















10 Leading Causes of Death by Age Group, United States – 2014 Age Groups											
Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Total
1	Congenital Anomalies 4,746	Unintentional Injury 1,216	Unintentional Injury 730	Unintentional Injury 750	Unintentional Injury 11,836	Unintentional Injury 17,357	Unintentional Injury 16,048	Malignant Neoplasms 44,834	Malignant Neoplasms 115,282	Heart Disease 489,722	Heart Disease 614,348
2	Short Gestation 4,173	Congenital Anomalies 399	Malignant Neoplasms 436	Suicide 425	Suicide 5,079	Suicide 6,569	Malignant Neoplasms 11,267	Heart Disease 34,791	Heart Disease 74,473	Malignant Neoplasms 413,885	Malignant Neoplasms 591,699 Chronic Low. Respiratory Disease 147,101
3	Matemal Pregnancy Comp. 1,574	Homicide 364	Congenital Anomalies 192	Malignant Neoplasms 416	Homicide 4,144	Homicide 4,159	Heart Disease 10,368	Unintentional Injury 20,610	Unintentional Injury 18,030	Chronic Low. Respiratory Disease 124,693	
4	SIDS 1,545	Malignant Neoplasms 321	Homicide 123	Congenital Anomalies 156	Malignant Neoplasms 1,569	Malignant Neoplasms 3,624	Suicide 6,706	Suicide 8,767	Chronic Low. Respiratory Disease 16.492	Cerebro- vascular 113,308	Unintentional Injury 136,053
5	Unintentional Injury 1,161	Heart Disease 149	Heart Disease 69	Homicide 156	Heart Disease 953	Heart Disease 3,341	Homicide 2,588	Liver Disease 8,627	Diabetes Mellitus 13,342	Alzheimer's Disease 92,604	Cerebro- vascular 133,103
6	Placenta Cord. Membranes 965	Influenza & Pneumonia 109	Chronic Low. Respiratory Disease 68	Heart Disease 122	Congenital Anomalies 377	Liver Disease 725	Liver Disease 2,582	Diabetes Mellitus 6,062	Liver Disease 12,792	Diabetes Mellitus 54,161	Alzheimer's Disease 93,541
7	Bacterial Sepsis 544	Chronic Low Respiratory Disease 53	Influenza & Pneumonia 57	Chronic Low Respiratory Disease 71	Influenza & Pneumonia 199	Diabetes Mellitus 709	Diabetes Mellitus 1,999	Cerebro- vascular 5,349	Cerebro- vascular 11,727	Unintentional Injury 48,295	Diabetes Mellitus 76,488
8	Respiratory Distress 460	Septicemia 53	Cerebro- vascular 45	Cerebro- vascular 43	Diabetes Mellitus 181	HIV 583	Cerebro- vascular 1,745	Chronic Low. Respiratory Disease 4.402	Suicide 7,527	Influenza & Pneumonia 44,836	Influenza & Pneumonia 55,227
9	Circulatory System Disease 444	Benign Neoplasms 38	Benign Neoplasms 36	Influenza & Pneumonia 41	Chronic Low Respiratory Disease 178	Cerebro- vascular 579	HIV 1,174	Influenza & Pneumonia 2,731	Septicemia 5,709	Nephritis 39,957	Nephritis 48,146
10	Neonatal Hemorrhage 441	Perinatal Period 38	Septicemia 33	Benign Neoplasms 38	Cerebro- vascular 177	Influenza & Pneumonia 549	Influenza & Pneumonia 1,125	Septicemia 2,514	Influenza & Pneumonia 5,390	Septicemia 29,124	Suicide 42,773









Top 5 E	Broad Risk Factor (Categorie	s in terms of po	opularity				
	Pre-1985		1985-1994		1995-2004		2005-2014	
Rank	Category	% ES	Category	% ES	Category	% ES	Category	% ES
1	Demographics	29.73	Internalizin g	29.89	Internalizing	28.26	Internalizing	22.81
2	Internalizing	14.86	Prior STBs	13.88	Externalizing	14.67	Demographics	19.14
3	Prior STBs	10.81	Demograph ics	11.03	Prior STBs	11.85	Externalizing	16.02
4	Externalizing	9.46	Externalizin g	10.68	Demographics	11.85	Prior STBs	11.52
5	Social Factors	5.41	Social Factors	9.25	Social Factors	8.37	Social Factors	9.61
Total	1	70.27		74.73	1	75.00		79.10



Nat'l Council Suicide Prevention & Nat'l Institute of Mental Health 2014		Reduce suicide attempts & suicide completions by 20% in 5 yrs & >40% in 10 yrs
<section-header><section-header><text><text><text><text></text></text></text></text></section-header></section-header>	1) 2) 3) 4) 5) 6)	Why do people become suicidal? How can we better detect/predict risk? What interventions or preventions are effective? What services are most effective for treating suicidal behavior? What non-health care centered preventions/interventions work? What new & existing research infrastructure is needed to reduce suicidal behavior?











ample Demogra	McLean Hospita Harvade Medical Beridol Antilarte		
	NSSI (n=45)	SA (n=45)	
Age in Years (SD)	14.9 <u>+</u> 1.3	15.3 <u>+</u> 1.3	t(88)=-1.48, p=0.14
Females (n, %) Males	38 (84%) 7 (16%)	28 (62%) 17 (38%)	χ ² =5.68, <i>p</i> =0.02
SI Onset	12.4 y/o	13.8 y/o	<i>p</i> < 0.01
Onset of Self-Injurious Behavior (NSSI or SA)	13.2 <u>+</u> 1.8	14.8 <u>+</u> 1.4	F(1,84)=15.40 p<0.01
BSS Current SI	13.21 <u>+</u> 8.07	10.68 <u>+</u> 7.91	F(1,85)=2.17 p=0.14
Medications		1	
None SSRI Sedatives	6 (13) 34 (76) 4 (9)	17 (38)** 23 (51)* 0 (0)*	*p < .05; **p < .01

































COVID has decreased primary care visits—decreasing screening for depression—possibly contributing to increases in suicide (Mayne SL Pediatrics 2021)

- CHOP 29 practices 300,00 pts
- Data June 2019→Dec 2020
- ↓ Depression screening in primary care from 77.6% to 75.8%
- ↑ +Depression screens 5.0%→6.2% (esp female, non-Hispanic Black, and non-Hispanic White
- ↑ +Suicide screens 6.1%→7.1% (↑ 34% female adolescents)
- <u>Conclusion</u>: Underscores need for consistent depression & suicide screening

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McLean HOSPITAL





















