

**Table 2**  
**Mortality Comparison - Dow Midland Plant Employees**

	Report 1	Report 2	Report 3	Reprt 4	Report 5	Report 6	Report 7
<b>Author</b>	DOW	DOW	NIOSH	DOW	DOW	DOW	DOW
<b>Chemical Exposure</b>	General	General	TCDD	TCDD	TCDD	TCDD	H/OCDD
<b>Number of Employees Studied</b>	37,682	42,076	5,172	2,189	2,192	2,026	770
<b>Period Covered</b>	1940-1982	1940-1994	1942-1987	1940-1979	1940-1982	1940-1982	1940-1989
<b>Cause of Death</b>							
All causes (000-999)	95	109	99	91	93	97	94/104*
All malignant neoplasms (140-209)	119	111	115/146*	96	102	106	95/105*
Cancer of buccal cavity and pharynx (140-149)			329				
Cancer - digestive organs (150-159)	119		140				
Esophagus (150)			200				
Stomach (151)	214		138	156	158		176
Small and large intestine (152-153)	159		178		141		
Rectum (154)	111		115				
Liver and biliary passages (155-156)	138		116				
Cancer of respiratory system (160-163)	120	185	142				
Larynx (161)			268				
Lung (162-163)	123		139				
Cancer of bone (170)			521		250		
Soft-tissue and connective tissue (171)			568	330	250	500	
Cancer of skin (172-173)			155				
Cancer of prostate (185)	196		152	188	190		188
Cancer of testis (186)	188		149	158	167		158
Cancer of bladder (188)			159				
Cancer of kidney (189)			140				300
Cancer of brain & CNS (191-192)	148						
Lymphatic-hematopolietic cancer (200-209)	129	129	125	167	150	177	132
Lymphosarcoma& reticulosarcoma (200)	147	124	142			231	
Hodgkin's disease (201)	132	132	276			111	
Non-Hodgkin's lymphoma (200-202)			137	238	192	210	592
Leukemia - aleukemia (204-207)	176	138	126		121	171	
Cancer-other lymphatic tissue (202-203,208)	135		161			200	200
Multiple myeloma			262		200		250
Cancer of other and unspecified sites	140		196	243	261	192	161
Diabetes mellitus (250)		125					111
Diseases of circulatory system (390-458)							
Arteriosclerotic heart disease (410-413)						110	
Non-malignant respiratory diseases (460-519)							133
Emphysema (492)							174
Gastric and duodenal ulcer (531-534)				208	185		556
Cirrhosis of liver (571)					263		154
Mesthelioma (est)	1000	2687	2755				
Shaded Areas = 3 studies or more with SMR's > 110							
(1) Dow Chemical; Cause-Specific Mortality Among Male Chemical Workers; Bond GG, et al; >20 years after hire							
(2) Dow Chemical; Cause-Specific Mortality Among Michigan Employees of a Chemical Company: 1940 to 1994; Burns CJ, et al; >20 years after hire							
(3) NIOSH; Cancer Mortality in Workers Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin; Fingerhut MA, et al; > 1 year of exposure; >20 yrs latency							
(4) Dow Chemical; Evaluation of the Mortality Experience of Workers Exposed to Chlorinated Dioxins, Cook RR, et al							
(5) Dow Chemical; Cohort Mortality Study of Chemical Workers with Potential Exposure to the Higher Chlorinated Dioxins; Ott MG; et al							
(6) Dow Chemical; Evaluation of Mortality Patterns Among Chemical Workers with Chloracne; Bond GG; at al; > 15 years after hire							
(7) Dow Chemical; Mortality in a Cohort of Pentachlorophenol Manufacturing Workers, 1940 - 1989; Ramlow JM, et al; > 15 years of latency							