



Office of the  
**MEDICAL EXAMINER**  
COOK COUNTY, ILLINOIS  
**ANNUAL REPORT 2013**

Compiled by

**Toni Preckwinkle**

President  
Cook County Board of Commissioners

**Stephen J. Cina, M.D.**  
Chief Medical Examiner

**Carl Byrd**

Chief Administrative Officer  
Bureau of Administration



OFFICE OF THE COOK COUNTY MEDICAL EXAMINER

**STEPHEN J. CINA, MD, FCAP, D-ABMDI**

THE CHIEF MEDICAL EXAMINER

DR. ROBERT J. STEIN INSTITUTE OF FORENSIC MEDICINE

2121 West Harrison Street • Chicago, Illinois 60612 • (312) 666-0500

April 21, 2014

To the Honorable President Toni Preckwinkle and the Cook County Board of Commissioners:

I am pleased to present the 2013 Annual Report for your review on behalf of the Cook County Medical Examiner's Office (the Office). Thanks to the support of the leadership of Cook County the Office made great strides in 2013 toward becoming the premiere Medical Examiner's Office in the country. To summarize:

- Working closely with the Office of Capital Planning and Policy, the Office designed a state-of-the-art morgue cooler with a capacity for 275 adult bodies and 60 fetal remains. This renovation, which was completed in early 2014, ensures that the patients examined at the Office will be housed with respect and dignity.
- The Office worked with consultants who were experts in lean manufacturing concepts to evaluate and re-engineer workflow in all sections. These new, streamlined processes were then used to optimize the design of our innovative case management software which is currently in dual testing prior to full implementation in Q3 of 2014.
- At the beginning of 2013, 6 forensic pathologists and one trainee were employed by the Office resulting in lengthy autopsy report turnaround times and violations of national accreditation standards for number of autopsies per pathologist. Through aggressive recruiting the Office now has eleven forensic pathologists and one trainee on staff enabling the Office to reduce their Phase II accreditation deficiency to a Phase I deficiency. Additional staff will start July 1, 2014.
- Nine medicolegal death investigators achieved certification by the American Board of Medicolegal Death Investigators.
- The Office worked toward correcting deficiencies in policies, procedures and staffing throughout 2013 in an effort to regain accreditation by the National Association of Medical Examiners. This hard work resulted in Provisional Accreditation in early 2014. One of our four Phase II deficiencies has already been corrected.

The progress made by the Office in 2013 represents the cumulative efforts of both our staff and a host of other departments of Cook County government. The focus in 2014 will be to continue to recruit high-quality professionals to join our team, eliminate additional Phase II accreditation deficiencies, implement innovative technology in the pathology and toxicology sections, foster transparency in our daily operations, enhance customer service, and remain fiscally disciplined. The Office will continue to operate at a per capita cost that is significantly lower than national recommendations while providing the citizens of Cook County accurate and timely results. It is an honor to continue to serve as Cook County's Chief Medical Examiner.

Respectfully submitted,

Stephen J. Cina, MD

**TONI PRECKWINKLE**

PRESIDENT

**Cook County Board  
of Commissioners**

EARLEAN COLLINS

1st District

ROBERT STEELE

2nd District

JERRY BUTLER

3rd District

STANLEY MOORE

4th District

DEBORAH SIMS

5th District

JOAN PATRICIA MURPHY

6th District

JESUS G. GARCIA

7th District

EDWIN REYES

8th District

PETER N. SILVESTRI

9th District

BRIDGET GAINER

10th District

JOHN P. DALEY

11th District

JOHN A. FRITCHEY

12th District

LARRY SUFFREDIN

13th District

GREGG GOSLIN

14th District

TIMOTHY O. SCHNEIDER

15th District

JEFFREY R. TOBOLSKI

16th District

ELIZABETH ANN DOODY GORMAN

17th District

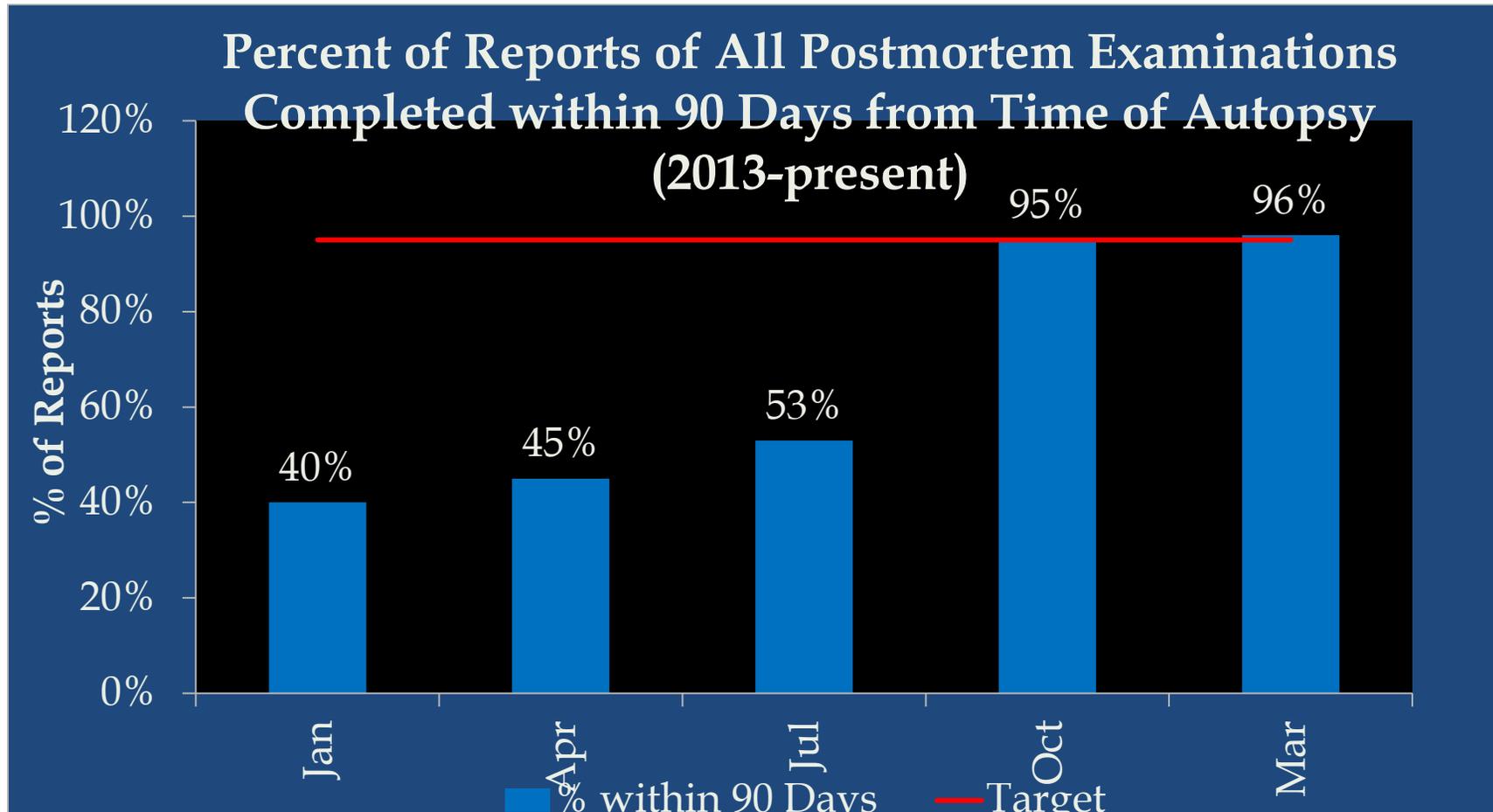
**AT A GLANCE-2013**

<b>Number of deaths investigated</b>	<b>12300</b>
<b>Number of cases admitted to Institute</b>	<b>4637</b>
<b>Number of cases by manner of death</b>	
<b>Accident</b>	<b>1580</b>
<b>Homicide</b>	<b>555</b>
<b>Natural</b>	<b>2734</b>
<b>Suicide</b>	<b>470</b>
<b>Undetermined</b>	<b>133</b>
<b>Homicides autopsied</b>	<b>554</b>
<b>Suicides autopsied</b>	<b>132</b>
<b>Non MVA- Accident deaths certified</b>	<b>1294</b>
<b>MVA - Accidental deaths certified</b>	<b>285</b>
<b>MVA-Accidents autopsied</b>	<b>41</b>
<b>Non-MVA Accidents autopsied</b>	<b>628</b>
<b>Naturals autopsied</b>	<b>751</b>
<b>Undetermined autopsied</b>	<b>116</b>
<b>Unidentified autopsied</b>	<b>5</b>
<b>Scene visits</b>	<b>576</b>
<b>Number of NAMECs (Not a Medical Examiner's case)</b>	<b>7663</b>
<b>Number of bodies transported to the office</b>	<b>4637</b>
<b>Number of bodies transported that were paid by the office</b>	<b>4</b>
<b>External examinations</b>	
<b>By physician</b>	<b>2313</b>
<b>By investigator</b>	<b>816</b>

**AT A GLANCE-2013 (cont.)**

<b>Partial autopsies</b>	<b>98</b>
<b>Complete autopsies</b>	<b>2129</b>
<b>Hospital autopsies under ME jurisdiction</b>	<b>0</b>
<b>Cases where toxicology was performed</b>	<b>3571</b>
<b>Bodies unidentified after examination</b>	<b>5</b>
<b>Exhumations</b>	<b>1</b>
<b>Unclaimed bodies</b>	<b>547</b>
<b>Average number of bodies in storage per day</b>	<b>191</b>
<b>Organ donations</b>	<b>91</b>
<b>Tissue donations</b>	<b>233</b>
<b>Cornea donations</b>	<b>702</b>
<b>Microscopic studies</b>	<b>904</b>
<b>Formal neuropathology studies</b>	<b>31</b>
<b>Formal cardiac pathology studies</b>	<b>32</b>

# Autopsy Turnaround







COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 1. MONTH WHEN INCIDENT OCCURRED  
 2013

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I_MONTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
UNKNOWN	20	0.36	20	0.36
JANUARY	487	8.80	507	9.16
FEBRUARY	408	7.37	915	16.53
MARCH	448	8.09	1363	24.62
APRIL	439	7.93	1802	32.54
MAY	457	8.25	2259	40.80
JUNE	463	8.36	2722	49.16
JULY	507	9.16	3229	58.32
AUGUST	456	8.24	3685	66.55
SEPTEMBER	398	7.19	4083	73.74
OCTOBER	462	8.34	4545	82.08
NOVEMBER	446	8.05	4991	90.14
DECEMBER	546	9.86	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 2. MONTH WHEN DEATH OCCURRED  
 2013

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D_MONTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
UNKNOWN	32	0.58	32	0.58
JANUARY	488	8.81	520	9.39
FEBRUARY	412	7.44	932	16.83
MARCH	442	7.98	1374	24.81
APRIL	449	8.11	1823	32.92
MAY	451	8.15	2274	41.07
JUNE	455	8.22	2729	49.29
JULY	519	9.37	3248	58.66
AUGUST	453	8.18	3701	66.84
SEPTEMBER	400	7.22	4101	74.07
OCTOBER	459	8.29	4560	82.36
NOVEMBER	454	8.20	5014	90.55
DECEMBER	523	9.45	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 3. DAY OF WEEK WHEN INCIDENT OCCURRED  
 2013

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I_DAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
SUNDAY	778	14.05	778	14.05
MONDAY	775	14.00	1553	28.05
TUESDAY	839	15.15	2392	43.20
WEDNESDAY	760	13.73	3152	56.93
THURSDAY	765	13.82	3917	70.74
FRIDAY	752	13.58	4669	84.32
SATURDAY	848	15.32	5517	99.64
UNKNOWN	20	0.36	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 4. DAY OF WEEK WHEN DEATH OCCURRED  
 2013

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D_DAY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
SUNDAY	753	13.60	753	13.60
MONDAY	759	13.71	1512	27.31
TUESDAY	847	15.30	2359	42.60
WEDNESDAY	774	13.98	3133	56.58
THURSDAY	776	14.01	3909	70.60
FRIDAY	775	14.00	4684	84.59
SATURDAY	821	14.83	5505	99.42
UNKNOWN	32	0.58	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 5. AGE OF DECEDENTS  
 2013

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AGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
UNDER 1	167	3.02	167	3.02
01-04	27	0.49	194	3.50
05-09	16	0.29	210	3.79
10-14	32	0.58	242	4.37
15-19	153	2.76	395	7.13
20-24	292	5.27	687	12.41
25-29	303	5.47	990	17.88
30-34	266	4.80	1256	22.68
35-39	295	5.33	1551	28.01
40-44	342	6.18	1893	34.19
45-49	465	8.40	2358	42.59
50-54	544	9.82	2902	52.41
55-59	625	11.29	3527	63.70
60-64	497	8.98	4024	72.67
65-69	393	7.10	4417	79.77
70-74	277	5.00	4694	84.78
75-79	238	4.30	4932	89.07
80-84	220	3.97	5152	93.05
85 & OLDER	385	6.95	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 6. RACE OF DECEDENTS  
2013

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RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
WHITE	3175	57.34	3175	57.34
BLACK	2253	40.69	5428	98.03
OTHER	109	1.97	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 7. GENDER OF DECEDENTS  
2013

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GENDER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
MALE	3849	69.51	3849	69.51
FEMALE	1651	29.82	5500	99.33
UNKNOWN	37	0.67	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 8. MANNER OF DEATH  
 2013

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MANNER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
ACCIDENT	1580	28.54	1580	28.54
HOMICIDE	555	10.02	2135	38.56
NATURAL	2734	49.38	4869	87.94
PENDING	1	0.02	4870	87.95
REMAINS	53	0.96	4923	88.91
STILL BIRTH	11	0.20	4934	89.11
SUICIDE	470	8.49	5404	97.60
UNDETERMINED	133	2.40	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 9. AUTOPSY STATUS  
2013

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AUTOPSY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	2230	40.27	2230	40.27
NO	3307	59.73	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 10. INJURED AT WORK  
2013

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WORK_INJ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
YES	115	2.08	115	2.08
NO	5422	97.92	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 11. MANNER OF DEATH BY MONTH OF INCIDENT  
 2013

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Table of I\_MONTH by MANNER

I_MONTH	MANNER									Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED		
UNKNOWN	1	3	1	0	13	1	0	1		20
JANUARY	153	51	244	0	2	1	27	9		487
FEBRUARY	122	20	227	0	2	1	28	8		408
MARCH	121	33	248	0	0	1	28	17		448
APRIL	140	29	200	0	5	2	53	10		439
MAY	131	57	216	0	0	1	41	11		457
JUNE	132	55	220	0	3	0	41	12		463
JULY	126	65	251	0	2	1	47	15		507
AUGUST	131	62	204	0	2	1	45	11		456
SEPTEMBER	112	48	188	0	2	2	36	10		398
OCTOBER	128	44	234	0	4	0	39	13		462
NOVEMBER	143	33	223	0	0	0	40	7		446
DECEMBER	140	55	278	1	18	0	45	9		546
Total	1580	555	2734	1	53	11	470	133		5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 12. MANNER OF DEATH BY MONTH OF DEATH  
 2013

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Table of D\_MONTH by MANNER

D_MONTH	MANNER									Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	BI	SUICIDE	UNDETERM INED	
UNKNOWN	0	0	0	0	32	0	0	0	0	32
JANUARY	154	52	243	0	1	1	28	9		488
FEBRUARY	125	21	228	0	1	1	27	9		412
MARCH	120	31	248	0	0	1	27	15		442
APRIL	144	29	204	0	5	2	53	12		449
MAY	128	57	213	0	0	1	41	11		451
JUNE	122	58	217	0	2	1	43	12		455
JULY	136	65	255	0	1	1	46	15		519
AUGUST	132	57	203	0	2	1	46	12		453
SEPTEMBER	111	52	187	0	4	1	36	9		400
OCTOBER	123	46	235	0	2	1	40	12		459
NOVEMBER	148	34	225	0	2	0	38	7		454
DECEMBER	137	53	276	1	1	0	45	10		523
Total	1580	555	2734	1	53	11	470	133		5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 13. MANNER OF DEATH BY WEEKDAY OF INCIDENT  
 2013

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Table of MANNER by I\_DAY

MANNER	I_DAY								Total
Frequency	SUNDAY	MONDAY	TUESDAY	WEDNES- DAY	THURSDAY	FRIDAY	SATURDAY	UNKNOWN	
ACCIDENT	247	208	228	199	222	213	262	1	1580
HOMICIDE	90	68	69	75	77	80	93	3	555
NATURAL	339	406	432	397	379	376	404	1	2734
PENDING	0	1	0	0	0	0	0	0	1
REMAINS	2	4	1	4	5	3	21	13	53
STILL BIRTH	2	1	3	1	3	0	0	1	11
SUICIDE	69	70	85	64	66	68	48	0	470
UNDETERMINED	29	17	21	20	13	12	20	1	133
Total	778	775	839	760	765	752	848	20	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 14. MANNER OF DEATH BY WEEKDAY OF DEATH  
 2013

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Table of MANNER by D\_DAY

MANNER	D_DAY								Total
Frequency	SUNDAY	MONDAY	TUESDAY	WEDNES- DAY	THURSDAY	FRIDAY	SATURDAY	UNKNOWN	
ACCIDENT	226	210	225	211	218	231	259	0	1580
HOMICIDE	90	67	78	76	75	82	87	0	555
NATURAL	341	400	427	406	379	378	403	0	2734
PENDING	0	1	0	0	0	0	0	0	1
REMAINS	3	3	3	3	4	2	3	32	53
STILL BIRTH	2	0	4	1	4	0	0	0	11
SUICIDE	66	61	88	59	77	68	51	0	470
UNDETERMINED	25	17	22	18	19	14	18	0	133
Total	753	759	847	774	776	775	821	32	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 15. MANNER OF DEATH BY AGE OF DECEDENT  
 2013

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Table of AGE by MANNER

AGE	MANNER								Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED	
UNDER 1	15	10	16	0	51	11	0	64	167
01-04	7	5	9	0	0	0	0	6	27
05-09	5	4	7	0	0	0	0	0	16
10-14	7	9	7	0	0	0	9	0	32
15-19	29	100	8	0	0	0	13	3	153
20-24	107	119	17	0	0	0	43	6	292
25-29	102	92	55	0	0	0	46	8	303
30-34	108	71	56	0	0	0	27	4	266
35-39	111	48	86	0	1	0	40	9	295
40-44	135	30	136	0	0	0	36	5	342
45-49	143	14	246	0	0	0	56	6	465
50-54	162	22	325	0	0	0	32	3	544
55-59	156	9	396	1	0	0	58	5	625
60-64	88	4	363	0	0	0	38	4	497
65-69	79	5	283	0	0	0	24	2	393
70-74	48	4	208	0	0	0	16	1	277
75-79	51	4	167	0	0	0	13	3	238
80-84	78	3	128	0	1	0	9	1	220
85 & OLDER	149	2	221	0	0	0	10	3	385
Total	1580	555	2734	1	53	11	470	133	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 16. MANNER OF DEATH BY RACE OF DECEDENT  
 2013

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Table of MANNER by RACE

MANNER	RACE			Total
	WHITE	BLACK	OTHER	
ACCIDENT	1069	488	23	1580
HOMICIDE	131	422	2	555
NATURAL	1520	1190	24	2734
PENDING	1	0	0	1
REMAINS	5	1	47	53
STILL BIRTH	6	3	2	11
SUICIDE	387	74	9	470
UNDETERMINED	56	75	2	133
Total	3175	2253	109	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 17. MANNER OF DEATH BY GENDER OF DECEDENT  
 2013

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Table of MANNER by GENDER

MANNER	GENDER			Total
	MALE	FEMALE	UNKNOWN	
ACCIDENT	1098	482	0	1580
HOMICIDE	486	69	0	555
NATURAL	1815	919	0	2734
PENDING	1	0	0	1
REMAINS	7	10	36	53
STILL BIRTH	5	5	1	11
SUICIDE	363	107	0	470
UNDETERMINED	74	59	0	133
Total	3849	1651	37	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 18. AGE AND RACE OF DECEDENTS BY GENDER  
 2013

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GENDER=MALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	22	34	6	62
01-04	11	6	0	17
05-09	1	6	0	7
10-14	10	9	0	19
15-19	43	83	1	127
20-24	125	108	5	238
25-29	130	101	1	232
30-34	109	98	0	207
35-39	136	88	1	225
40-44	150	104	1	255
45-49	195	131	4	330
50-54	226	173	3	402
55-59	269	195	1	465
60-64	210	144	3	357
65-69	176	102	2	280
70-74	122	56	2	180
75-79	96	53	6	155
80-84	86	36	3	125
85 & OLDER	129	33	4	166
Total	2246	1560	43	3849

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 18. AGE AND RACE OF DECEDENTS BY GENDER  
 2013

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 GENDER=FEMALE  
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Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	20	42	6	68
01-04	2	8	0	10
05-09	3	6	0	9
10-14	7	6	0	13
15-19	14	12	0	26
20-24	34	19	1	54
25-29	37	32	2	71
30-34	37	22	0	59
35-39	42	27	1	70
40-44	35	51	1	87
45-49	63	72	0	135
50-54	69	71	2	142
55-59	89	68	3	160
60-64	64	74	2	140
65-69	68	44	1	113
70-74	65	28	4	97
75-79	54	28	1	83
80-84	65	27	3	95
85 & OLDER	161	56	2	219
Total	929	693	29	1651

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 18. AGE AND RACE OF DECEDENTS BY GENDER  
2013

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----- GENDER=UNKNOWN -----

Table of AGE by RACE

AGE	RACE	
Frequency	OTHER	Total
UNDER 1	37	37
Total	37	37

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 19. MANNER OF DEATH BY RACE AND GENDER OF DECEDENT  
 2013

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-----  
 RACE-WHITE  
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Table of GENDER by MANNER

GENDER	MANNER								Total
	Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	
MALE	755	106	1043	1	2	3	302	34	2246
FEMALE	314	25	477	0	3	3	85	22	929
Total	1069	131	1520	1	5	6	387	56	3175

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 19. MANNER OF DEATH BY RACE AND GENDER OF DECEDENT  
 2013

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----- RACE=BLACK -----

Table of GENDER by MANNER

GENDER	MANNER							Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED	
MALE	330	379	755	0	1	55	40	1560
FEMALE	158	43	435	1	2	19	35	693
Total	488	422	1190	1	3	74	75	2253

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 19. MANNER OF DEATH BY RACE AND GENDER OF DECEDENT  
 2013

11:51 Monday, April 21, 2014 25

----- RACE=OTHER -----

Table of GENDER by MANNER

GENDER	MANNER							Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED	
MALE	13	1	17	5	1	6	0	43
FEMALE	10	1	7	6	0	3	2	29
UNKNOWN	0	0	0	36	1	0	0	37
Total	23	2	24	47	2	9	2	109

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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MANNER=ACCIDENT GENDER=MALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	3	2	0	5
01-04	5	1	0	6
05-09	0	2	0	2
10-14	3	2	0	5
15-19	12	6	0	18
20-24	64	12	3	79
25-29	66	8	0	74
30-34	65	20	0	85
35-39	67	20	0	87
40-44	70	34	0	104
45-49	59	44	0	103
50-54	64	58	3	125
55-59	53	56	1	110
60-64	35	27	1	63
65-69	37	19	0	56
70-74	26	6	0	32
75-79	21	6	2	29
80-84	39	2	1	42
85 & OLDER	66	5	2	73
Total	755	330	13	1098

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

11:51 Monday, April 21, 2014 27

MANNER=ACCIDENT GENDER=FEMALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	3	7	0	10
01-04	0	1	0	1
05-09	1	2	0	3
10-14	1	1	0	2
15-19	9	2	0	11
20-24	20	7	1	28
25-29	20	8	0	28
30-34	19	4	0	23
35-39	16	8	0	24
40-44	13	18	0	31
45-49	18	22	0	40
50-54	19	17	1	37
55-59	27	17	2	46
60-64	15	10	0	25
65-69	16	6	1	23
70-74	10	4	2	16
75-79	15	6	1	22
80-84	30	4	2	36
85 & OLDER	62	14	0	76
Total	314	158	10	482

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

11:51 Monday, April 21, 2014 28

MANNER=HOMICIDE GENDER=MALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	0	6	0	6
01-04	1	1	0	2
05-09	0	2	0	2
10-14	3	6	0	9
15-19	25	66	0	91
20-24	28	82	1	111
25-29	13	70	0	83
30-34	10	53	0	63
35-39	7	37	0	44
40-44	6	18	0	24
45-49	4	7	0	11
50-54	2	18	0	20
55-59	1	6	0	7
60-64	1	1	0	2
65-69	2	2	0	4
70-74	0	2	0	2
75-79	1	2	0	3
85 & OLDER	2	0	0	2
Total	106	379	1	486

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

11:51 Monday, April 21, 2014 29

MANNER=HOMICIDE GENDER=FEMALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	2	2	0	4
01-04	1	2	0	3
05-09	1	1	0	2
15-19	1	8	0	9
20-24	3	5	0	8
25-29	4	4	1	9
30-34	3	5	0	8
35-39	3	1	0	4
40-44	1	5	0	6
45-49	0	3	0	3
50-54	1	1	0	2
55-59	0	2	0	2
60-64	0	2	0	2
65-69	0	1	0	1
70-74	2	0	0	2
75-79	1	0	0	1
80-84	2	1	0	3
Total	25	43	1	69

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

11:51 Monday, April 21, 2014 30

-----  
 MANNER-NATURAL GENDER-MALE  
 -----

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	3	5	0	8
01-04	3	3	0	6
05-09	1	2	0	3
10-14	0	1	0	1
15-19	2	5	0	7
20-24	2	7	0	9
25-29	19	13	0	32
30-34	20	19	0	39
35-39	32	25	1	58
40-44	49	48	1	98
45-49	92	70	4	166
50-54	140	94	0	234
55-59	173	126	0	299
60-64	151	109	1	261
65-69	119	78	2	199
70-74	82	48	1	131
75-79	62	43	4	109
80-84	39	33	1	73
85 & OLDER	54	26	2	82
Total	1043	755	17	1815

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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MANNER=NATURAL GENDER=FEMALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	2	6	0	8
01-04	1	2	0	3
05-09	1	3	0	4
10-14	2	4	0	6
15-19	0	1	0	1
20-24	3	5	0	8
25-29	6	17	0	23
30-34	4	13	0	17
35-39	15	13	0	28
40-44	12	25	1	38
45-49	36	44	0	80
50-54	38	52	1	91
55-59	50	46	1	97
60-64	43	59	0	102
65-69	49	35	0	84
70-74	51	24	2	77
75-79	36	22	0	58
80-84	32	22	1	55
85 & OLDER	96	42	1	139
Total	477	435	7	919

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

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----- MANNER=PENDING GENDER=MALE -----

Table of AGE by RACE

AGE	RACE	Total
Frequency	WHITE	
55-59	1	1
Total	1	1

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

11:51 Monday, April 21, 2014 33

-----  
MANNER=REMAINS GENDER=MALE  
-----

Table of AGE by RACE

AGE	RACE		
Frequency	WHITE	OTHER	Total
UNDER 1	1	5	6
80-84	1	0	1
Total	2	5	7

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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MANNER=REMAINS GENDER=FEMALE

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	2	1	6	9
35-39	1	0	0	1
Total	3	1	6	10

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

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----- MANNER=REMAINS GENDER=UNKNOWN -----

Table of AGE by RACE

AGE	RACE	
Frequency	OTHER	Total
UNDER 1	36	36
Total	36	36

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

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----- MANNER=STILL BIRTH GENDER=MALE -----

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	3	1	1	5
Total	3	1	1	5

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

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----- MANNER=STILL BIRTH GENDER=FEMALE -----

Table of AGE by RACE

AGE	RACE		
Frequency	WHITE	BLACK	Total
UNDER 1	3	2	5
Total	3	2	5

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
2013

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----- MANNER=STILL BIRTH GENDER=UNKNOWN -----

Table of AGE by RACE

AGE	RACE	
Frequency	OTHER	Total
UNDER 1	1	1
Total	1	1

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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MANNER-SUICIDE GENDER-MALE

Table of AGE by RACE

AGE	RACE			Total
	WHITE	BLACK	OTHER	
10-14	4	0	0	4
15-19	4	5	1	10
20-24	28	5	1	34
25-29	29	6	1	36
30-34	12	5	0	17
35-39	27	4	0	31
40-44	25	2	0	27
45-49	38	9	0	47
50-54	18	3	0	21
55-59	41	5	0	46
60-64	22	5	1	28
65-69	17	2	0	19
70-74	14	0	1	15
75-79	11	1	0	12
80-84	6	1	1	8
85 & OLDER	6	2	0	8
Total	302	55	6	363

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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----- MANNER-SUICIDE GENDER-FEMALE -----

Table of AGE by RACE

AGE	RACE			Total
	WHITE	BLACK	OTHER	
Frequency				
10-14	4	1	0	5
15-19	3	0	0	3
20-24	7	2	0	9
25-29	7	2	1	10
30-34	10	0	0	10
35-39	6	2	1	9
40-44	7	2	0	9
45-49	7	2	0	9
50-54	10	1	0	11
55-59	10	2	0	12
60-64	6	3	1	10
65-69	3	2	0	5
70-74	1	0	0	1
75-79	1	0	0	1
80-84	1	0	0	1
85 & OLDER	2	0	0	2
Total	85	19	3	107

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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----- MANNER=UNDETERMINED GENDER=MALE -----

Table of AGE by RACE

AGE	RACE		Total
	WHITE	BLACK	
Frequency			
UNDER 1	12	20	32
01-04	2	1	3
15-19	0	1	1
20-24	3	2	5
25-29	3	4	7
30-34	2	1	3
35-39	3	2	5
40-44	0	2	2
45-49	2	1	3
50-54	2	0	2
55-59	0	2	2
60-64	1	2	3
65-69	1	1	2
75-79	1	1	2
80-84	1	0	1
85 & OLDER	1	0	1
Total	34	40	74

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 20. AGE AND RACE OF DECEDENTS BY GENDER AND MANNER  
 2013

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----- MANNER=UNDETERMINED GENDER=FEMALE -----

Table of AGE by RACE

AGE	RACE			Total
Frequency	WHITE	BLACK	OTHER	
UNDER 1	8	24	0	32
01-04	0	3	0	3
15-19	1	1	0	2
20-24	1	0	0	1
25-29	0	1	0	1
30-34	1	0	0	1
35-39	1	3	0	4
40-44	2	1	0	3
45-49	2	1	0	3
50-54	1	0	0	1
55-59	2	1	0	3
60-64	0	0	1	1
70-74	1	0	0	1
75-79	1	0	0	1
85 & OLDER	1	0	1	2
Total	22	35	2	59

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 21. MANNER OF DEATH BY AUTOPSY STATUS  
 2013

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Table of MANNER by AUTOPSY

MANNER	AUTOPSY		Total
	Frequency	YES	
ACCIDENT	669	911	1580
HOMICIDE	554	1	555
NATURAL	751	1983	2734
PENDING	1	0	1
REMAINS	0	53	53
STILL BIRTH	7	4	11
SUICIDE	132	338	470
UNDETERMINED	116	17	133
Total	2230	3307	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 22. CAUSE OF DEATH (GENERAL)  
 2013

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GENCAUSE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	842	15.21	842	15.21
TRAUMATIC INJURY	1076	19.43	1918	34.64
POISONING AND TOXIC EFFECTS	703	12.70	2621	47.34
ASPHYXIATION	273	4.93	2894	52.27
BURNS	2	0.04	2896	52.30
ELECTROCUTION	4	0.07	2900	52.37
EXPOSURE AND NEGLECT	18	0.33	2918	52.70
INFECTIOUS DISEASES	79	1.43	2997	54.13
NEOPLASMS; MALIGNANT (CANCER)	46	0.83	3043	54.96
ENDOCRINE AND METABOLIC DISEASES	64	1.16	3107	56.11
BLOOD DISEASES	2	0.04	3109	56.15
NERVOUS SYSTEM DISEASES	199	3.59	3308	59.74
CIRCULATORY SYSTEM DISEASES	1848	33.38	5156	93.12
RESPIRATORY SYSTEM DISEASES	104	1.88	5260	95.00
DIGESTIVE SYSTEM DISEASES	112	2.02	5372	97.02
GENITO-URINARY SYSTEM DISEASES	10	0.18	5382	97.20
CONGENITAL ANOMALIES	12	0.22	5394	97.42
PERINATAL CONDITIONS	5	0.09	5399	97.51
ILL-DEFINED CONDITIONS	9	0.16	5408	97.67
UNSPECIFIED OR UNKNOWN CAUSES	129	2.33	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 23. CAUSE OF DEATH (SPECIFIC)  
 2013

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GENERAL CAUSE OF DEATH	SPECIFIC CAUSE OF DEATH	Frequency Count	Percent of Total Frequency
		842	15.387
	N = 1		
TRAUMATIC INJURY	BLUNT FORCE TRAUMA	120	2.167
	GUNSHOT WOUND	555	10.023
	SHARP FORCE TRAUMA	48	0.867
	MULTIPLE TRAUMATIC INJURIES	309	5.581
	OTHER TRAUMATIC INJURIES	42	0.759
	UNSPECIFIED/UNKNOWN TRAUMATIC INJURIES	2	0.036
-----		-----	-----
TRAUMATIC INJURY		1076	19.433
	N = 6		
POISONING AND TOXIC EFFECTS	DRUG INTOXICATION	587	10.601
	ALCOHOL AND DRUG INTOXICATION	63	1.138
	CARBON MONOXIDE INTOXICATION	51	0.921
	INHALATION COMBUSTION PRODUCTS/THERMAL BURNS	1	0.018
	TOXIC EFFECTS OF OTHER SUBSTANCES	1	0.018
-----		-----	-----
POISONING AND TOXIC EFFECTS		703	12.696
	N = 5		
ASPHYXIATION	ASPHYXIATION BY HANGING	107	1.932
	ASPHYXIATION BY STRANGULATION	10	0.181
	ASPHYXIATION FROM CHEST COMPRESSION	2	0.036
	DROWNING	55	0.993
	OTHER ASPHYXIATION	2	0.036
	UNSPECIFIED OR UNKNOWN ASPHYXIATION	97	1.752
-----		-----	-----
ASPHYXIATION		273	4.930
	N = 6		
BURNS	THERMAL BURNS	2	0.036
	N = 1		
ELECTROCUTION	ELECTROCUTION	4	0.072
	N = 1		

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 23. CAUSE OF DEATH (SPECIFIC)  
 2013

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GENERAL CAUSE OF DEATH	SPECIFIC CAUSE OF DEATH	Frequency Count	Percent of Total Frequency
EXPOSURE AND NEGLECT	DEHYDRATION AND MALNUTRITION	1	0.018
	HEAT STRESS	4	0.072
	HYPOTHERMIA	13	0.235
-----		-----	-----
EXPOSURE AND NEGLECT		18	0.325
	N = 3		
INFECTIOUS DISEASES	ACQUIRED IMMUNODEFICIENCY SYNDROME	5	0.090
	TUBERCULOSIS	1	0.018
	OTHER INFECTIOUS DISEASES	73	1.318
-----		-----	-----
INFECTIOUS DISEASES		79	1.427
	N = 3		
NEOPLASMS; MALIGNANT (CANCER)	NEOPLASMS, MALIGNANT (CANCER)	46	0.831
	N = 1		
ENDOCRINE AND METABOLIC DISEASES	ENDOCRINE/METABOLIC (DIABETES MELLITUS)	64	1.156
	N = 1		
BLOOD DISEASES	BLOOD DISEASES	2	0.036
	N = 1		
NERVOUS SYSTEM DISEASES	SEIZURE DISORDERS	34	0.614
	OTHER NERVOUS SYSTEM DISEASES	165	2.980
-----		-----	-----
NERVOUS SYSTEM DISEASES		199	3.594
	N = 2		
CIRCULATORY SYSTEM DISEASES	HYPERTENSIVE CARDIOVASCULAR DISEASE	645	11.649
	ISCHEMIC HEART DISEASE/MYOCARDIAL INFARCTION	20	0.361
	ARTERIOSCLEROTIC CARDIOVASCULAR DISEASE	998	18.024
	ARRHYTHMIA	42	0.759
	CARDIOMYOPATHY	57	1.029

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 23. CAUSE OF DEATH (SPECIFIC)  
 2013

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GENERAL CAUSE OF DEATH	SPECIFIC CAUSE OF DEATH	Frequency Count	Percent of Total Frequency
CIRCULATORY SYSTEM DISEASES	PULMONARY EMBOLISM	49	0.885
	CEREBROVASCULAR DISEASE	1	0.018
	ANEURYSM	3	0.054
	HEMORRHAGE	29	0.524
	OTHER CIRCULATORY SYSTEM DISEASES	3	0.054
	UNSPECIFIED/UNK CIRCULATORY SYSTEM DISEASES	1	0.018
-----		-----	-----
CIRCULATORY SYSTEM DISEASES		1848	33.375
	N = 11		
RESPIRATORY SYSTEM DISEASES	CHRONIC OBSTRUCTIVE PULMONARY DISEASES	32	0.578
	ASTHMA	32	0.578
	OTHER RESPIRATORY SYSTEM DISEASES	40	0.722
	-----	-----	-----
RESPIRATORY SYSTEM DISEASES		104	1.878
	N = 3		
DIGESTIVE SYSTEM DISEASES	CIRRHOSIS DUE TO ALCOHOLISM	74	1.336
	CIRRHOSIS DUE TO OTHER CAUSES	2	0.036
	FATTY LIVER DUE TO ALCOHOLISM	16	0.289
	OTHER DIGESTIVE SYSTEM DISEASES	20	0.361
	-----	-----	-----
DIGESTIVE SYSTEM DISEASES		112	2.023
	N = 4		
GENITO-URINARY SYSTEM DISEASES		10	15.387
	N = 1		
CONGENITAL ANOMALIES	CONGENITAL ANOMALIES	12	0.217
	N = 1		
PERINATAL CONDITIONS	PERINATAL CONDITIONS	5	0.090
	N = 1		

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 23. CAUSE OF DEATH (SPECIFIC)  
 2013

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GENERAL CAUSE OF DEATH	SPECIFIC CAUSE OF DEATH	Frequency Count	Percent of Total Frequency
ILL-DEFINED CONDITIONS	ILL-DEFINED CONDITIONS	9	0.163
	N = 1		
UNSPECIFIED OR UNKNOWN CAUSES	UNSPECIFIED OR UNKNOWN CAUSE	129	2.330
		=====	=====
		5537	115.387
	N = 1		
	Total N = 54		

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 24. BLOOD ALCOHOL CONCENTRATION OF DECEDENTS  
2013

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BLOOD ALCOHOL CONCENTRATION (MG/DL)

COUNT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	1	0.02	1	0.02
NOT TESTED	5536	99.98	5537	100.00

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 25. MANNER OF DEATH BY BLOOD ALCOHOL CONCENTRATION  
 2013

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Table of COUNT by MANNER\_D

COUNT	MANNER_D								
Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED	Total
NOT TESTED	1580	555	2734	1	53	11	470	133	5537
Total	1580	555	2734	1	53	11	470	133	5537

COOK COUNTY MEDICAL EXAMINER CASES  
TABLE 26. CAUSE OF DEATH BY MANNER  
2013

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Table of GENCAUSE by MANNER\_D

GENCAUSE	MANNER_D									Total
Frequency	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED		
	230	29	533	1	0	9	23	17		842
TRAUMATIC INJURY	377	500	2	0	0	0	179	18		1076
POISONING AND TO XIC EFFECTS	616	2	2	0	0	0	78	5		703
ASPHYXIATION	72	12	0	0	0	0	180	9		273
BURNS	2	0	0	0	0	0	0	0		2
ELECTROCUTION	3	0	0	0	0	0	1	0		4
EXPOSURE AND NEG LECT	16	1	1	0	0	0	0	0		18
INFECTIOUS DISEA SES	20	5	52	0	0	1	0	1		79
NEOPLASMS; MALIG NANT (CANCER)	0	0	46	0	0	0	0	0		46
ENDOCRINE AND ME TABOLIC DISEASES	3	0	60	0	0	0	0	1		64
BLOOD DISEASES	0	0	2	0	0	0	0	0		2
NERVOUS SYSTEM D ISEASES	112	1	75	0	0	0	6	5		199
CIRCULATORY SYST EM DISEASES	87	2	1755	0	0	0	2	2		1848
RESPIRATORY SYST EM DISEASES	29	1	71	0	0	0	1	2		104
DIGESTIVE SYSTEM DISEASES	6	1	103	0	0	0	0	2		112
GENITO-URINARY S YSTEM DISEASES	2	0	8	0	0	0	0	0		10
CONGENITAL ANOMA LIES	0	0	12	0	0	0	0	0		12
Total (Continued)	1580	555	2734	1	53	11	470	133		5537

Table of GENCAUSE by MANNER\_D

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 26. CAUSE OF DEATH BY MANNER  
 2013

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GENCAUSE Frequency	MANNER_D								Total
	ACCIDENT	HOMICIDE	NATURAL	PENDING	REMAINS	STILL BI RTH	SUICIDE	UNDETERM INED	
PERINATAL CONDIT IONS	0	1	3	0	0	1	0	0	5
ILL-DEFINED COND ITIONS	5	0	4	0	0	0	0	0	9
UNSPECIFIED OR U NKNOWN CAUSES	0	0	5	0	53	0	0	71	129
Total	1580	555	2734	1	53	11	470	133	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 27. CAUSE OF DEATH BY AUTOPSY STATUS  
 2013

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Table of GENCAUSE by AUTOPSY

GENCAUSE Frequency	AUTOPSY		Total
	YES	NO	
	238	604	842
TRAUMATIC INJURY	637	439	1076
POISONING AND TOXIC EFFECTS	435	268	703
ASPHYXIATION	111	162	273
BURNS	2	0	2
ELECTROCUTION	2	2	4
EXPOSURE AND NEGLECT	16	2	18
INFECTIOUS DISEASES	53	26	79
NEOPLASMS; MALIGNANT (CANCER)	13	33	46
ENDOCRINE AND METABOLIC DISEASES	26	38	64
BLOOD DISEASES	2	0	2
NERVOUS SYSTEM DISEASES	84	115	199
CIRCULATORY SYSTEM DISEASES	425	1423	1848
RESPIRATORY SYSTEM DISEASES	59	45	104
DIGESTIVE SYSTEM DISEASES	37	75	112
GENITO-URINARY SYSTEM DISEASES	2	8	10
CONGENITAL ANOMALIES	11	1	12
PERINATAL CONDITIONS	4	1	5
Total (Continued)	2230	3307	5537

COOK COUNTY MEDICAL EXAMINER CASES  
 TABLE 27. CAUSE OF DEATH BY AUTOPSY STATUS  
 2013

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Table of GENCAUSE by AUTOPSY

GENCAUSE Frequency	AUTOPSY		Total
	YES	NO	
ILL-DEFINED COND ITIONS	2	7	9
UNSPECIFIED OR U NKNOWN CAUSES	71	58	129
Total	2230	3307	5537