57519	835	59129	743	75421	829	95806	1082	110143	1711

Feb	538662	6508	153516	62	244205	2331	140941	5172	269472	3692	269190	2816	70147	976	72087	750	92693	863	120261	1099	136423	1861
Mar	473126	6234	133936	67	209057	2359	130133	4844	245185	3677	227941	2557	61993	844	63980	729	80761	867	102878	1145	120118	1772
Apr	480683	5735	139108	53	212331	2256	129244	4380	251765	3401	228918	2334	62479	826	64830	717	82746	810	106309	995	120787	1591
May	541271	5924	156402	73	241593	2230	143276	4577	283900	3456	257371	2468	70918	849	72787	738	93752	768	118791	1064	136986	1660
Jun†	517246	5348	151451	42	230748	2068	135047	4101	271541	3149	245705	2199	68071	816	69989	651	90154	737	113017	938	129960	1464
Jul†	549830	5478	158403	69	251834	2144	139593	4125	289383	3262	260447	2216	72457	870	75520	617	96310	782	121020	976	135903	1485
Aug	560006	5575	140282	70	270041	2240	149683	4107	292354	3279	267652	2296	75145	784	77877	655	97263	787	121070	990	138775	1529
Sep	565635	5675	139380	61	273908	2297	152347	4253	295068	3360	270567	2315	75745	800	77992	720	97991	773	122842	1037	141387	1583
Oct	494067	6048	118909	50	236674	2369	138484	4616	258349	3601	235718	2447	66719	877	68512	759	85305	834	105751	1017	123588	1673
Nov	446944	6014	122115	66	202124	2203	122705	4684	232197	3449	214747	2565	59264	867	61399	756	78258	854	96687	1024	111258	1702
Dec	547965	6393	180491	75	235348	2387	132126	4930	278674	3642	269291	2751	71885	894	73745	768	95746	846	122952	1085	137854	1841

Q, quintile; Jan, January; Feb, February; Mar, March; Apr, April; Jun, June; Jul, July; Aug, August; Sep, September; Oct, October; Nov, November; Dec, December.

*The socioeconomic position was categorized for patients who had data on insurance contributions (91.45% of total emergency room visits); †Values in the Middle East respiratory syndrome epidemic period (June to July).

B. The ratio of emergency room visits and deaths within 7 days in 2015 compared with the averages of 2014 and 2016 according to the age, sex, and socioeconomic position (%).

Month	Age						Sex				Socioeconomic position									
	Child (0–19)		Adult (20–59)		Elderly (60-)		Male		Female		Q1, Lowest		Q2, Lower		Q3, medium		Q4, higher		Q5, highest	
	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths	Visits	Deaths
January	98.3	84.9	101.2	99.6	99.8	101.6	99.3	100.5	100.8	103.6	104.9	104.8	95.8	94.6	99.7	106.1	99.0	99.0	101.3	105.4
February	92.4	54.4	98.4	93.4	100.8	97.3	96.8	94.9	97.6	98.6	102.3	97.8	91.5	90.9	96.3	100.1	96.9	98.8	99.0	95.6
March	98.3	102.2	99.6	101.5	105.5	113.3	100.3	105.9	101.3	116.0	105.6	125.9	94.2	105.8	100.3	105.9	100.0	108.3	102.9	107.3
April	95.9	89.7	98.1	103.2	99.9	104.8	97.4	104.0	98.5	105.1	102.7	103.1	92.0	96.3	97.1	101.9	97.6	112.0	100.0	110.3
May	102.7	101.9	99.4	98.4	97.7	98.5	100.2	99.0	99.6	100.0	104.1	105.6	94.3	89.3	100.7	89.7	100.5	103.8	100.7	104.9
June*	60.4	114.6	78.1	97.9	75.1	100.0	74.3	99.1	69.4	99.3	79.2	94.0	72.2	88.6	72.5	104.3	69.2	99.1	69.0	102.5
July*	75.9	78.0	88.1	100.9	87.4	98.8	85.0	99.7	83.7	99.1	89.6	105.6	81.8	93.3	84.4	96.2	83.4	102.8	84.0	102.5
August	104.8	133.3	95.7	93.8	92.1	96.1	97.5	95.4	96.7	96.0	101.3	109.2	92.3	83.3	97.8	94.4	98.3	96.8	97.5	94.5
September	102.7	121.9	92.5	94.7	90.2	99.6	95.6	100.2	93.4	95.6	97.8	104.0	89.8	84.8	95.4	100.7	95.8	101.2	95.3	97.6
October	99.0	104.6	93.8	97.3	94.0	95.9	95.4	94.8	94.9	96.7	98.8	96.9	89.8	90.9	95.3	92.0	96.2	94.1	96.2	100.0
November	89.8	112.4	94.0	102.1	93.9	94.9	92.6	100.8	93.0	92.1	97.6	100.2	88.6	96.3	91.4	104.1	93.4	97.5	93.5	92.8
December	84.9	83.2	87.1	93.6	91.0	95.0	89.3	96.7	85.3	91.6	90.5	102.1	83.6	97.6	88.9	86.6	87.4	104.4	86.3	90.8

Q, quintile.

*Values in the Middle East respiratory syndrome epidemic period (June to July).