

NCI PUBLICATION ON CANCER MORTALITY AND TRENDS

DATA PRESENTATION

DESCRIPTION OF DATA UNDER HEADINGS

Deaths

The total number of deaths from the specified cancer form in the specific geographical area in the indicated time period.

Rate -

The age adjusted average annual death rate per 100,000 population during the indicated time period. The age adjustment calculation is a method employed in the study to improve comparability of the data.

Percent Change Comparisons: 60s/50s; 70s/60s; 70s/50s

These plus or minus numbers indicate the percent change in mortality rate between 1950-1959 and 1960-1969, 1960-1969 and 1970-1979, and between 1950-1959 and 1970-1979.

Percentile: % Change 70s/50s

The percentile rank of a specific county among the 3065 counties (or parishes) in the continental United States, Alaska and Hawaii based on the percent change in mortality rate between 1950-1959 and 1970-1979.

District of Columbia is listed both as a state and as a county. Higher percentile ranks indicate higher percent mortality rate increase areas.

Percentile: Rates 70s

The percentile rank of a specific county among the 3065 counties listed based on the average annual mortality rates listed for the 1970-1979 period. Higher percentile ranks indicate higher mortality rate areas.

* Asterisk

An asterisk indicates that the observed number of deaths from the specified form of cancer in a specific county is significantly larger than the expected (calculated by formula) number of deaths.

TABLE OF CONTENTS

All Cancers Combined.....	Pages 1-2
Cancer of the Pancreas.....	Pages 3-4
Cancer of the Liver and Gallbladder.....	Pages 5-6
Cancer of the Rectum.....	Pages 7-8
Cancer of the Large Intestine.....	Pages 9-10
Leukemias.....	Pages 11-12
Cancer of the Stomach.....	Pages 13-14
Cancer of the Esophagus.....	Pages 15-16
Cancer of the Nasopharynx.....	Pages 17-18
Cancer of the Salivary Gland.....	Pages 19-20
Cancer of the Oral Cavity Including Tongue.....	Pages 21-22
Cancer of the Lip.....	Pages 23-24
Cancer of the Kidney and Ureter.....	Pages 25-26
Cancer of the Bladder and Other Urinary Organs.....	Pages 27-28
Cancer of the Testis.....	Pages 29-30
Cancer of the Prostate.....	Pages 31-32
Cancer of the Ovary, Fallopian Tube.....	Pages 33-34
Cancer of the Cervix Uteri.....	Pages 35-36
Cancer of the Chorion and Uterus.....	Pages 37-38
Cancer of the Breast.....	Pages 39-40
Nonmelanoma Skin Cancer.....	Pages 41-42
Malignant Melanoma of Skin.....	Pages 43-44
Connective and Soft Tissue Cancer.....	Pages 45-46
Cancer of the Bone Including Jaw.....	Pages 47-48
Cancer of the Trachea, Bronchus & Lung Including Pluera, and Other Respiratory Sites.....	Pages 49-50

TABLE OF CONTENTS

(Continued)

Cancer of the Larynx.....	Pages 51-52
Cancer of the Nose, Nasal Cavities, Middle Ear.....	Pages 53-54
Hodgkin's Disease.....	Pages 55-56
Lymphosarcoma and Reticulum Cell.....	Pages 57-58
Cancer of the Thymus and Other Endocrine Glands.....	Pages 59-60
Cancer of the Thyroid Gland.....	Pages 61-62
Cancer of the Brain and Other Parts.....	Pages 63-64
Cancer of the Eye.....	Pages 65-66
Multiple Myeloma.....	Pages 67-68
Secondary, Site Unspecified and Not Previously Listed Cancers..	Pages 69-70

ALL CANCER COMBINED

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	1135259	176.6	1434818	190.0	1754868	204.1	8	7	16		
West Virginia	11248	147.4	14750	179.8	17838	202.9	22	13	38		
Kanawha	1245	157.7	1840*	202.3	2254*	226.2	28	12	43	75	91
Pleasants	40	117.7	53	156.6	69	193.6	33	24	65	90	56
Putnam	111	124.8	165	152.3	269	196.5	22	29	57	86	61
Tyler	73	114.4	107	182.4	103	177.0	59	-3	55	84	31
Wetzel	147	147.2	175	172.7	223	206.8	17	20	40	72	74
Washington, OH	353	143.5	426	163.5	536	192.4	14	18	34	64	54
<u>WHITE FEMALE</u>											
United States	1031475	141.6	1220907	132.4	1488093	131.7	-6	-1	-7		
West Virginia	10434	132.7	11786	127.1	14078	128.6	-4	1	-3		
Kanawha	1198	138.1	1416	126.9	1824	137.4	-8	8	0	63	85
Pleasants	41	125.4	49	125.2	52	119.0	0	-5	-5	50	48
Putnam	85	99.2	122	106.2	185	118.4	7	11	19	90	46
Tyler	89	133.5	74	102.6	90	123.7	-23	21	-7	43	59
Wetzel	144	147.2	149	135.6	189	149.7	-8	10	2	67	95
Washington, OH	365	128.8	387	122.6	480	135.8	-5	11	5	74	82

UCC 100123

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

ALL CANCER COMBINED

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	102662	166.3	160896	209.5	230120	231.6	26	11	39		
West Virginia	807	168.0	957	214.3	981*	245.6	28	15	46		
Kanawha	134*	209.8	167	238.2	190*	279.0	14	17	33	43	86
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	1*	112.4	-	-	-	-	38
Wetzel	1*	344.1	1*	490.8	-	-	43	-	-	-	-
Washington, OH	10	224.6	8	246.3	12	240.6	10	-2	7	28	74
<u>NON-WHITE FEMALE</u>											
United States	98414	142.9	129161	142.3	169793	133.1	0	-6	-7		
West Virginia	668	155.5	697	152.2	742*	154.8	-2	2	0		
Kanawha	103	148.3	134	165.8	165*	186.8	12	13	26	77	88
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	1	267.9	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
Washington, OH	-	-	-	-	-	-	-	-	-	-	-

UCC 100124

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

CANCER OF THE PANCREAS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	60167	9.3	82104	10.9	93344	10.9	17	0	17		
West Virginia	590	7.8	909	11.1	871	10.0	41	-10	27		
Kanawha	61	7.9	116	13.3	110	11.2	67	-16	41	60	60
Pleasants	1	2.8	6	18.2	3	8.8	538	-52	209	92	32
Putnam	7	7.8	6	5.4	14	11.0	-32	105	41	60	58
Tyler	3	3.8	2	3.3	6	10.7	-13	223	179	90	54
Wetzel	7	7.9	12	11.3	18	6.4	43	45	108	81	91
<u>WHITE FEMALE</u>											
United States	42301	5.9	60602	6.5	78483	6.7	11	3	14		
West Virginia	406	5.4	588	6.3	641	5.6	17	-11	5		
Kanawha	55	7.2	80	7.3	71	5.2	2	-29	-28	20	35
Pleasants	-	-	4	10.5	3	5.9	-	-44	-	-	46
Putnam	4	4.4	7	5.9	7	4.7	36	-21	8	44	27
Tyler	5	7.4	11*	15.3	4	5.5	106	-64	-26	21	40
Wetzel	4	4.4	8	7.1	9	6.9	60	-4	54	70	63

UCC 100125

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE PANCREAS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	5352	8.6	9073	11.9	11575	11.8	38	-1	37		
West Virginia	43	8.6	60	13.7	47	11.9	59	-13	39		
Kanawha	7	9.8	6	8.8	8	12.2	-11	38	23	45	76
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	3377	5.2	6230	7.2	9585	7.7	38	7	47		
West Virginia	29	7.1	38	8.2	43	8.8	15	7	23		
Kanawha	1	2.7	5	6.0	8	9.5	118	59	246	89	83
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100126

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LIVER AND GALLBLADDER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	19404	3.0	27997	3.7	39785	4.6	24	26	55		
West Virginia	198	2.6	328	4.0	491*	5.6	54	41	117		
Kanawha	16	2.1	45	5.1	63*	6.5	139	29	208	84	85
Pleasants	1	3.3	1	3.0	1	2.6	-7	-15	-22	18	24
Putnam	-	-	3	2.8	8	6.6	-	139	-	-	85
Tyler	1	2.5	-	-	3	4.8	-	-	93	62	62
Wetzel	-	-	2	1.9	7	6.6	-	256	-	-	85
<u>WHITE FEMALE</u>											
United States	30443	4.2	36360	3.9	44579	3.8	-8	-2	-10		
West Virginia	363*	4.7	381	4.1	529*	4.6	-14	14	-1		
Kanawha	47	5.8	42	3.9	55	4.1	-34	7	-29	32	63
Pleasants	-	-	1	2.8	3	7.0	-	148	-	-	92
Putnam	6	7.4	2	1.9	8	5.1	-74	170	-31	30	78
Tyler	1	1.4	1	1.3	-	-	-8	-	-	-	-
Wetzel	3	3.0	5	4.4	9	6.9	48	58	133	90	92

UCC 100127

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LIVER AND GALLBLADDER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	1940	3.0	4026	5.1	6962	6.9	69	35	129		
West Virginia	19	3.7	13	3.5	20	4.7	-5	33	26		
Kanawha	2	2.7	-	-	7	9.1			237	79	87
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	1*	112.4	-	-	-	-	99
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	1569	2.4	2699	3.1	4581	3.7	27	20	52		
West Virginia	24*	6.0	14	2.9	25	4.7	-51	61	-21		
Kanawha	2	2.5	1	1.3	3	2.8	-48	120	14	53	77
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100128

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE RECTUM

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	56746	9.0	55437	7.5	48913	5.8	-17	-23	-36		
West Virginia	407	5.4	476	5.9	492	5.6	9	-4	4		
Kanawha	44	5.2	44	5.2	61	6.0	-1	16	15	73	71
Pleasants	2	5.7	2	6.2	3	8.4	10	36	49	84	90
Putnam	2	2.2	3	2.9	9	6.8	34	135	214	97	80
Tyler	1	1.4	3	5.3	4	7.4	279	41	435	99	85
Wetzel	5	5.0	9	9.0	2	1.8	82	-80	-63	10	20
<u>WHITE FEMALE</u>											
United States	42704	6.0	42476	4.6	39607	3.4	-23	-27	-44		
West Virginia	338	4.4	387	4.2	379	3.4	-6	-19	-24		
Kanawha	41	5.2	39	3.6	36	2.7	-30	-26	-48	36	52
Pleasants	1	2.8	5*	12.2	-	-	340	-	-	-	-
Putnam	1	1.2	5	4.6	5	3.2	294	-30	177	97	64
Tyler	6	9.3	3	3.5	4	5.4	-62	55	-41	46	92
Wetzel	6	6.5	6	5.1	3	2.7	-22	-48	-59	23	52

UCC 100129

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE RECTUM

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	3637	6.1	4320	5.8	4742	5.0	-5	-15	-19		
West Virginia	27	5.7	24	5.3	22	5.7	-7	7	0		
Kanawha	3	4.1	6	9.3	6	9.6	130	3	137	89	91
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	3334	5.1	3733	4.3	3892	3.2	-16	-27	-38		
West Virginia	20	5.2	27	5.8	13	2.7	10	-53	-48		
Kanawha	4	5.2	2	2.4	1	1.4	-53	-44	-74	10	76
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100130

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LARGE INTESTINE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	107014	17.1	134848	18.3	169905	20.0	7	10	17		
West Virginia	870	11.6	1095	13.6	1438	16.5	17	22	42		
Kanawha	85	11.5	128	15.1	184	19.0	32	25	65	71	65
Pleasants	4	12.8	4	12.4	9	24.3	-4	96	89	79	90
Putnam	4	4.9	16	15.8	22	16.6	221	5	237	95	49
Tyler	5	7.6	13	21.7	10	16.4	186	-24	116	85	48
Wetzel	11	10.8	23	22.4	16	14.9	108	-34	38	56	37
<u>WHITE FEMALE</u>											
United States	128567	18.0	159080	17.1	194585	16.4	-5	-4	-9		
West Virginia	1175	15.6	1366	14.6	1663	14.5	-6	-1	-7		
Kanawha	126	16.1	144	13.4	214	15.8	-17	18	-2	49	58
Pleasants	7	22.4	7	18.1	3	6.2	-19	-66	-72	01	05
Putnam	5	5.7	9	8.3	27	17.1	46	106	200	96	67
Tyler	14	21.4	10	12.2	10	13.7	-43	12	-36	14	40
Wetzel	20	20.9	19	16.8	16	11.4	-19	-32	-46	08	23

UCC100131

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LARGE INTESTINE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	6332	10.8	10393	14.0	15673	16.2	30	16	51		
West Virginia	46	9.0	72	15.9	55	13.0	77	-18	44		
Kanawha	9	13.7	15	20.3	7	10.0	48	-51	-27	21	66
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1*	344.1	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	7622	12.0	12138	14.1	18620	14.9	18	6	24		
West Virginia	43	10.2	57	12.1	84	16.4	18	35	60		
Kanawha	6	7.7	10	12.1	28*	29.9	56	147	286	93	92
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	1*	267.9	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100132

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	57690	8.5	73022	9.5	77359	9.1	12	-5	7		
West Virginia	643	7.7	743	9.0	725	8.4	17	-7	9		
Kanawha	91	10.0	107	11.3	88	9.1	13	-19	-8	32	52
Pleasants	1	2.7	2	5.4	2	6.1	99	13	125	88	19
Putnam	4	3.4	10	8.8	12	9.2	160	4	172	92	53
Tyler	5	7.6	6	9.5	2	3.5	24	-63	-54	06	06
Wetzel	8	7.4	5	4.8	12	11.2	-36	133	50	72	75
<u>WHITE FEMALE</u>											
United States	42273	5.7	53660	5.9	59453	5.4	4	-9	-6		
West Virginia	457	5.4	506	5.5	549	5.2	3	-6	-4		
Kanawha	49	5.0	65	5.8	68	5.3	16	-8	6	57	52
Pleasants	2	6.1	-	-	2	5.3	-	-	-13	41	51
Putnam	3	3.1	6	5.0	5	3.3	60	-34	5	56	19
Tyler	3	4.4	3	4.6	5	5.8	6	25	32	70	61
Wetzel	3	3.1	7	6.3	9	6.6	102	6	113	88	74

UCC 100133

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	3772	5.1	5504	6.3	7039	6.4	23	2	25		
West Virginia	23	4.5	38	8.5	22	5.7	90	-33	27		
Kanawha	3	4.2	5	6.3	3	4.3	51	-32	3	41	70
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	2785	3.4	4153	4.1	5462	4.0	21	-3	17		
West Virginia	15	2.8	20	4.3	17	3.7	53	-15	30		
Kanawha	3	3.6	2	2.7	5	6.6	-24	144	85	76	89
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100134

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

CANCER OF THE STOMACH

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	125640	20.2	96672	13.2	75604	9.0	-35	-32	-56		
West Virginia	1317	17.8	1081	13.4	701	8.1	-25	-39	-55		
Kanawha	123	17.5	115	13.2	65	6.6	-25	-50	-63	36	39
Pleasants	5	13.3	7	20.6	1	2.8	55	-86	-79	10	8
Putnam	9	10.3	14	12.7	12	8.5	23	-33	-17	90	62
Tyler	13	18.3	5	8.8	4	6.5	-52	-27	-65	32	38
Wetzel	18	17.6	12	12.0	8	7.5	-32	-37	-57	48	50
<u>WHITE FEMALE</u>											
United States	75224	10.7	61985	6.7	51456	4.3	-38	-35	-60		
West Virginia	733	9.9	610	6.6	470	4.2	-34	-37	-58		
Kanawha	76	10.2	63	6.0	57	4.2	-41	-31	-59	51	63
Pleasants	1	3.0	3	7.5	2	4.0	155	-47	35	96	59
Putnam	4	4.4	9	8.3	7	4.9	86	-40	11	94	74
Tyler	7	9.7	5	5.4	4	5.4	-44	0	-44	74	80
Wetzel	11	11.6	8	6.9	4	3.0	-40	-57	-75	22	36

UCC 100135

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

CANCER OF THE STOMACH

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	16598	28.0	17045	23.1	15112	15.8	-17	-32	-44		
West Virginia	131	29.2	106	24.1	84*	20.1	-17	-17	-31		
Kanawha	22	37.6	17	24.0	14	21.4	-36	-11	-43	47	87
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	8176	13.2	8503	10.0	8577	6.9	-24	-31	-48		
West Virginia	55	14.8	40	8.9	33	6.2	-40	-30	-58		
Kanawha	12	17.7	8	9.8	6	6.3	-45	-35	-64	29	77
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100136

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE ESOPHAGUS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	28381	4.4	32417	4.3	37897	4.4	-3	2	-1		
West Virginia	184	2.4	246	3.0	364	4.1	25	37	71		
Kanawha	27	3.2	38	4.2	64*	6.2	33	48	96	76	89
Pleasants	1	2.4	1	3.1	1	2.6	28	-16	7	43	36
Putnam	1	1.2	2	1.7	4	3.0	36	77	140	83	42
Tyler	1	2.0	-	-	3	5.1	-	-	151	84	77
Wetzel	3	3.2	1	1.0	4	3.9	-70	309	23	52	59
<u>WHITE FEMALE</u>											
United States	8004	1.1	10223	1.1	14031	1.2	-2	10	7		
West Virginia	67	.9	93	1.0	121	1.0	15	2	18		
Kanawha	7	.9	14	1.4	22	1.6	49	17	75	84	81
Pleasants	-	-	-	-	1	1.9	-	-	-	-	87
Putnam	1	1.2	1	1.1	1	.6	-9	-50	-55	17	43
Tyler	-	-	-	-	1	1.0	-	-	-	-	59
Wetzel	1	.9	1	.8	1	.6	-14	-25	-35	33	45

UCC 100137

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE ESOPHAGUS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	5142	8.0	8716	10.9	12642	12.3	36	12	53		
West Virginia	19	3.9	35	7.8	45	12.8	98	65	227		
Kanawha	2	2.7	5	7.6	5	7.7	177	1	181	80	73
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	1262	1.8	2284	2.5	3869	3.0	35	23	65		
West Virginia	4	.8	7	1.6	14	3.1	101	96	293		
Kanawha	-	-	4	5.1	3	3.5	-	-31	-	-	88
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100138

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE NASOPHARYNX

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	2500	.4	3263	.4	3587	.4	15	-2	13		
West Virginia	25	.3	25	.3	32	.4	-4	22	16		
Kanawha	4	.4	2	.2	9*	.9	-58	402	108	86	86
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	1	.9	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	827	.1	1161	.1	1641	.2	16	19	39		
West Virginia	6	.1	10	.1	18	.2	55	52	136		
Kanawha	-	-	3	.3	2	.2	-	-42	-	-	82
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100139

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF TONGUE AND NASOPHARYNX

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	358	.5	549	.6	724	.6	30	2	33		
West Virginia	-	-	1	.2	1	.3	-	29	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	88	.1	169	.2	275	.2	56	17	83		
West Virginia	-	-	-	-	1	.2	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100140

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE SALIVARY GLAND

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	2967	.5	3483	.5	3447	.4	0	-14	-14		
West Virginia	20	.3	28	.3	26	.3	28	-13	11		
Kanawha	3	.4	4	.4	2	.2	4	-50	-48	23	62
Pleasants	-	-	1*	2.8	1*	3.4	-	23	-	-	98
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1	2.4	1	.9	1	.8	-	-7	-	-	82
<u>WHITE FEMALE</u>											
United States	1780	.2	2166	.2	2272	.2	-5	-17	-21		
West Virginia	20	.3	17	.2	27	.2	-35	29	-15		
Kanawha	-	-	2	.2	4	.3	-	73	-	-	81
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	1*	2.0	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100141

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LIVER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	198	.3	294	.4	309	.3	20	-17	0		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	135	.2	178	.2	197	.2	1	-22	-21		
West Virginia	1	.2	2	.4	1	.2	99	-58	-17		
Kanawha	1*	1.3	-	-	1*	1.0	-	-	-25	64	98
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100142

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE ORAL CAVITY INCLUDING TONGUE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	30701	4.8	36622	4.8	40461	4.6	0	-3	-3		
West Virginia	241	3.2	285	3.4	299	3.4	9	-1	8		
Kanawha	41	5.8	38	4.3	41	4.1	-26	-5	-29	25	61
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	2	2.1	1	.9	4	2.9	-57	223	38	65	42
Tyler	-	-	1	2.0	-	-	-	-	-	-	-
Wetzel	3	2.8	4	4.1	5	4.6	45	12	62	73	69
<u>WHITE FEMALE</u>											
United States	7739	1.1	11429	1.2	16928	1.5	15	21	39		
West Virginia	96	1.3	130	1.4	131	1.2	12	-17	-7		
Kanawha	5	.5	13	1.2	22	1.6	133	37	220	95	71
Pleasants	2*	6.1	-	-	1	2.3	-	-	-62	12	86
Putnam	-	-	1	1.0	1	.7	-	26	-	-	39
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1	.9	1	.9	5*	4.0	-7	358	325	97	96

UCC100143

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE ORAL CAVITY INCLUDING TONGUE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	2623	4.1	4372	5.4	6787	6.5	30	20	56		
West Virginia	.19	3.6	16	4.1	29	8.4	14	105	133		
Kanawha	6	8.2	6	10.0	4	5.8	22	-42	-29	21	81
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	863	1.3	1340	1.4	2143	1.7	12	16	30		
West Virginia	11*	2.6	5	1.1	9	2.2	-57	100	-14		
Kanawha	4*	6.2	1	4.3	3	3.9	-	-	-37	26	94
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100144

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LIP

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	3126	.5	1624	.2	1429	.2	-57	-26	-68		
West Virginia	32	.4	19	.2	10	.1	-46	-53	-74		
Kanawha	1	1.8	-	-	-	-	14	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	1	2.0	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	328	.0	198	.0	200	.0	-58	-25	-69		
West Virginia	4	.1	-	-	5*	.0	-	-	-41		
Kanawha	-	-	-	-	2*	.1	-	-	-	-	96
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100145

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change</u> <u>70s/50s</u>	<u>Rates</u> <u>1970s</u>
<u>NON-WHITE MALE</u>											
United States	46	.1	34	.1	26	.0	-40	-42	-65		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	32	.1	24	.0	22	.0	-45	-38	-66		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100146

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
 U.S. Environmental Protection Agency
 National Cancer Institute

CANCER OF THE KIDNEY AND URETER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	24970	3.7	32809	4.2	40161	4.6	15	10	26		
West Virginia	215	2.7	305	3.7	375	4.2	37	15	58		
Kanawha	19	2.5	45	4.8	56	5.6	90	17	123	77	74
Pleasants	-	-	1	3.0	2	5.2	-	71	-	-	67
Putnam	4	4.2	4	3.5	7	4.8	-15	34	13	40	60
Tyler	1	1.5	2	3.4	2	3.1	121	-9	102	74	30
Wetzel	3	2.9	3	3.2	7	6.7	12	105	129	79	84
<u>WHITE FEMALE</u>											
United States	14979	2.0	19232	2.1	23861	2.1	2	1	3		
West Virginia	177	2.2	172	1.9	219	2.0	-15	7	-9		
Kanawha	27*	2.8	25	2.3	27	2.0	-18	-12	-28	32	54
Pleasants	1	3.2	-	-	-	-	-	-	-	-	-
Putnam	-	-	3	2.2	1	.7	-	-67	-	-	21
Tyler	1	1.5	1	1.0	1	1.9	-33	93	28	65	51
Wetzel	3	2.7	4	3.3	2	1.3	24	-62	-52	15	31

UCC 100147

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE KIDNEY AND URETER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	1566	2.2	2481	3.0	3308	3.2	35	7	44		
West Virginia	15	2.9	13	2.9	13	3.5	2	19	21		
Kanawha	5*	8.0	3	3.9	3	4.1	-51	5	-48	15	86
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	976	1.3	1432	1.5	1947	1.5	16	-1	15		
West Virginia	4	.8	13*	2.7	11	2.2	228	-19	164		
Kanawha	1	1.1	3	3.7	2	2.3	231	-39	102	86	87
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100148

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BLADDER AND OTHER URINARY ORGANS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	45258	7.4	53013	7.3	61173	7.3	-1	0	-1		
West Virginia	348	4.7	452	5.6	575	6.6	18	18	39		
Kanawha	35	5.0	66	7.8	60	6.4	57	-18	29	60	55
Pleasants	1	2.7	3	8.8	2	5.0	230	-43	88	78	37
Putnam	6	7.1	3	3.0	9	6.5	-58	119	-8	35	57
Tyler	2	2.5	5	9.9	5	8.1	296	-19	222	92	76
Wetzel	3	2.9	7	6.8	4	3.7	137	-46	29	60	23
<u>WHITE FEMALE</u>											
United States	20269	2.9	22834	2.4	26206	2.1	-16	-13	-27		
West Virginia	180	2.4	196	2.1	233	2.0	-13	-5	-18		
Kanawha	27	3.6	18	1.7	36	2.7	-52	54	-25	50	79
Pleasants	-	-	3*	6.3	2	4.1	-	-35	-	-	94
Putnam	1	1.2	2	1.7	1	.6	40	-67	-54	22	22
Tyler	-	-	2	2.5	1	1.1	-	-56	-	-	33
Wetzel	1	1.0	1	1.1	4	2.6	12	131	159	95	76

UCC 100149

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BLADDER OTHER URINARY ORGANS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	2913	4.9	4083	5.5	4932	5.3	12	-5	7		
West Virginia	26	6.0	17	3.7	22	5.4	-39	47	-10		
Kanawha	2	2.6	1	1.2	5	7.6	-52	513	195	91	86
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	1991	3.1	2740	3.2	3287	2.7	3	-17	-14		
West Virginia	19	4.1	24*	5.0	10	1.8	22	-64	-56		
Kanawha	3	3.7	2	2.8	1	1.2	-25	-58	-68	11	77
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100150

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE TESTIS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	6324	.9	6599	.8	6811	.7	-5	-10	-15		
West Virginia	86	1.0	68	.8	72	.8	-12	-1	-13		
Kanawha	9	.8	13	1.2	3	.3	59	-77	-63	10	49
Pleasants	-	-	1	3.0	-	-	-	-	-	-	-
Putnam	-	-	-	-	1	.7	-	-	-	-	61
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100151

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE TESTIS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	229	.3	269	.3	304	.2	-4	-21	-24		
West Virginia	3	.9	-	-	-	-	-	-	-		
Kanawha	1*	3.0	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100152

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE PROSTATE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	116636	20.7	136007	19.7	165345	20.3	-5	3	-2		
West Virginia	1305	19.0	1440	18.5	1594	18.8	-3	1	-1		
Kanawha	91	14.9	135	17.7	175	20.4	19	16	37	79	52
Pleasants	4	10.3	5	14.3	10	28.8	39	101	180	97	91
Putnam	17	20.8	18	17.5	20	15.7	-16	-10	-24	21	20
Tyler	8	11.3	17	25.5	5	8.3	126	-68	-27	19	03
Wetzel	17	16.5	23	22.8	27	23.3	38	2	41	81	74
<u>WHITE FEMALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100153

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF PROSTATE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	14007	26.5	21409	31.9	30620	34.3	21	8	30		
West Virginia	105	24.1	135	30.1	156	35.3	25	17	46		
Kanawha	15	31.0	21	32.4	32	44.5	5	37	44	55	82
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100154

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE OVARY, FALLOPIAN TUBE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	64190	8.6	81711	8.9	95988	8.8	4	-1	3		
West Virginia	496	6.1	651	7.1	795	7.5	17	5	23		
Kanawha	69	6.9	71	6.2	112	8.5	-10	36	23	58	58
Pleasants	3	8.8	-	-	8*	19.1	-	-	118	86	98
Putnam	2	1.9	9	7.7	12	7.7	316	-1	313	96	47
Tyler	3	5.1	4	5.3	3	4.5	3	-15	-12	31	15
Wetzel	7	7.0	4	3.8	8	6.8	-46	79	-3	39	36

UCC 100155

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE OVARY, FALLOPIAN TUBE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change</u> <u>70s/50s</u>	<u>Rates</u> <u>1970s</u>
<u>NON-WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	4305	5.9	6402	6.9	7981	6.3	16	-9	6		
West Virginia	33	6.9	15	3.2	38	7.7	-54	143	13		
Kanawha	5	6.2	1	1.2	11*	12.7	-81	970	106	82	91
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100156

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE CERVIX UTERI

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	15927	21.2	16385	17.3	13117	10.2	-19	-41	-52		
West Virginia	86	17.8	89	19.7	54	11.7	11	-41	-34		
Kanawha	11	14.8	13	16.1	6	6.5	9	-60	-56	33	64
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100157

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE CERVIX UTERI

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	68785	9.1	62479	6.9	44693	4.2	-24	-39	-54		
West Virginia	1063*	12.4	1017*	11.0	698*	6.8	-12	-38	-45		
Kanawha	144*	13.9	123*	10.6	86*	6.6	-24	-38	-53	44	81
Pleasants	5	14.9	3	7.6	1	2.1	-49	-72	-86	02	18
Putnam	8	8.9	17*	14.4	7	4.5	60	-68	-49	49	56
Tyler	6	9.9	3	4.3	4	6.5	-57	52	-34	66	81
Wetzel	16*	16.8	10	9.8	9	7.6	-42	-23	-55	40	87

UCC 100158

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE CHORION AND UTERUS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	56734	7.8	49709	5.4	48922	4.3	-31	-21	-46		
West Virginia	679*	8.6	469	5.1	454	4.1	-41	-20	-53		
Kanawha	67	7.6	38	3.5	47	3.5	-55	1	-54	39	42
Pleasants	2	6.7	3	7.4	1	1.5	9	-79	-77	10	14
Putnam	8	9.7	1	.6	4	2.9	-94	363	-70	18	31
Tyler	6	9.0	1	2.3	1	1.0	-75	-57	-89	01	10
Wetzel	14*	13.7	9	8.3	8	6.1	-39	-27	-56	37	83

UCC 100159

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE OVARIUM AND UTERUS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	9981	15.0	8237	9.4	8015	6.5	-37	-31	-57		
West Virginia	59	13.8	53	11.4	34	6.6	-17	-42	-52		
Kanawha	13	21.3	18*	22.7	8	8.6	7	-62	-60	39	83
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100160

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BREAST

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	2026	.3	2104	.3	2414	.3	-12	2	-11		
West Virginia	21	.3	17	.2	15	.2	-24	-13	-33		
Kanawha	1*	1.5	-	-	-	-	-53	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	1	1.1	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	194660	26.3	241927	26.4	294242	27.0	0	2	3		
West Virginia	1565	19.7	1870	20.2	2360	22.2	2	10	13		
Kanawha	173	19.3	245	21.1	293	22.3	9	6	16	58	46
Pleasants	6	25.1	9	24.0	9	22.5	-4	-6	-10	26	47
Putnam	13	14.1	17	14.3	29	18.2	2	27	29	69	23
Tyler	12	18.1	9	15.2	16	22.4	-16	47	24	65	46
Wetzel	17	16.8	14	12.9	32	26.1	-23	102	55	83	69

UCC 100161

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BREAST

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	244	.4	274	.4	368	.4	-10	3	-7		
West Virginia	1	.2	-	-	2	.5	-	155	-		
Kanawha	-	-	-	-	1	1.7	-	-	-	-	97
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	15164	21.3	21651	23.2	29169	22.5	9	-3	6		
West Virginia	111	25.5	97	21.9	112	25.3	-14	16	0		
Kanawha	16	25.1	20	25.6	21	24.4	2	-5	-3	44	78
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100162

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

NONMELANOMA SKIN CANCER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	11251	2.0	10477	1.5	8270	1.0	-25	-33	-50		
West Virginia	135	2.0	131	1.7	107*	1.2	-16	-27	-39		
Kanawha	12	2.0	13	1.6	10	1.1	-19	-31	-44	50	60
Pleasants	-	-	2*	5.2	1	2.8	-	-48	-	-	88
Putnam	1	1.1	2	2.0	2	1.3	83	-34	24	85	67
Tyler	3	5.0	4*	6.5	-	-	29	-	-	-	-
Wetzel	1	1.0	3	3.2	3	2.7	216	-13	175	98	87
<u>WHITE FEMALE</u>											
United States	6971	1.1	5962	.6	5421	.4	-38	-32	-58		
West Virginia	93*	1.4	67	.7	48	.4	-48	-45	-71		
Kanawha	8	1.2	7	.7	4	.3	-40	-56	-74	23	54
Pleasants	-	-	1	2.6	1*	1.6	-	-37	-	-	92
Putnam	1	2.7	2	2.1	-	-	-21	-	-	-	-
Tyler	1	1.4	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100163

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

NONMELANOMA SKIN CANCER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	574	.9	656	.8	518	.5	-8	-40	-45		
West Virginia	.4	.9	2	.4	4	1.3	-56	206	35		
Kanawha	2*	4.1	-	-	1	1.5	-	-	-63	18	95
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	466	.7	526	.6	440	.4	-13	-41	-49		
West Virginia	4	1.2	3	.7	3	.7	-42	2	-41		
Kanawha	-	-	1	1.2	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100164

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

MALIGNANT MELANOMA OF SKIN

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	9088	1.3	14337	1.8	21549	2.4	40	35	88		
West Virginia	100	1.2	130	1.6	176	2.0	34	28	72		
Kanawha	16	1.7	16	1.6	20	1.8	-9	16	5	28	43
Pleasants	-	-	1	2.9	3*	7.3	-	154	-	-	97
Putnam	2	1.8	-	-	4	2.8	-	-	55	48	66
Tyler	1	2.2	2	4.2	4*	7.5	96	77	246	88	97
Wetzel	4*	3.8	2	1.9	2	1.9	-50	-4	-52	06	43
<u>WHITE FEMALE</u>											
United States	7566	1.0	11297	1.2	16079	1.5	25	21	51		
West Virginia	78	.9	106	1.2	159	1.5	27	32	68		
Kanawha	13	1.2	15	1.3	19	1.5	8	11	19	50	56
Pleasants	-	-	2*	5.9	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	1	1.2	1	1.1	-	-8	-	-	42
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100165

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

MALIGNANT MELANOMA OF SKIN

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	198	.3	359	.5	478	.5	44	4	49		
West Virginia	1	.2	1	.2	2	.5	41	113	201		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	184	.3	302	.3	396	.3	23	-6	15		
West Virginia	1	.3	3	.7	1	.2	120	-73	-40		
Kanawha	-	-	1	1.5	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100166

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CONNECTIVE AND SOFT TISSUE CANCER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	4099	.6	7973	1.0	9312	1.1	68	8	81		
West Virginia	52	.6	88	1.0	97	1.1	70	8	84		
Kanawha	7	.7	12	1.2	17	1.8	69	46	147	78	82
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	1	.7	1	1.0	1	.8	31	-19	6	33	51
Tyler	-	-	1	1.9	1	1.6	-	-17	-	-	79
Wetzel	1	1.0	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	3258	.4	6507	.7	8552	.8	68	13	91		
West Virginia	25	.3	52	.6	71	.7	95	26	146		
Kanawha	2	.1	7	.6	8	.6	342	6	367	95	55
Pleasants	-	-	-	-	1	2.4	-	-	-	-	92
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1	1.1	-	-	3*	2.2	-	-	111	72	91

UCC 100167

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CONNECTIVE AND SOFT TISSUE CANCER

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	358	.5	859	.9	1129	.9	83	3	88		
West Virginia	1	.2	3	.8	3	.7	337	-11	288		
Kanawha	1	1.4	-	-	2*	2.4	-	-	65	63	94
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	307	.4	777	.7	1210	.9	99	18	135		
West Virginia	2	.4	2	.5	3	.8	12	58	77		
Kanawha	-	-	-	-	1	1.4	-	-	-	-	91
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100168

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BOW INCLUDING JAW

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	10961	1.7	9416	1.2	8798	1.0	-28	-18	-41		
West Virginia	146	1.9	134*	1.6	119*	1.4	-12	-15	-26		
Kanawha	14	1.8	16	1.7	18*	1.7	-4	1	-4	70	80
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	2	2.3	5*	4.6	2	1.4	99	-70	-41	42	71
Tyler	3*	4.2	1	2.0	1	1.6	-52	-21	-62	21	77
Wetzel	3	2.9	-	-	3*	2.8	-	-	-5	68	91
<u>WHITE FEMALE</u>											
United States	134*	1.5	142*	1.2	111	.7	-18	-38	-49		
West Virginia	97	1.2	86	.9	73	.7	-23	-28	-45		
Kanawha	6	.8	10	.8	10	.8	8	-2	6	80	74
Pleasants	1	3.1	-	-	1	2.9	-	-	-8	74	96
Putnam	-	-	-	-	2	1.4	-	-	-	-	87
Tyler	-	-	1	1.2	2*	2.8	-	126	-	-	96
Wetzel	-	-	2	1.9	3*	2.3	-	23	-	-	94

UCC 100169

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BOWEL INCLUDING JAW

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	953	1.4	1015	1.2	1111	1.0	-17	-18	-32		
West Virginia	-9	2.1	5	1.0	4	.9	-53	-14	-60		
Kanawha	1	1.4	1	1.2	1	1.3	-9	2	-7	63	90
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	783	1.1	738	.8	812	.6	-31	-22	-46		
West Virginia	4	1.3	2	.4	3	.6	-67	41	-53		
Kanawha	1	1.2	-	-	1	1.0	-	-	-15	65	92
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100170

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE TRACHEA, BRONCHUS & LUNG INCLUDING PLUERA, & OTHER RESPIRATORY SITES

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	204225	29.6	366806	46.8	560907	64.0	58	37	116		
West Virginia	2004	25.1	3926	46.7	6220*	69.7	86	49	178		
Kanawha	274	31.2	560*	58.8	791*	76.5	89	30	145	37	84
Pleasants	5	15.3	10	29.0	19	55.7	90	92	265	75	37
Putnam	25	27.3	38	33.8	89	63.4	24	87	132	31	57
Tyler	16	27.4	20	35.8	34	61.0	31	70	122	27	51
Wetzel	16	16.5	29	28.8	67	62.9	75	118	281	78	56
<u>WHITE FEMALE</u>											
United States	37789	5.1	70587	7.6	168663	15.3	48	102	199		
West Virginia	398	5.0	739	7.9	1784*	16.5	56	110	228		
Kanawha	46	5.5	105	9.2	281*	21.1	65	130	280	74	94
Pleasants	3	3.7	4	10.6	5	12.3	37	16	59	20	52
Putnam	8	9.3	6	5.1	30	19.3	-46	280	107	33	91
Tyler	4	6.1	4	6.0	8	10.8	-1	80	79	25	41
Wetzel	7	7.4	11	10.1	26	22.0	36	117	196	56	96

UCC 100171

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE TRACHEA, BRONCHUS & LUNG INCLUDING PLUERA, & OTHER RESPIRATORY SITES

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	15969	24.1	37972	47.4	69963	68.6	97	45	185		
West Virginia	172*	33.8	263*	58.0	272	69.3	72	19	105		
Kanawha	33*	45.5	53*	73.5	47	69.4	62	-6	53	19	73
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	1*	490.8	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	3220	4.7	6947	7.5	17441	13.5	60	80	188		
West Virginia	20	4.3	47	10.2	95*	20.9	136	105	383		
Kanawha	5	6.1	12*	14.2	24*	29.2	134	106	380	88	92
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100172

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LARYNX

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	17068	2.6	20885	2.7	23822	2.7	5	1	5		
West Virginia	161	2.1	177	2.1	262	2.9	2	40	43		
Kanawha	15	1.7	21	2.3	25	2.4	36	6	43	62	56
Pleasants	1	3.5	-	-	-	-	-	-	-	-	-
Putnam	1	1.2	1	.8	5	3.6	-32	340	198	90	80
Tyler	2	3.0	-	-	3	4.7	-	-	56	66	90
Wetzel	3	3.6	1	1.1	1	1.0	-70	-7	-72	03	27
<u>WHITE FEMALE</u>											
United States	1732	.2	2411	.3	4009	.4	10	39	53		
West Virginia	23	.3	34*	.4	35	.3	16	-12	2		
Kanawha	2	.3	6	.5	3	.2	65	-55	-26	30	69
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1*	.9	2*	1.8	-	-	86	-	-	-	-

UCC 100173

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE LARYNX

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	1411	2.2	2474	3.1	3813	3.7	40	20	68		
West Virginia	14	2.7	10	2.2	20	5.1	-19	131	87		
Kanawha	1	1.3	3	4.0	5	6.6	213	67	424	97	92
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	215	.3	388	.4	623	.5	32	17	54		
West Virginia	-	-	3	.7	4	.8	-	5	-		
Kanawha	-	-	-	-	1	1.0	-	-	-	-	95
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100174

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE NOSE, NASAL CAVITIES, MIDDLE EAR

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	3231	.5	3072	.4	3012	.4	-21	-14	-32		
West Virginia	-28	.4	38	.5	27	.3	27	-34	-16		
Kanawha	2	.2	4	.4	1	.1	54	-74	-59	19	62
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	1*	2.0	-	-	-	-	-	-	-
Wetzel	-	-	1	.9	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	2082	.3	1974	.2	2019	.2	-28	-19	-42		
West Virginia	20	.3	17	.2	17	.1	-32	-20	-45	-	-
Kanawha	1	.1	3	.2	1	.1	112	-68	-32	61	73
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100175

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE NOSE, NA CAVITIES, MIDDLE EAR

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	427	.7	455	.6	480	.5	-15	-18	-30		
West Virginia	1	.2	2	.4	2	.5	162	37	259		
Kanawha	-	-	-1	-1.3	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	155	.2	244	.3	233	.2	22	-33	-19		
West Virginia	1	.2			2	.5			82		
Kanawha	-	-	-	-	1*	.9	-	-	-	-	97
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

HODGKIN'S DISEASE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	16656	2.3	18631	2.3	14440	1.6	0	-31	-31		
West Virginia	174	2.1	171	2.1	129	1.5	0	-28	-27		
Kanawha	21	2.0	14	1.4	19	1.8	-34	32	-12	59	64
Pleasants	1	3.2	-	-	-	-	-	-	-	-	-
Putnam	2	2.7	1	.7	3	2.1	-73	189	-22	52	73
Tyler	-	-	1	2.0	-	-	-	-	-	-	-
Wetzel	1	1.1	1	1.4	1	.9	26	-36	-19	54	37
<u>WHITE FEMALE</u>											
United States	10121	1.3	12228	1.4	10321	1.0	2	-29	-27		
West Virginia	104	1.2	97	1.1	74	.7	-15	-31	-42		
Kanawha	12	1.3	8	.7	11	.9	-45	-27	-30	46	61
Pleasants	1	2.8	-	-	2*	5.4	-	-	91	90	98
Putnam	-	-	1	.8	2	1.2	-	49	-	-	72
Tyler	-	-	-	-	1	2.3	-	-	-	-	91
Wetzel	3	3.0	-	-	1	1.0	-	-	-67	11	65

UCC 100177

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

HODGKIN DISEASE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	1216	1.6	1531	1.7	1320	1.1	5	-33	-29		
West Virginia	9	1.7	5	1.1	7	2.2	-39	110	29		
Kanawha	2	2.3	-	-	3*	5.4	-	-	135	91	96
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	642	.8	783	.8	718	.5	-2	-34	-35		
West Virginia	5	1.0	1	.2	2	.4	-80	86	-63		
Kanawha	1	1.2	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100178

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

LYMPHOSARCOMA & RETICULUM CELL

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	30115	4.4	43363	5.6	52358	6.0	27	8	38		
West Virginia	304	3.7	431	5.2	470	5.3	39	3	43		
Kanawha	53	6.1	43	4.3	72	7.0	-29	62	15	35	74
Pleasants	-	-	2	6.2	2	5.7	-	-9	-	-	53
Putnam	2	2.2	7	6.4	8	5.5	193	-15	150	80	49
Tyler	1	1.3	4	6.6	4	6.1	417	-7	378	95	60
Wetzel	3	2.7	6	5.8	5	4.7	112	-20	-71	62	37
<u>WHITE FEMALE</u>											
United States	21357	2.9	34311	3.7	46566	4.1	30	10	43		
West Virginia	190	2.4	292	3.1	345	3.2	34	1	35		
Kanawha	30	3.4	32	2.9	49	3.7	-16	29	8	30	50
Pleasants	1	3.3	-	-	2	3.9	-	-	17	35	53
Putnam	3	4.3	2	1.7	6	3.5	-61	113	-18	18	46
Tyler	1	1.2	1	1.0	1	.9	-17	-9	-24	15	11
Wetzel	3	2.9	4	3.3	-	-	15	-	-	-	-

UCC 100179

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

LYMPHOSARCOMA RETICULUM CELL

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	2066	2.9	3167	3.8	4007	3.8	30	0	30		
West Virginia	22	4.3	19	4.2	7	2.1	-3	-50	-51		
Kanawha	5*	6.6	3	4.5	1	2.2	-32	-50	-66	07	75
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	1226	1.6	2027	2.1	2930	2.2	29	6	38		
West Virginia	3	.6	8	1.7	8	1.5	185	-14	145		
Kanawha	1	1.3	3	3.3	3	2.8	154	-15	115	81	86
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100180

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE THYMUS & OTHER ENDOCRINE GLANDS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	2296	.3	2471	.3	2228	.3	-3	-18	-21		
West Virginia	19	.2	26	.3	28	.3	42	2	45		
Kanawha	2	.2	2	.2	2	.2	0	-5	-5	64	73
Pleasants	-	-	1*	3.5	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	1*	1.8	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	1492	.2	1698	.2	1999	.2	-3	4	1		
West Virginia	14	.1	23	.2	20	.2	67	-18	38		
Kanawha	3	.2	6*	.5	3	.2	153	-54	17	68	80
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	1*	.9	-	-	-	-	-	-	-

UCC 100181

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute.

CANCER OF THE THYMUS AND OTHER ENDOCRINE GLANDS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	175	.2	207	.2	261	.2	0	-3	-3		
West Virginia	1	.2	2	.4	1	.2	143	-38	51		
Kanawha	-	-	1*	1.3	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	122	.1	152	.1	165	.1	-3	-11	-13		
West Virginia	-	-	-	-	-	-	-	-	-		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100182

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE THYROID GLAND

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	3219	.5	3217	.4	3131	.4	-14	-14	-25		
West Virginia	25	.3	25	.3	41	.5	-6	54	44		
Kanawha	2	.2	2	.2	6	.6	-22	280	196	97	81
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	1	1.2	-	-	-	-	-	-	-	-	-
<u>WHITE FEMALE</u>											
United States	5966	.8	6071	.7	6039	.5	-21	-22	-38		
West Virginia	71	.9	51	.6	56	.5	-40	-9	-45		
Kanawha	9	1.2	4	.3	8	.6	-73	95	-48	35	71
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	1	.9	-	-	-	-	-	-	-	-	-
Tyler	1	1.2	-	-	1	1.3	-	-	5	77	90
Wetzel	-	-	-	-	1	.8	-	-	-	-	81

UCC 100183

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE THYROID GLAND

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	228	.4	291	.4	306	.3	5	-18	-14		
West Virginia	1	.2	2	.4	2	.4	126	-4	118		
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	492	.7	619	.7	636	.5	-6	-27	-32		
West Virginia	8*	1.9	4	.9	5	1.1	-52	21	-42		
Kanawha	-	-	1	1.1	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100184

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BRAIN AND OTHER PARTS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	29211	4.0	36253	4.4	43594	4.9	12	10	23		
West Virginia	283	3.2	340	4.0	347	3.9	24	-2	22		
Kanawha	30	2.7	53	5.0	43	4.2	83	-16	53	63	42
Pleasants	7*	21.7	-	-	4	9.8	-	-	-55	06	94
Putnam	5	5.5	3	2.5	7	4.6	-55	85	-17	23	51
Tyler	-	-	1	1.5	3	6.1	-	318	-	-	75
Wetzel	6	6.1	1	1.2	3	2.9	-81	144	-53	07	23
<u>WHITE FEMALE</u>											
United States	19886	2.6	25563	2.9	34189	3.3	10	15	27		
West Virginia	184	2.1	240	2.6	269	2.7	24	4	30		
Kanawha	27	2.6	32	2.7	47	3.8	2	43	45	59	67
Pleasants	-	-	1	2.1	1	2.3	-	5	-	-	31
Putnam	2	1.9	5	4.0	6	3.7	117	-9	98	75	64
Tyler	4*	7.9	1	1.7	4	6.1	-79	261	-24	22	91
Wetzel	4	4.4	-	-	4	3.6	-	-	-17	26	63

UCC 100185

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE BRAIN AND OTHER PARTS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	1633	2.0	2225	2.3	2936	2.5	19	6	26		
West Virginia	8	1.4	11	2.8	10	2.9	97	4	106		
Kanawha	1	1.3	3	3.8	2	3.2	204	-16	157	83	87
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	1110	1.2	1675	1.5	2340	1.6	24	8	33		
West Virginia	7	1.2	6	1.5	4	.9	30	-37	-18		
Kanawha	-	-	-	-	2	2.6	-	-	-	-	90
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100186

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE EYE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	1750	.3	1702	.2	1551	.2	-17	-18	-32		
West Virginia	21	.3	26	.3	14	.2	5	-50	-48		
Kanawha	-	-	2	.2	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	1*	1.0	-	-	-	-	93
<u>WHITE FEMALE</u>											
United States	1591	.2	1698	.2	1542	.1	-15	-26	-37		
West Virginia	19	.2	14	.1	11	.1	40	-27	-56		
Kanawha	5*	.7	2	.2	-	-	-	-	-78	08	81
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	1*	1.2	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100187

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

CANCER OF THE EYE

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-
Kanawha	-	-	-	-	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	99	.1	95	.1	81	.1	-25	-31	-49		
West Virginia	-	-	2*	.5	-	-	-	-	-		
Kanawha	-	-	1*	1.0	-	-	-	-	-	-	-
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100188

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

MULTIPLE MYELOMA

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	10178	1.5	16102	2.1	23611	2.7	42	31	85		
West Virginia	113	1.4	182	2.2	244	2.8	54	27	96		
Kanawha	17	2.1	16	1.6	39	4.0	-24	-151	-91	58	79
Pleasants	-	-	1	3.0	-	-	-	-	-	-	-
Putnam	-	-	-	-	7	5.3	-	-	-	-	90
Tyler			1	1.3	1	1.6	-	24	-	-	-
Wetzel	4*	4.0	4	3.9	3	2.9	-2	-26	-27	13	60
<u>WHITE FEMALE</u>											
United States	7783	1.0	13694	1.5	21596	1.8	42	26	78		
West Virginia	63	.8	101	1.1	194	1.7	39	58	120		
Kanawha	8	.9	12	1.1	22	1.7	23	58	94	63	50
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	1	.9	3	1.8	-	92	-	-	54
Tyler	1	1.4	2	3.3	1	1.6	144	-50	21	35	50
Wetzel	-	-	1	.9	2	1.6	-	83	-	-	49

UCC 100189

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

MULTIPLE MYELOMA

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change</u> <u>70s/50s</u>	<u>Rates</u> <u>1970s</u>
<u>NON-WHITE MALE</u>											
United States	1270	1.9	2585	3.4	4501	4.6	74	38	141		
West Virginia	14	2.9	14	3.0	27	6.8	2	127	133		
Kanawha	1	1.3	2	2.8	8*	11.0	123	287	764	97	93
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	992	1.3	1995	2.2	3952	3.1	70	41	140		
West Virginia	3	.6	13	2.7	17	3.4	330	27	447		
Kanawha	2	2.6	5*	6.0	2	2.0	128	-67	-26	15	76
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100190

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>WHITE MALE</u>											
United States	92361	14.5	102092	13.6	110650	12.8	-7	-5	-12		
West Virginia	1181*	15.8	1408*	17.3	1477*	16.7	9	-3	6		
Kanawha	127	17.5	166*	18.0	210*	20.7	3	15	18	73	93
Pleasants	6	18.1	2	5.9	5	14.4	-67	-144	-21	41	69
Putnam	12	13.6	26*	24.7	19	13.4	81	-45	-1	60	62
Tyler	3	4.7	16*	27.3	8	13.1	488	-52	182	97	60
Wetzel	25*	25.5	25*	24.4	23*	21.9	-4	-11	-14	47	95
<u>WHITE FEMALE</u>											
United States	96509	13.5	102823	11.1	117424	10.1	-18	-9	-25		
West Virginia	1230*	16.1	1398*	15.1	1630*	14.4	-6	-4	-10		
Kanawha	113	13.4	184*	17.0	202*	14.9	26	-12	11	80	89
Pleasants	3	9.5	3	7.6	3	6.4	-20	-16	-33	43	19
Putnam	10	12.7	14	12.7	19	12.1	0	-5	-5	71	75
Tyler	13	17.2	9	12.0	17*	22.5	-30	88	31	86	97
Wetzel	18	18.1	29*	27.0	27*	21.2	49	-21	17	82	97

UCC 100191

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute

SECONDARY, SITE UNSPECIFIED AND NOT PREVIOUSLY LISTED CANCERS

BUSINESS CONFIDENTIAL

	<u>1950-1959</u>		<u>1960-1969</u>		<u>1970-1979</u>		<u>Percent Change</u>			<u>Percentiles</u>	
	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>Deaths</u>	<u>Rate</u>	<u>60s/50s</u>	<u>70s/60s</u>	<u>70s/50s</u>	<u>% Change 70s/50s</u>	<u>Rates 1970s</u>
<u>NON-WHITE MALE</u>											
United States	11124	17.9	14161	18.4	18082	18.1	3	-2	1		
West Virginia	71	14.6	86	19.0	99*	24.4	30	28	67		
Kanawha	10	17.2	14	20.4	25*	38.1	19	87	122	85	93
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-
<u>NON-WHITE FEMALE</u>											
United States	10884	16.5	13595	15.4	17057	13.5	-6	-12	-18		
West Virginia	94*	23.3	102*	22.1	96*	19.6	-5	-11	-16		
Kanawha	11	16.7	21*	26.0	23*	25.1	55	-3	50	80	90
Pleasants	-	-	-	-	-	-	-	-	-	-	-
Putnam	-	-	-	-	-	-	-	-	-	-	-
Tyler	-	-	-	-	-	-	-	-	-	-	-
Wetzel	-	-	-	-	-	-	-	-	-	-	-

UCC 100192

*Significantly more deaths than expected

Data Source: U.S. Cancer Mortality Rates and Trends 1950-1979
U.S. Environmental Protection Agency
National Cancer Institute