EXECUTIVE NOTE: DEATH, WEAPONS, AND AMERICA'S HUMANITARIAN IMPERATIVE

6 February 2013

By Jeff Moran | Geneva

Lawmakers and policymakers should consider the humanitarian imperative with respect to curbing violence in America in the weeks and months ahead. To do this, recognition must be given to relevant data and analysis. Rightly understood, the problem is not a gun availability or gun choice problem as much as it is an individual behavioral choice problem. Legislation and policies should reflect this. Analysis of relevant FBI data published by the Criminal Justice Information Service Division and CDC data published in the Web-based Injury Statistics Query and Reporting System illustrate why.

Here are five high-level findings from the FBI data with respect to American homicides and weapons use from 2006-2010 (See Exhibit 1 for reference table):

1. The share of homicides due to all types of firearms has not increased, it has actually decreased. This contrasts with the fact that homicides due to sharp objects, blunt objects, and the human body have each increased over time.
2. The sharp object (e.g. a knife) is the 2nd most lethal weapon in the United States. The sharp object is used in 13% of all homicides, and its share of all homicide is up.
3. The human body (e.g. hitting, pushing, kicking) is the 5th most lethal weapon in the United States. The human body is the cause of death for 6% of all homicides, and its share of all homicide is up.
4. The blunt object (e.g. hammer, club) is the 6th most lethal weapon in the United States. The blunt object is used in 4% of all homicides, and its share of all homicide is up.
5. The rifle and shotgun are the 7th & 8th most lethal weapons respectively. The rifle and shotgun are each used in 3% of all homicides, and their share of all homicide is down.

Here are ten high-level findings from CDC data with respect to gun related homicides, suicides, and accidents from 1993-2009 (See Exhibits 2-9 for reference charts and tables):

1. The rates of gun-related homicide, suicide, and accidental death have decreased by 44%, 19%, and 69% respectively since 1993 (for all races, ages).
2. After declining substantially over 10 years, gun suicides rates have significantly increased each year since 2006 (for all races, ages).
3. Since 1993 the rate of gun suicides has been higher than both gun homicides and accidental gun deaths combined (all races, ages).
4. The ratio of gun suicides to gun homicides for white Americans is 3.1 to 1 and is the highest across all races with whites aged 15-34 being most at risk.
5. Americans aged 15-24 are the most at risk for gun homicide but the ratio of gun homicides to accidental deaths for this group was just 1 to 3 (all races).
6. The majority of American gun homicides (54%) take the lives of black Americans, who constitute less than 14% of the total population.
7. Homicide is the leading cause of death only for black Americans aged 15-34, with 87.4% of all homicides for this group caused by guns.

8. The ratio of gun homicides to gun suicides for black Americans is over 6.1 to 1, but for non-black Americans it is just 1 to 3 (nearly a 20X difference).
9. The ratio of gun homicides to deaths from flu/pneumonia for black Americans is 1.1 to 1, for non-black Americans, it is just 0.1 to 1 (a 10X difference).
10. The ratio of gun homicides to accidental death not due to firearms for black Americans is .50 to 1, for non-black Americans, it is just .05 to 1 (a 10X difference).

Here are six implications:

1. The share gains of non-firearms and share losses of firearms within the "homicide market" from 2006-2010 suggests the "guns and gun availability is the problem now" hypothesis is invalid.
2. Legislative proposals that focus on banning certain types of firearm, especially rifles and shotguns, do not appear to be warranted since such weapons are decreasingly used and demonstrably less lethal than sharp objects, blunt objects, or the human body across civil society as a whole.
3. The problem is not universal and solutions should not be either. What is needed are tailored approaches, customized to the most at risks individuals. With respect to firearms, this would be whites aged 15-34 at risk of suicide, and blacks aged 15-34 at risk of homicide.
4. That the human body is demonstrably more lethal in American civil society than rifles and shotguns combined clearly means that banning certain semi-automatic long-arms will have little if any impact on homicides nationally.
5. The root cause of homicide is an individual behavior and choice issue, and clearly not just a gun availability or gun choice issue. Policy responses should be focused more on incentivizing or nudging individuals away from the choice to kill well before they consider their weapon.
6. Politicians would be well advised to look deeper at the problem of homicide, look upstream as to the causes, and prioritize efforts to develop result-focused behavioral intervention strategies over weapons access or weapons choice removal strategies.

Here are four key take-aways for lawmakers and policymakers:

1. Pursuing policies like universal background checks and gun bans are not advisable. Such one-size-fits-all policies could be highly vulnerable to judicial invalidation aside from being practically off-target. Broad policies would likely have little if any significant net impact on those most at risk.
2. Policy decided or chosen without reasonable grounds or a rational connection to facts, let alone without appropriate respect for the implications of strict scrutiny and enumerated rights, would likely be successfully challenged as arbitrary, capricious, and unconstitutional.
3. Lawmakers should therefore carefully temper their response to recent American tragedies. From a humanitarian viewpoint, it is recommended lawmakers insist on rigorous analysis of relevant data to focus, and to set policy by starting with desired outcomes and planning backwards.
4. Analysis of CDC and FBI data suggests the highest priority is for new and improved laws addressing undesirable resort to violence within American civil society, not guns. Policy making should entail targeting, tailoring, and customizing policies, outreach, civic organizing and engagement of the most at-risk individuals: black and white Americans aged 15-34 years.

In conclusion, misreading American violence as a weapons access or weapons choice issue dangerously ignores the primary human variable in violence, and would result in a shameful humanitarian loss.

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EXHIBIT 1

American Homicides By Weapon, 2006-2010

RANK	WEAPON	2006	2007	2008	2009	2010	'06-'10
1	Handguns	51.9%	49.6%	47.8%	47.3%	46.2%	48.7%
2	Sharp objects	12.1%	12.2%	13.3%	13.4%	13.1%	12.8%
3	Gun type not stated	9.0%	11.4%	12.8%	13.3%	14.9%	12.2%
4	Other weapons	7.6%	6.7%	7.0%	6.6%	6.7%	6.9%
5	Human body	5.6%	5.8%	6.2%	5.9%	5.7%	5.8%
6	Blunt objects	4.1%	4.3%	4.2%	4.5%	4.2%	4.3%
7	Shotguns	3.2%	3.1%	3.1%	3.1%	2.9%	3.1%
8	Rifles	2.9%	3.0%	2.7%	2.6%	2.8%	2.8%
9	S.P.A.N.F.E.D.*	2.9%	3.0%	2.3%	2.7%	2.8%	2.7%
10	Other guns	0.7%	0.8%	0.6%	0.7%	0.7%	0.7%
	TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Data: FBI Criminal Justice Information Services Division, as of 2/13.

*S.P.A.N.F.E.D. = Strangulation, Poison, Asphyxiation, Narcotics, Explosive, or Drowning. Presentation: Jeff Moran, The Geneva Academy
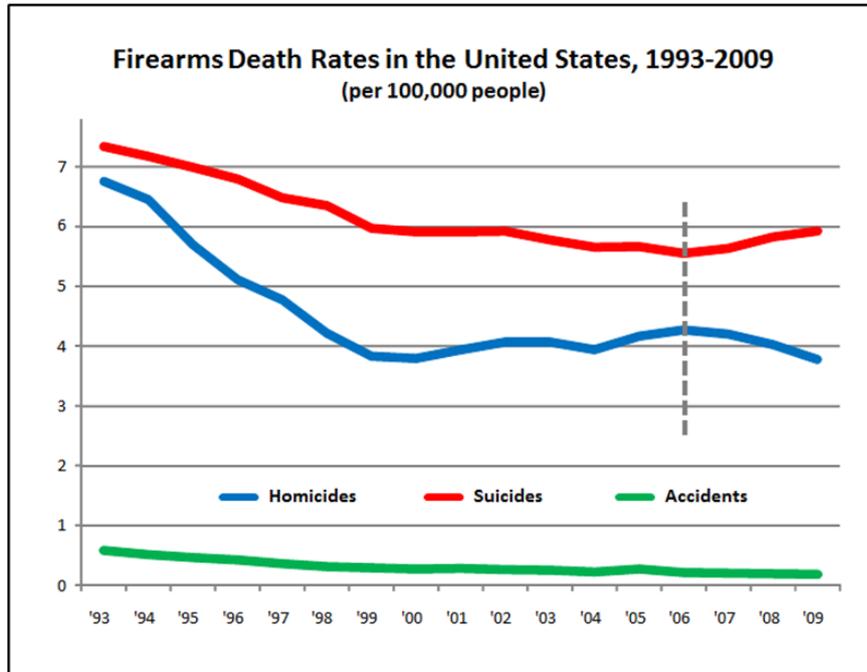
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EXHIBIT 2

Firearms Death Rates in the United States, 1993-2009
(per 100,000 people)

Data: CDC WISQARS Fatal Injury Reports, as of 6/12. Presentation: Jeff Moran, The Geneva Academy.

Firearms Deaths in the United States, 1993-2009

Year	Homicides		Suicides		Accidents		Population
	Number	Rate	Number	Rate	Number	Rate	
1993	18,253	6.75	18,940	7.34	1,521	0.58	259,918,595
1994	17,527	6.45	18,765	7.18	1,356	0.51	263,125,826
1995	15,551	5.69	18,503	6.99	1,225	0.46	266,278,403
1996	14,037	5.1	18,166	6.79	1,134	0.42	269,394,291
1997	13,252	4.77	17,566	6.48	981	0.36	272,646,932
1998	11,798	4.21	17,424	6.34	866	0.31	275,854,116
1999	10,828	3.82	16,599	5.96	824	0.29	279,040,181
2000	10,801	3.79	16,586	5.9	776	0.27	281,421,906
2001	11,348	3.93	16,869	5.9	802	0.28	285,081,556
2002	11,829	4.06	17,108	5.91	762	0.26	287,803,914
2003	11,920	4.06	16,907	5.77	730	0.25	290,326,418
2004	11,624	3.93	16,750	5.65	649	0.22	293,045,739
2005	12,352	4.16	17,002	5.66	789	0.27	295,753,151
2006	12,791	4.27	16,883	5.54	642	0.21	298,593,212
2007	12,632	4.19	17,352	5.63	613	0.2	301,579,895
2008	12,179	4.02	18,223	5.82	592	0.19	304,374,846
2009	11,493	3.77	18,735	5.92	554	0.18	307,006,550
Change '93-'09	-37%	-44%	-1%	-19%	-64%	-69%	18%

Data: CDC WISQARS Fatal Injury Reports, as of 6/12. Presentation: Jeff Moran, The Geneva Academy.

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EXHIBIT 3

AMERICAN LEADING CAUSES OF DEATH BY AGE-GROUP, ALL RACES, 2000-2010*

Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
<1 yrs	1	Congenital Anomalies	61,342	29.4%	25-34 yrs	1	Unintentional Injury	148,901	40.3%
	2	Short Gestation	50,787	24.3%		2	Suicide	56,655	15.3%
	3	SIDS	25,108	12.0%		3	Homicide	50,193	13.6%
	4	Maternal Pregnancy Comp.	18,198	8.7%		4	Malignant Neoplasms	40,675	11.0%
	5	Unintentional Injury	11,921	5.7%		5	Heart Disease	35,125	9.5%
	6	Placenta Cord Membranes	11,808	5.7%		6	HIV	15,621	4.2%
	7	Respiratory Distress	8,872	4.2%		7	Diabetes Mellitus	6,800	1.8%
	8	Bacterial Sepsis	8,208	3.9%		8	Cerebrovascular	6,091	1.7%
	9	Circulatory System Disease	6,514	3.1%		9	Congenital Anomalies	4,731	1.3%
	10	Neonatal Hemorrhage	6,105	2.9%		10	Influenza & Pneumonia	4,307	1.2%
		Total	208,863	100.0%			Total	369,099	100.0%
1-4 yrs	1	Unintentional Injury	17,730	46.5%	35-44 yrs	1	Unintentional Injury	178,648	25.0%
	2	Congenital Anomalies	5,767	15.1%		2	Malignant Neoplasms	158,204	22.1%
	3	Homicide	4,268	11.2%		3	Heart Disease	136,597	19.1%
	4	Malignant Neoplasms	4,241	11.1%		4	Suicide	73,102	10.2%
	5	Heart Disease	1,928	5.1%		5	HIV	46,765	6.5%
	6	Influenza & Pneumonia	1,330	3.5%		6	Homicide	34,142	4.8%
	7	Septicemia	932	2.4%		7	Liver Disease	30,955	4.3%
	8	Perinatal Period	710	1.9%		8	Cerebrovascular	24,805	3.5%
	9	Benign Neoplasms	604	1.6%		9	Diabetes Mellitus	21,761	3.0%
	10	Chronic Low. Respiratory Disease	589	1.5%		10	Influenza & Pneumonia	10,431	1.5%
		Total	38,099	100.0%			Total	715,410	100.0%
5-9 yrs	1	Unintentional Injury	11,519	48.4%	45-54 yrs	1	Malignant Neoplasms	548,732	35.3%
	2	Malignant Neoplasms	5,358	22.5%		2	Heart Disease	409,917	26.3%
	3	Congenital Anomalies	2,066	8.7%		3	Unintentional Injury	191,400	12.3%
	4	Homicide	1,407	5.9%		4	Liver Disease	84,780	5.4%
	5	Heart Disease	1,051	4.4%		5	Suicide	78,953	5.1%
	6	Influenza & Pneumonia	561	2.4%		6	Cerebrovascular	67,576	4.3%
	7	Chronic Low. Respiratory Disease	548	2.3%		7	Diabetes Mellitus	61,111	3.9%
	8	Benign Neoplasms	492	2.1%		8	HIV	44,890	2.9%
	9	Cerebrovascular	414	1.7%		9	Chronic Low. Respiratory Disease	42,660	2.7%
	10	Septicemia	388	1.6%		10	Viral Hepatitis	26,520	1.7%
		Total	23,804	100.0%			Total	1,556,539	100.0%
10-14 yrs	1	Unintentional Injury	14,356	46.6%	55-64 yrs	1	Malignant Neoplasms	1,089,553	43.4%
	2	Malignant Neoplasms	5,399	17.5%		2	Heart Disease	717,053	28.6%
	3	Suicide	2,766	9.0%		3	Chronic Low. Respiratory Disease	137,359	5.5%
	4	Homicide	2,262	7.3%		4	Diabetes Mellitus	118,734	4.7%
	5	Congenital Anomalies	2,008	6.5%		5	Unintentional Injury	116,559	4.6%
	6	Heart Disease	1,633	5.3%		6	Cerebrovascular	112,094	4.5%
	7	Chronic Low. Respiratory Disease	781	2.5%		7	Liver Disease	80,409	3.2%
	8	Influenza & Pneumonia	603	2.0%		8	Suicide	49,253	2.0%
	9	Cerebrovascular	513	1.7%		9	Nephritis	45,234	1.8%
	10	Benign Neoplasms	455	1.5%		10	Septicemia	42,725	1.7%
		Total	30,776	100.0%			Total	2,508,973	100.0%
15-24 yrs	1	Unintentional Injury	161,424	52.4%	65+ yrs	1	Heart Disease	5,839,211	37.1%
	2	Homicide	57,457	18.6%		2	Malignant Neoplasms	4,293,340	27.3%
	3	Suicide	46,089	14.9%		3	Cerebrovascular	1,395,084	8.9%
	4	Malignant Neoplasms	18,424	6.0%		4	Chronic Low. Respiratory Disease	1,221,403	7.8%
	5	Heart Disease	11,630	3.8%		5	Alzheimer's Disease	747,326	4.8%
	6	Congenital Anomalies	5,074	1.6%		6	Diabetes Mellitus	577,830	3.7%
	7	Influenza & Pneumonia	2,270	0.7%		7	Influenza & Pneumonia	568,768	3.6%
	8	Cerebrovascular	2,171	0.7%		8	Nephritis	403,678	2.6%
	9	HIV	1,940	0.6%		9	Unintentional Injury	398,221	2.5%
	10	Diabetes Mellitus	1,876	0.6%		10	Septicemia	287,870	1.8%
		Total	308,355	100.0%			Total	15,732,731	100.0%

*NOTE: The source data for this report is publicly available from the United States Centers for Disease Control & Prevention's WISQARS Leading Cause of Death Reports Online Database. The above data can be obtained from http://webappa.cdc.gov/sasweb/ncipc/leadcaus10_us.html. The data for this exhibit was pulled on 28 January 2013, and was formatted by Jeff Moran. The Geneva Academy.

EXHIBIT 4

AMERICAN LEADING CAUSES OF DEATH BY AGE-GROUP, WHITES, 2000-2010*									
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
<1 yrs	1	Congenital Anomalies	46,487	34.0%	25-34 yrs	1	Unintentional Injury	124,275	46.1%
	2	Short Gestation	28,281	20.7%		2	Suicide	48,344	17.9%
	3	SIDS	16,182	11.8%		3	Malignant Neoplasms	31,289	11.6%
	4	Maternal Pregnancy Comp.	11,112	8.1%		4	Heart Disease	22,838	8.5%
	5	Placenta Cord Membranes	7,741	5.7%		5	Homicide	21,591	8.0%
	6	Unintentional Injury	7,682	5.6%		6	HIV	5,696	2.1%
	7	Respiratory Distress	5,530	4.0%		7	Diabetes Mellitus	4,377	1.6%
	8	Bacterial Sepsis	5,123	3.8%		8	Cerebrovascular	4,077	1.5%
	9	Circulatory System Disease	4,234	3.1%		9	Congenital Anomalies	3,774	1.4%
	10	Neonatal Hemorrhage	4,230	3.1%		10	Liver Disease	3,321	1.2%
		Total	136,602	100.0%			Total	269,582	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
1-4 yrs	1	Unintentional Injury	13,217	48.6%	35-44 yrs	1	Unintentional Injury	149,746	27.7%
	2	Congenital Anomalies	4,162	15.3%		2	Malignant Neoplasms	122,639	22.7%
	3	Malignant Neoplasms	3,351	12.3%		3	Heart Disease	97,829	18.1%
	4	Homicide	2,361	8.7%		4	Suicide	66,032	12.2%
	5	Heart Disease	1,228	4.5%		5	Liver Disease	25,908	4.8%
	6	Influenza & Pneumonia	892	3.3%		6	HIV	20,918	3.9%
	7	Septicemia	658	2.4%		7	Homicide	18,451	3.4%
	8	Benign Neoplasms	476	1.8%		8	Cerebrovascular	15,816	2.9%
	9	Perinatal Period	425	1.6%		9	Diabetes Mellitus	15,158	2.8%
	10	Cerebrovascular	398	1.5%		10	Influenza & Pneumonia	7,595	1.4%
		Total	27,168	100.0%			Total	540,092	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
5-9 yrs	1	Unintentional Injury	8,213	47.9%	45-54 yrs	1	Malignant Neoplasms	434,751	35.9%
	2	Malignant Neoplasms	4,253	24.8%		2	Heart Disease	307,613	25.4%
	3	Congenital Anomalies	1,537	9.0%		3	Unintentional Injury	159,318	13.2%
	4	Homicide	879	5.1%		4	Suicide	73,562	6.1%
	5	Heart Disease	706	4.1%		5	Liver Disease	71,822	5.9%
	6	Influenza & Pneumonia	399	2.3%		6	Diabetes Mellitus	43,733	3.6%
	7	Benign Neoplasms	364	2.1%		7	Cerebrovascular	43,489	3.6%
	8	Cerebrovascular	292	1.7%		8	Chronic Low. Respiratory Disease	34,884	2.9%
	9	Septicemia	276	1.6%		9	Viral Hepatitis	21,653	1.8%
	10	Chronic Low. Respiratory Disease	237	1.4%		10	HIV	19,537	1.6%
		Total	17,156	100.0%			Total	1,210,362	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
10-14 yrs	1	Unintentional Injury	10,870	48.4%	55-64 yrs	1	Malignant Neoplasms	905,372	44.5%
	2	Malignant Neoplasms	4,225	18.8%		2	Heart Disease	566,627	27.8%
	3	Suicide	2,138	9.5%		3	Chronic Low. Respiratory Disease	122,243	6.0%
	4	Congenital Anomalies	1,458	6.5%		4	Unintentional Injury	97,776	4.8%
	5	Homicide	1,207	5.4%		5	Diabetes Mellitus	88,519	4.3%
	6	Heart Disease	1,063	4.7%		6	Cerebrovascular	79,712	3.9%
	7	Influenza & Pneumonia	461	2.1%		7	Liver Disease	69,330	3.4%
	8	Cerebrovascular	375	1.7%		8	Suicide	46,401	2.3%
	9	Benign Neoplasms	331	1.5%		9	Septicemia	31,207	1.5%
	10	Chronic Low. Respiratory Disease	314	1.4%		10	Nephritis	29,574	1.5%
		Total	22,442	100.0%			Total	2,036,761	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
15-24 yrs	1	Unintentional Injury	136,596	59.6%	65+ yrs	1	Heart Disease	5,195,770	37.2%
	2	Suicide	38,371	16.7%		2	Malignant Neoplasms	3,793,969	27.2%
	3	Homicide	22,979	10.0%		3	Cerebrovascular	1,224,276	8.8%
	4	Malignant Neoplasms	14,484	6.3%		4	Chronic Low. Respiratory Disease	1,142,292	8.2%
	5	Heart Disease	7,460	3.3%		5	Alzheimer's Disease	692,937	5.0%
	6	Congenital Anomalies	3,785	1.7%		6	Influenza & Pneumonia	509,165	3.6%
	7	Influenza & Pneumonia	1,699	0.7%		7	Diabetes Mellitus	472,705	3.4%
	8	Cerebrovascular	1,557	0.7%		8	Unintentional Injury	363,730	2.6%
	9	Diabetes Mellitus	1,202	0.5%		9	Nephritis	334,599	2.4%
	10	Septicemia	998	0.4%		10	Septicemia	238,860	1.7%
		Total	229,131	100.0%			Total	13,968,303	100.0%

*NOTE: The source data for this report is publicly available from the United States Centers for Disease Control & Prevention's WISQARS Leading Cause of Death Reports Online Database. The above data can be obtained from http://webappa.cdc.gov/sasweb/ncipc/leadcaus10_us.html. The data for this exhibit was pulled on 28 January 2013, and was formatted by Jeff Moran. The Geneva Academy.

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EXHIBIT 5

AMERICAN LEADING CAUSES OF DEATH BY AGE-GROUP, BLACKS, 2000-2010*									
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
	1	Short Gestation	20,499	32.2%		1	Homicide	27,006	31.7%
	2	Congenital Anomalies	11,829	18.6%		2	Unintentional Injury	18,813	22.1%
	3	SIDS	7,925	12.5%		3	Heart Disease	10,868	12.7%
	4	Maternal Pregnancy Comp.	6,344	10.0%		4	HIV	9,703	11.4%
	5	Unintentional Injury	3,740	5.9%		5	Malignant Neoplasms	7,093	8.3%
<1 yrs	6	Placenta Cord Membranes	3,600	5.7%	25-34 yrs	6	Suicide	5,424	6.4%
	7	Respiratory Distress	3,059	4.8%		7	Diabetes Mellitus	2,223	2.6%
	8	Bacterial Sepsis	2,749	4.3%		8	Cerebrovascular	1,717	2.0%
	9	Necrotizing Enterocolitis	1,951	3.1%		9	Anemias	1,310	1.5%
	10	Circulatory System Disease	1,907	3.0%		10	Chronic Low. Respiratory Disease	1,159	1.4%
		Total	63,603	100.0%			Total	85,316	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
	1	Unintentional Injury	3,659	40.0%		1	Heart Disease	34,544	22.9%
	2	Homicide	1,716	18.8%		2	Malignant Neoplasms	28,550	19.0%
	3	Congenital Anomalies	1,288	14.1%		3	HIV	25,210	16.7%
	4	Malignant Neoplasms	661	7.2%		4	Unintentional Injury	23,160	15.4%
	5	Heart Disease	579	6.3%		5	Homicide	14,438	9.6%
1-4 yrs	6	Influenza & Pneumonia	353	3.9%	35-44 yrs	6	Cerebrovascular	7,610	5.1%
	7	Chronic Low. Respiratory Disease	274	3.0%		7	Diabetes Mellitus	5,886	3.9%
	8	Perinatal Period	253	2.8%		8	Suicide	4,615	3.1%
	9	Septicemia	217	2.4%		9	Nephritis	3,475	2.3%
	10	Anemias	146	1.6%		10	Liver Disease	3,086	2.0%
		Total	9,146	100.0%			Total	150,574	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
	1	Unintentional Injury	2,722	50.2%		1	Malignant Neoplasms	94,933	30.8%
	2	Malignant Neoplasms	830	15.3%		2	Heart Disease	91,809	29.8%
	3	Homicide	461	8.5%		3	Unintentional Injury	26,659	8.7%
	4	Congenital Anomalies	415	7.7%		4	HIV	24,817	8.1%
	5	Chronic Low. Respiratory Disease	287	5.3%		5	Cerebrovascular	20,834	6.8%
5-9 yrs	6	Heart Disease	283	5.2%	45-54 yrs	6	Diabetes Mellitus	15,187	4.9%
	7	Influenza & Pneumonia	112	2.1%		7	Liver Disease	9,781	3.2%
	8	Anemias	106	2.0%		8	Nephritis	8,623	2.8%
	8	Benign Neoplasms	106	2.0%		9	Homicide	8,175	2.7%
	9	Cerebrovascular	97	1.8%		10	Septicemia	7,111	2.3%
		Total	5,419	100.0%			Total	307,929	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
	1	Unintentional Injury	2,791	41.1%		1	Malignant Neoplasms	153,517	37.4%
	2	Homicide	955	14.1%		2	Heart Disease	132,584	32.3%
	3	Malignant Neoplasms	899	13.2%		3	Cerebrovascular	27,303	6.7%
	4	Heart Disease	486	7.2%		4	Diabetes Mellitus	25,772	6.3%
	5	Congenital Anomalies	444	6.5%		5	Unintentional Injury	15,238	3.7%
10-14 yrs	6	Chronic Low. Respiratory Disease	442	6.5%	55-64 yrs	6	Nephritis	14,161	3.4%
	7	Suicide	440	6.5%		7	Chronic Low. Respiratory Disease	13,189	3.2%
	8	Anemias	120	1.8%		8	Septicemia	10,476	2.6%
	9	Influenza & Pneumonia	111	1.6%		9	HIV	9,754	2.4%
	10	Cerebrovascular	106	1.6%		10	Liver Disease	8,562	2.1%
		Total	6,794	100.0%			Total	410,556	100.0%
Age	Rank	Cause of Death	# Total	% Total	Age	Rank	Cause of Death	# Total	% Total
	1	Homicide	32,642	48.7%		1	Heart Disease	535,260	36.8%
	2	Unintentional Injury	18,047	26.9%		2	Malignant Neoplasms	407,097	28.0%
	3	Suicide	4,913	7.3%		3	Cerebrovascular	135,435	9.3%
	4	Heart Disease	3,682	5.5%		4	Diabetes Mellitus	87,290	6.0%
	5	Malignant Neoplasms	3,005	4.5%		5	Chronic Low. Respiratory Disease	62,155	4.3%
15-24 yrs	6	HIV	1,367	2.0%	65+ yrs	6	Nephritis	60,093	4.1%
	7	Congenital Anomalies	1,065	1.6%		7	Alzheimer's Disease	45,790	3.1%
	8	Chronic Low. Respiratory Disease	840	1.3%		8	Influenza & Pneumonia	44,368	3.0%
	9	Anemias	805	1.2%		9	Septicemia	43,801	3.0%
	10	Complicated Pregnancy	638	1.0%		10	Hypertension	34,815	2.4%
		Total	67,004	100.0%			Total	1,456,104	100.0%

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EXHIBIT 6

LEADING CAUSES OF HOMICIDE, SUICIDE, ACCIDENTS, ALL RACES, ALL AGES, 2000-2010											
HOMICIDE				**SUICIDE**				**ACCIDENTS**			
Rank	**Cause of Death**	**#**	**%**	**Rank**	**Cause of Death**	**#**	**%**	**Rank**	**Cause of Death**	**#**	**%**
1	Firearm	119,246	66.6%	1	Firearm	175,221	51.8%	1	MV Traffic	408,799	35.4%
2	Cut/pierce	20,047	11.2%	2	Suffocation	76,602	22.7%	2	Poisoning	248,945	21.6%
3	Unspecified	16,984	9.5%	3	Poisoning	59,589	17.6%	3	Fall	205,236	17.8%
4	Suffocation	6,246	3.5%	4	Fall	7,104	2.1%	4	Unspecified	62,183	5.4%
5	Other Spec., NEC	5,878	3.3%	5	Cut/pierce	6,000	1.8%	5	Suffocation	58,580	5.1%
6	Transportation- Related	3,413	1.9%	6	Drowning	3,751	1.1%	6	Drowning	34,793	3.0%
7	Other Spec., classifiable	2,247	1.3%	7	Other Spec., classifiable	3,241	1.0%	7	Fire/burn	31,999	2.8%
8	Struck by or Against	2,023	1.1%	8	Other Spec., NEC	2,231	0.7%	8	Natural/ Environment	15,571	1.3%
9	Fire/burn	1,324	0.7%	9	Fire/burn	1,597	0.5%	9	Other Spec., classifiable	14,316	1.2%
10	Poisoning	857	0.5%	10	Unspecified	1,551	0.5%	10	Other Land Transport	14,234	1.2%
11	Drowning	545	0.3%	11	Transportation- Related	1,143	0.3%	11	Other Transport	11,578	1.0%
12	Fall	167	0.1%	12	Struck by or Against	13	0.0%	12	Pedestrian, Other	11,185	1.0%
13				13				13	Other Spec., NEC	10,534	0.9%
14				14				14	Struck by or Against	8,504	0.7%
15				15				15	Machinery	6,780	0.6%
16				16				16	Firearm	6,739	0.6%
17				17				17	Pedal cyclist, Other	2,336	0.2%
18				18				18	Cut/pierce	1,048	0.1%
19				19				19	Overexertion	104	0.0%
	TOTAL	178,977	100.0%		TOTAL	338,043	100.0%		TOTAL	1,153,360	100.0%

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EXHIBIT 7

LEADING CAUSES OF HOMICIDE, SUICIDE, ACCIDENTS, WHITE RACE, ALL AGES, 2000-2010											
HOMICIDE				**SUICIDE**				**ACCIDENT**			
Rank	**Cause of Death**	**#**	**%**	**Rank**	**Cause of Death**	**#**	**%**	**Rank**	**Cause of Death**	**#**	**%**
1	Firearm	51,492	57.9%	1	Firearm	161,504	52.8%	1	MV Traffic	340,500	34.4%
2	Unspecified	11,316	12.7%	2	Suffocation	66,271	21.7%	2	Poisoning	215,606	21.8%
3	Cut/pierce	11,275	12.7%	3	Poisoning	55,705	18.2%	3	Fall	189,838	19.2%
4	Suffocation	4,113	4.6%	4	Fall	5,857	1.9%	4	Unspecified	56,051	5.7%
5	Other Spec., NEC	3,377	3.8%	5	Cut/pierce	5,351	1.7%	5	Suffocation	48,607	4.9%
6	Transportation- Related	2,814	3.2%	6	Drowning	2,926	1.0%	6	Drowning	27,263	2.8%
7	Other Spec., classifiable	1,383	1.6%	7	Other Spec., classifiable	2,724	0.9%	7	Fire/burn	23,714	2.4%
8	Struck by or Against	1,374	1.5%	8	Other Spec., NEC	1,922	0.6%	8	Other Land Transport	12,946	1.3%
9	Fire/burn	744	0.8%	9	Unspecified	1,401	0.5%	9	Natural/ Environment	12,192	1.2%
10	Poisoning	638	0.7%	10	Fire/burn	1,246	0.4%	10	Other Spec., classifiable	12,180	1.2%
11	Drowning	355	0.4%	11	Transportation- Related	1,032	0.3%	11	Other Transport	10,609	1.1%
12	Fall	107	0.1%	12	Struck by or Against	10	0.0%	12	Other Spec., NEC	9,005	0.9%
13				13				13	Pedestrian, Other	8,897	0.9%
14				14				14	Struck by or Against	7,454	0.8%
15				15				15	Machinery	6,281	0.6%
16				16				16	Firearm	5,317	0.5%
17				17				17	Pedal cyclist, Other	1,979	0.2%
18				18				18	Cut/pierce	915	0.1%
19				19				19	Overexertion	88	0.0%
	TOTAL	88,988	100.0%		TOTAL	305,949	100.0%		TOTAL	989,354	100.0%

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EXHIBIT 8

LEADING CAUSES OF HOMICIDE, SUICIDE, ACCIDENTS, BLACK RACE, ALL AGES 2000-2010												
HOMICIDE				**SUICIDE**				**ACCIDENTS**			
Rank	Cause of Death	#	%	Rank	Cause of Death	#	%	Rank	Cause of Death	#	%
1	Firearm	64,480	77.1%	1	Firearm	10,336	51.4%	1	MV Traffic	51,546	40.4%
2	Cut/pierce	7,720	9.2%	2	Suffocation	5,040	25.1%	2	Poisoning	28,153	22.0%
3	Unspecified	4,768	5.7%	3	Poisoning	2,285	11.4%	3	Fall	10,092	7.9%
4	Other Spec., NEC	2,194	2.6%	4	Fall	667	3.3%	4	Suffocation	8,498	6.7%
5	Suffocation	1,863	2.2%	5	Drowning	573	2.8%	5	Fire/burn	7,439	5.8%
6	Other Spec., classifiable	759	0.9%	6	Other Spec., classifiable	332	1.7%	6	Drowning	5,454	4.3%
7	Struck by or Against	561	0.7%	7	Cut/pierce	319	1.6%	7	Unspecified	5,028	3.9%
8	Fire/burn	515	0.6%	8	Fire/burn	214	1.1%	8	Natural/ Environment	2,597	2.0%
9	Transportation- Related	385	0.5%	9	Other Spec., NEC	193	1.0%	9	Other Spec., classifiable	1,707	1.3%
10	Poisoning	183	0.2%	10	Unspecified	78	0.4%	10	Pedestrian, Other	1,684	1.3%
11	Drowning	162	0.2%	11	Transportation- Related	68	0.3%	11	Firearm	1,242	1.0%
12	Fall	48	0.1%	12	Struck by or Against	3	0.0%	12	Other Spec., NEC	1,193	0.9%
13			0.0%	13			0.0%	13	Other Land Transport	857	0.7%
14			0.0%	14			0.0%	14	Struck by or Against	830	0.6%
15			0.0%	15			0.0%	15	Other Transport	627	0.5%
16			0.0%	16			0.0%	16	Machinery	373	0.3%
17			0.0%	17			0.0%	17	Pedal cyclist, Other	274	0.2%
18			0.0%	18			0.0%	18	Cut/pierce	108	0.1%
19			0.0%	19			0.0%	19	Overexertion	12	0.0%
	TOTAL	83,638	100.0%		TOTAL	20,108	100.0%		TOTAL	127,702	100.0%

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EXHIBIT 9

LEADING CAUSES OF HOMICIDE, SUICIDE, ACCIDENTS, NON BLACK RACES, ALL AGES, 2000-2010												
HOMICIDE				**SUICIDE**				**ACCIDENTS**			
Rank	Cause of Death	#	%	Rank	Cause of Death	#	%	Rank	Cause of Death	#	%
1	Firearm	54,766	60.2%	1	Firearm	164,885	51.8%	1	MV Traffic	357,253	34.8%
2	Cut/pierce	12,327	13.6%	2	Suffocation	71,562	22.5%	2	Poisoning	220,792	21.5%
3	Unspecified	12,216	13.4%	3	Poisoning	57,304	18.0%	3	Fall	195,144	19.0%
4	Suffocation	3	0.0%	4	Fall	6,437	2.0%	4	Unspecified	57,155	5.6%
5	Other Spec., NEC	3,684	4.1%	5	Cut/pierce	5,681	1.8%	5	Suffocation	50,082	4.9%
6	Transportation- Related	3,028	3.3%	6	Drowning	3,537	1.1%	6	Drowning	29,339	2.9%
7	Other Spec., classifiable	1,488	1.6%	7	Other Spec., classifiable	2,909	0.9%	7	Fire/burn	24,560	2.4%
8	Struck by or Against	1,462	1.6%	8	Other Spec., NEC	2,038	0.6%	8	Natural/ Environment	12,974	1.3%
9	Fire/burn	809	0.9%	9	Fire/burn	1,383	0.4%	9	Other Spec., classifiable	12,609	1.2%
10	Poisoning	674	0.7%	10	Unspecified	1,473	0.5%	10	Other Land Transport	13,377	1.3%
11	Drowning	383	0.4%	11	Transportation- Related	1,075	0.3%	11	Other Transport	10,951	1.1%
12	Fall	119	0.1%	12	Struck by or Against	10	0.0%	12	Pedestrian, Other	9,501	0.9%
13				13				13	Other Spec., NEC	9,341	0.9%
14				14				14	Struck by or Against	7,674	0.7%
15				15				15	Machinery	6,407	0.6%
16				16				16	Firearm	5,497	0.5%
17				17				17	Pedal cyclist, Other	2,062	0.2%
18				18				18	Cut/pierce	940	0.1%
19				19				19	Overexertion	92	0.0%
	TOTAL	90,959	100.0%		TOTAL	318,294	100.0%		TOTAL	1,025,658	100.0%

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NOTICES & DISCLOSURES

Primary sources used:

1. http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2010/crime-in-the-u.s.-2010/tables/10shrtbl08.xls, last accessed 2 Feb 13
2. http://www.cdc.gov/injury/wisqars/index.html, last accessed 2 Feb 2013

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