

APPENDIX B – PART I
Analytic Data File Sets
Single Facilities
Health and Mortality Studies

**CEDR Analytic
Data File Sets**

Data File Set	Study Name	Brief Description†	Page
FRC94A02	Fernald Cohort Study	Mortality study of 4,014 white male uranium workers, 1951-1989	B-5
FRW83A01	Fernald (NLO) Cohort Study, 1983	Nonmalignant respiratory morbidity study of 4,101 uranium workers, 1952-1972	B-9
HFC78A01	Hanford Cohort Study, 1989	Mortality study of 35,869 workers at a plutonium production and research facility, 1945-1981	B-11
HFI89A01	Hanford Cohort Study, 1993	Mortality study of 37,012 workers at a plutonium production and research facility, 1945-1986	B-15
HFLCAA01	Hanford Lung Cancer Study, 1990	Case-control study of 86 white male lung cancer cases and 445 matched controls among workers at a plutonium production and research facility, 1965-1980	B-19
HFMCCA02	Hanford Case-Control Study of Congenital Malformations, 1988	Case-control study of 672 congenital malformation cases and 978 matched controls among births in two counties adjacent to a plutonium production and research facility, 1957-1980	B-21
* HFMPVA02	Hanford Community-Based Study of Congenital Malformations, 1988	Prevalence study of congenital malformations among births in two counties adjacent to a plutonium production and research facility, 1968-1980	B-27
HFS93A03	Hanford Cohort Study, 1993	Mortality study of 44,101 workers at a plutonium production and research facility, 1944-1986	B-31
LAFEMA01	Los Alamos National Lab (LANL) Female Cohort Study, 1987	Mortality study of 5,234 white female workers at LANL research facility, 1978-1981	B-35
* LAHSWA04	LANL Study of Workers with High Exposures to Plutonium	Mortality study of 7,466 white male and female workers at LANL (241 with estimated deposition of 10 nanocuries or more of plutonium and 7,225 controls)	B-39
LAMENA03	LANL Cohort Study, 1962 & 1994	Mortality study of 15,727 male workers at LANL, 1943-1990	B-43
LASUIA02	LANL Female Suicide Study, 1988	Case-control study of suicide among 136 female workers at LANL research facility, 1943-1978	B-47
LAUPUA01	Follow-up of Manhattan Project Plutonium Workers, 1973, 1979, 1983, 1985, 1989 & 1991	Study of 26 white male Manhattan Project workers exposed to plutonium-239 during 1944-1945 at LANL	B-49
LND87A01	Linde Uranium Worker Cohort Study, 1987	Mortality study of 995 white male uranium workers, 1943-1979	B-51
MCD94A01	Mallinckrodt Chemical Works Cohort Study	Mortality study of 2,542 white male workers in the Uranium Division, 1942-1988	B-55
MDEXTA02	Mound Facility External Radiation Cohort Study, 1991	Mortality study of 4,182 workers at a research and production facility, 1947-1980	B-59
MDPOLA03	Mound Facility Polonium Exposure Cohort Study, 1991	Mortality study of 4,402 white male workers at a research and production facility, 1944-1972	B-63
MDSMRA01	Mound Facility Cohort Study—Preliminary SMRs, 1991	Mortality study of 4,697 white male workers at Mound, 1942-1979	B-67

† The numbers of workers in the brief description represent the number of workers in the study cohort. Data in the files may pertain to a larger number of workers.

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(cont.)**

Data File Set	Study Name	Brief Description†	Page
ORK25A01	Oak Ridge K-25 (ORGDP) Nickel Exposure Cohort Study, 1984	Mortality study of 8,366 white male workers at a uranium enrichment facility, 1948-1977	B-71
ORK25A02	Oak Ridge K-25 Cohort Study	Mortality study of 40,785 workers at a uranium enrichment facility, 1945-1990	B-75
* ORK25A03	K-25 Centrifuge Worker Study, 1992	One file for an interview study of 263 process workers and 271 other employees at the K25 Centrifuge facility conducted to determine the incidence rate of cancers and illness symptoms related to epoxy resin and solvent exposures	B-79
ORMULA01	Oak Ridge Facilities Welders Study, 1981	Mortality study of 1,059 white male welders at uranium and research facilities, 1943-1974	B-83
ORMULA02	Oak Ridge Facilities World War II Cohort Study, 1990	Mortality study of 28,008 white male workers at uranium and research facilities during World War II, 1950-1979	B-87
ORMULA03	Oak Ridge Facilities Study— Ill-defined Cause of Death, 1992	Case-control mortality study of 1,216 uranium and research workers (608 with ill-defined causes of death and 608 matched controls), 1943-1982	B-91
ORMULA04	Oak Ridge Three-Facility Welder Study	Mortality study of 1,211 white male welders employed at either ORNL, Y-12, or K-25 facilities at Oak Ridge Site, 1943-1989	B-93
ORMULA05	Oak Ridge Three-Facility Cohort Study	Mortality study of 106,020 workers at either ORNL, Y-12, or K-25 facilities at Oak Ridge Site, 1943-1984	B-97
ORX10A01	Oak Ridge National Laboratory (ORNL) Cohort Study, 1985	Mortality study of 8,375 white males at ORNL research facility, 1943-1977	B-101
ORX10A02	ORNL Cohort—Follow-up Study, 1991 & 1993	Mortality update study on 8,318 white males at ORNL research facility, 1943-1984	B-105
ORX10A03	ORNL Cancer Case-Control Study, 1983	Cancer mortality study of 1,785 male workers at ORNL research facility, 1943-1977	B-109
* ORX10A04	Analysis of Oak Ridge X-10 mortality study	Evaluation of cancer mortality in a cohort of 8,318 white male workers at the X10 facility, exposed to low-level radiation (ORX10A02).	B-113
* ORX10A05	Expanded ORNL cohort study.	One analytic file containing data for study of radiation-mortality association among an expanded cohort of 14,095 ORNL workers.	B-115
ORY12A01	Oak Ridge Y-12 Plant Cohort Study, 1988	Mortality study of 6,781 white male workers at a research and development facility, 1947-1979	B-117
ORY12A02	Oak Ridge Y-12 Plant Mercury Exposure Cohort Study, 1984	Mortality study of 5,663 white male workers at a research and development facility, 1955-1978	B-121
ORY12A03	Oak Ridge TEC Cohort Study, 1981	Mortality study of 18,869 white male TEC workers at a uranium plant, 1943-1973	B-125
ORY12A04	Oak Ridge TEC Phosgene Exposure Cohort Study, 1980 & 1985	Mortality study of 106 male TEC workers highly exposed to phosgene at a uranium plant, 1943-1973 and 1943-1978	B-129
* ORY12A05	Oak Ridge Y-12 Cohort Mortality Study, 1996.	Two files generated for a cohort mortality study, published in the American Journal of Industrial Medicine in 1996, of 7,664 workers at the uranium enrichment facility (Y-12) plant in Oak Ridge, Tennessee	B-133

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PXSMRA01	Pantex Weapons Facility Cohort Study, 1985	Mortality study of 3,564 white male workers at the Pantex weapons facility, 1951-1978	B-137
RFANLA02	Rocky Flats Cohort Study	Mortality study of 9,490 workers at a plutonium fabrication facility, 1951-1989.	B-141
RFPLUA01	Rocky Flats Cohort Study, 1987	Mortality study of 5,413 white male workers at a plutonium fabrication facility, 1951-1979.	B-145
SRC88A01	Savannah River Site Cohort Study, 1988	Mortality study of 9,860 white male Savannah River workers, 1952-1980.	B-149
SRC94A02	Savannah River Site Cohort Study	Mortality study of 9,860 white male Savannah River Workers, 1952-1986.	B-153
ZARADA01	Zia Cohort Study	Mortality study of 5,424 radiation-monitored Zia support services workers at LANL, 1946-1984.	B-157

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