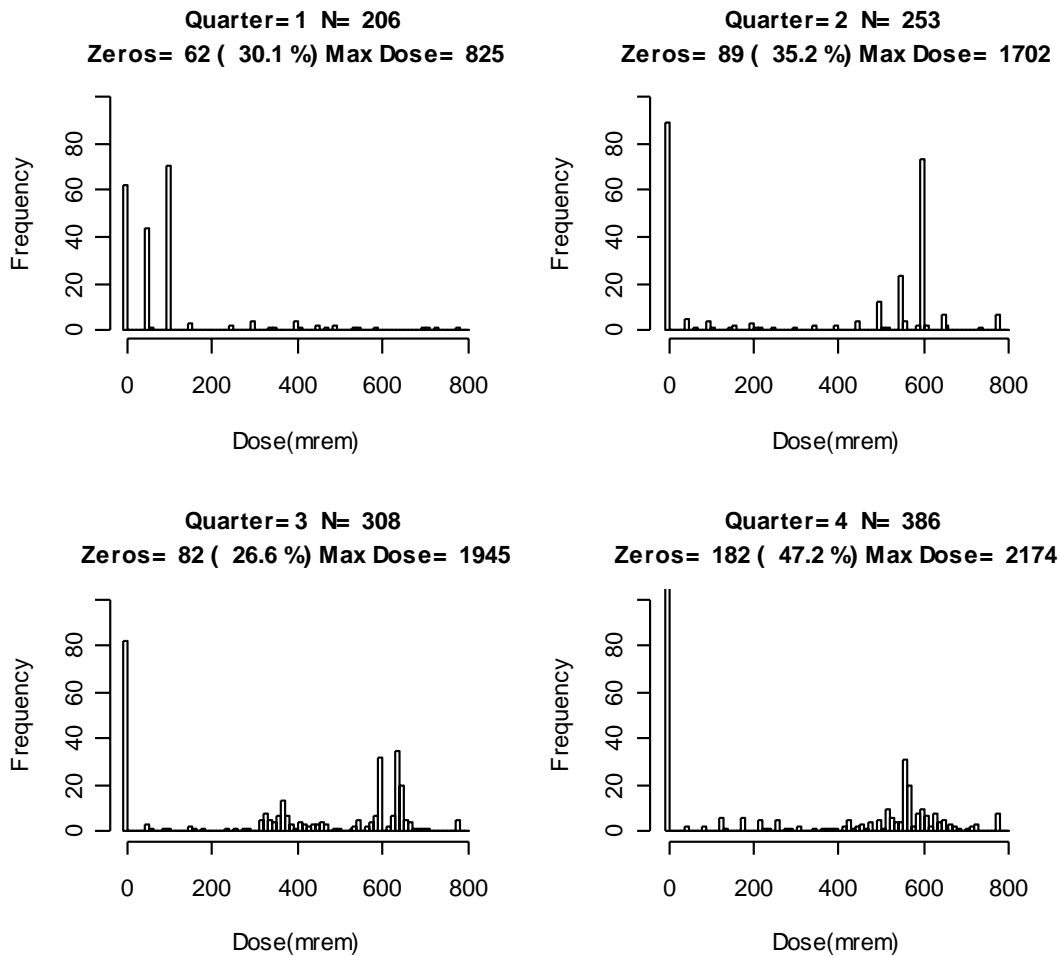


Historical Evaluation of the Film Badge Dosimetry Program at the Y-12 Facility in
Oak Ridge, Tennessee, Part 1 – Gamma Radiation

Appendix A: Distributions of Quarterly Gamma Doses by Year

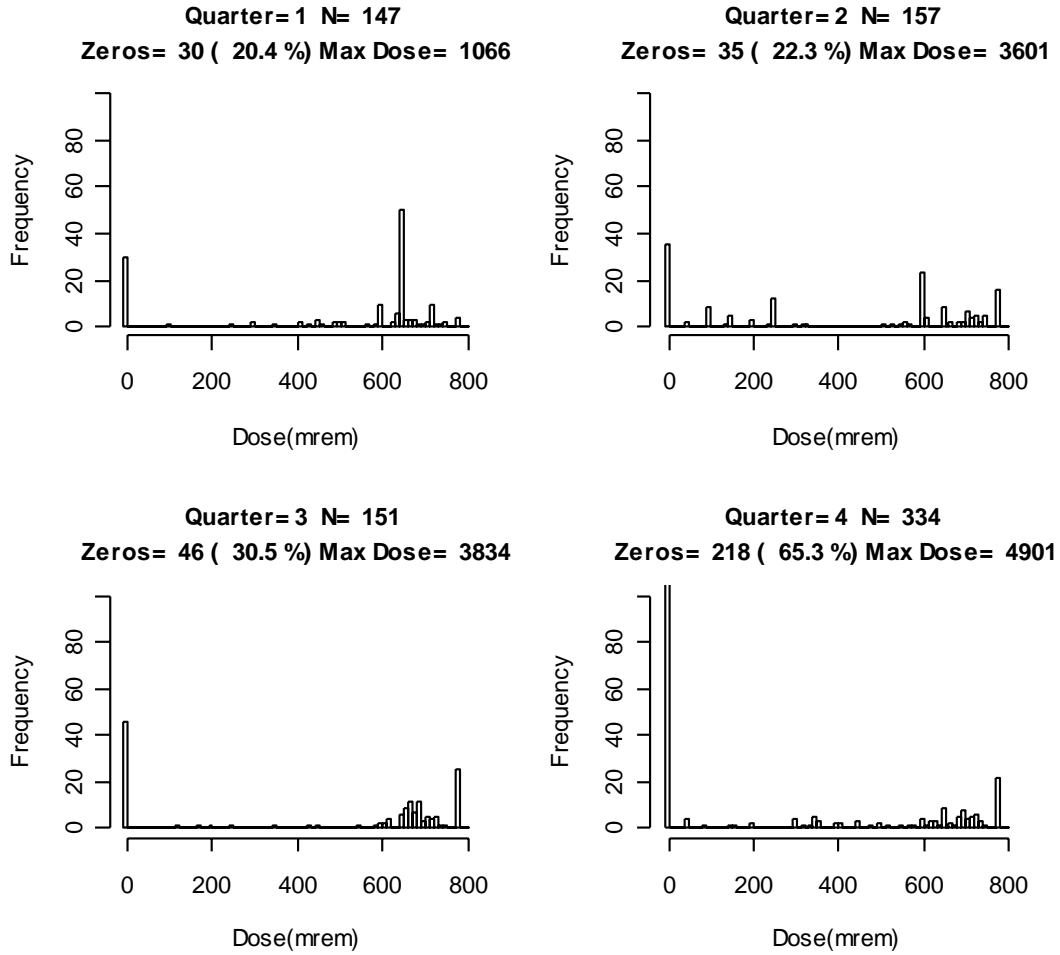
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1952



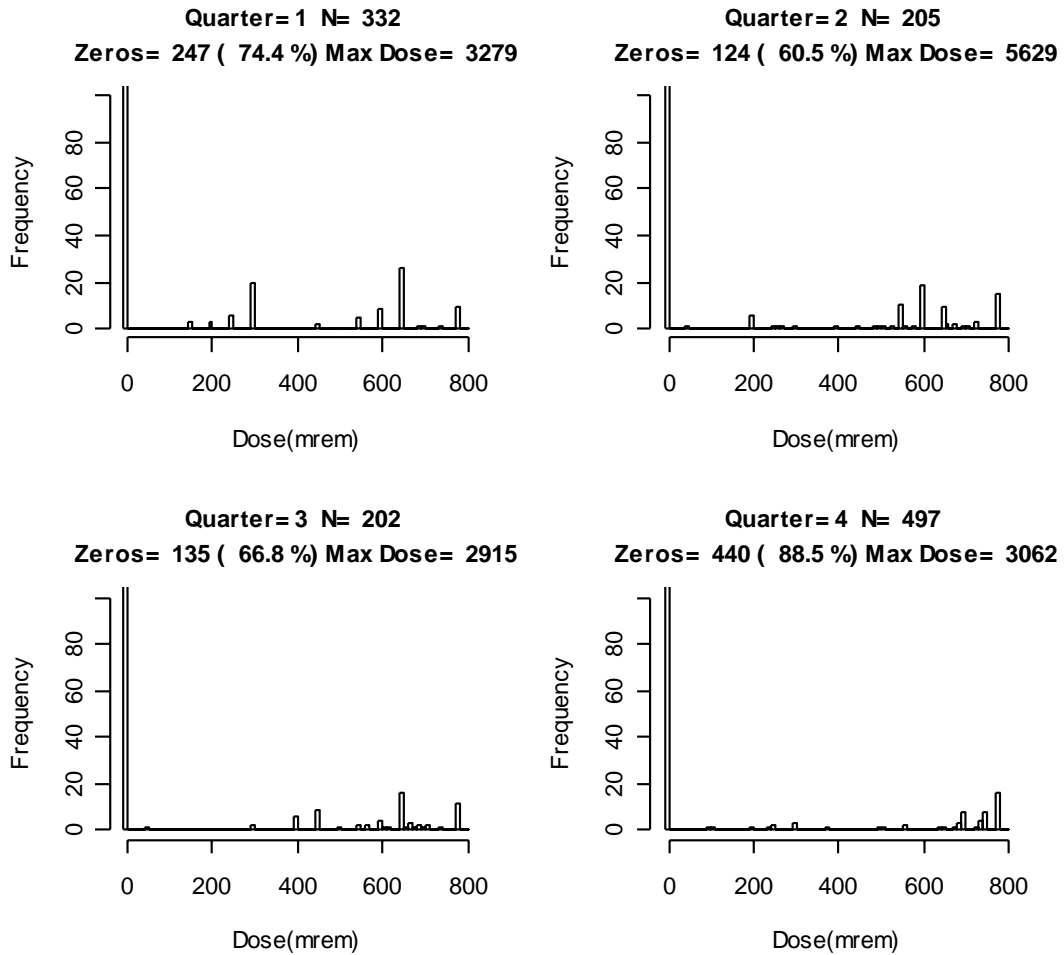
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1953



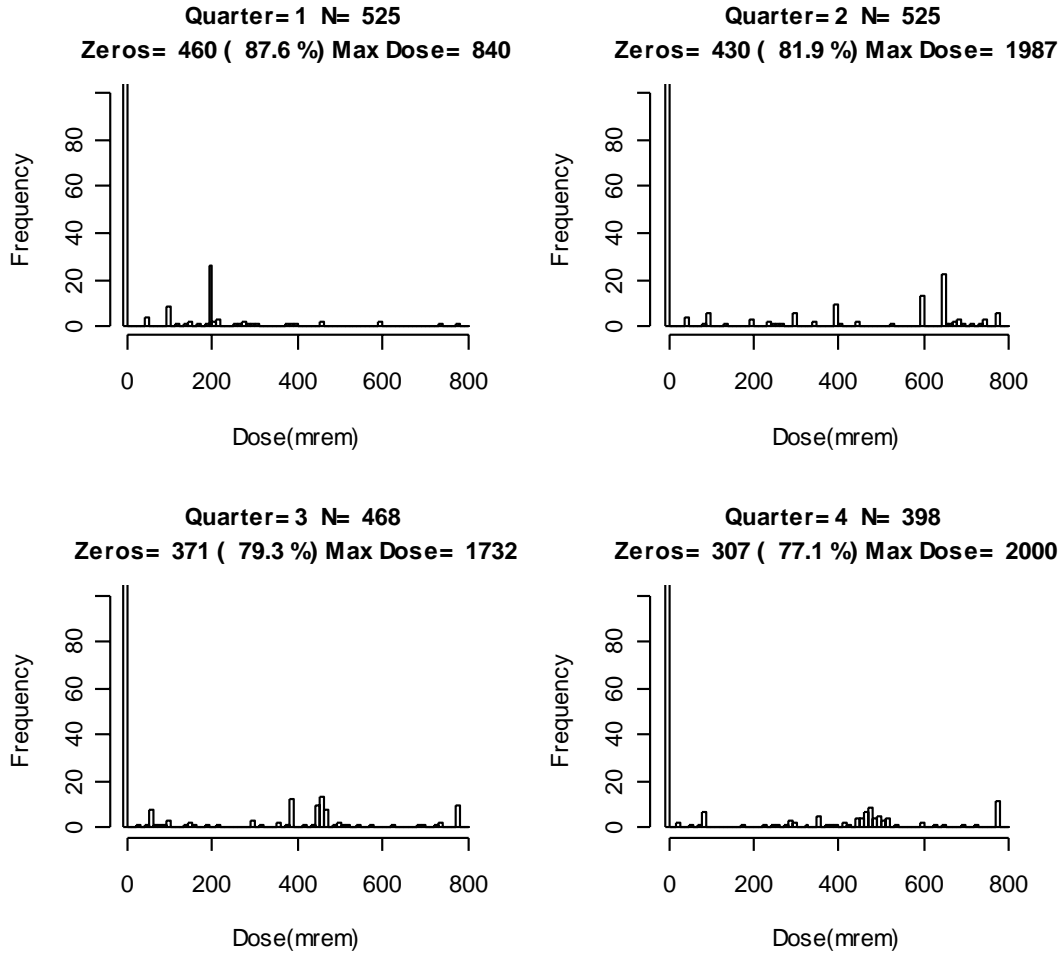
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1954



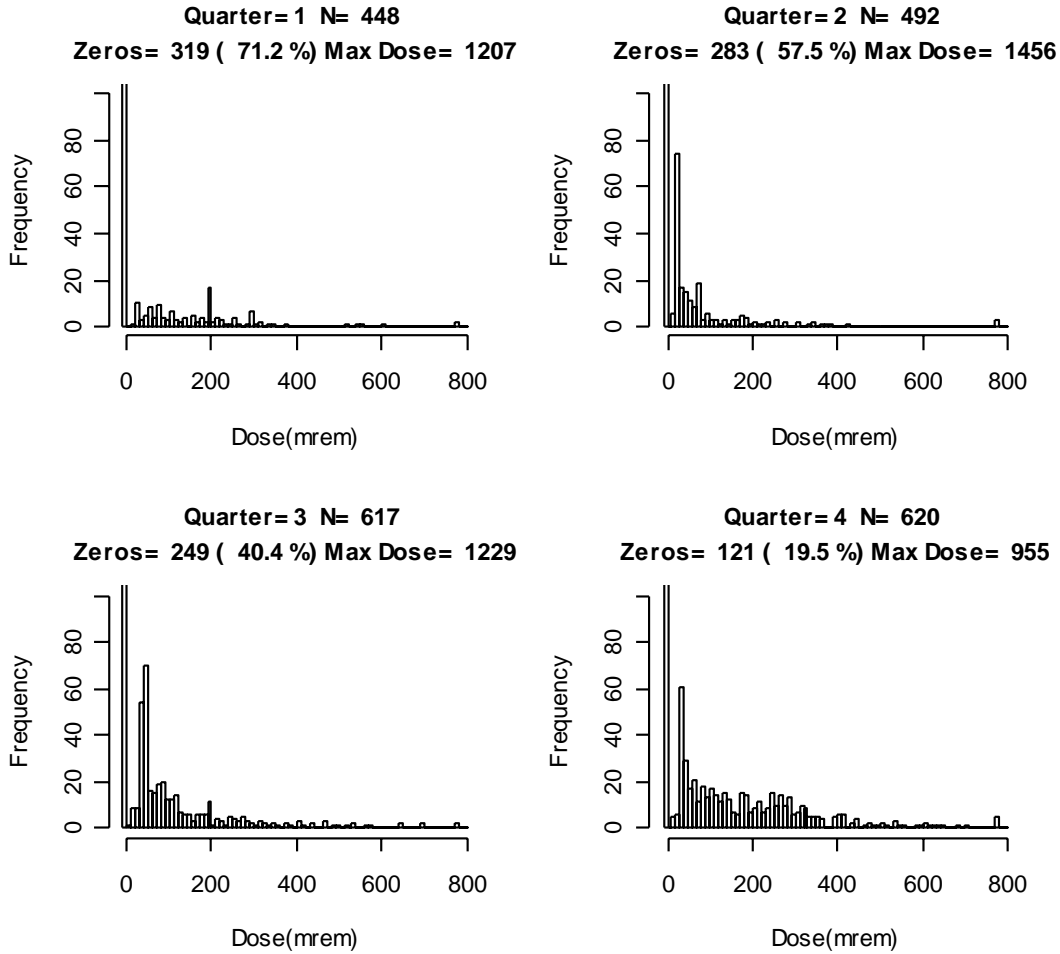
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1955



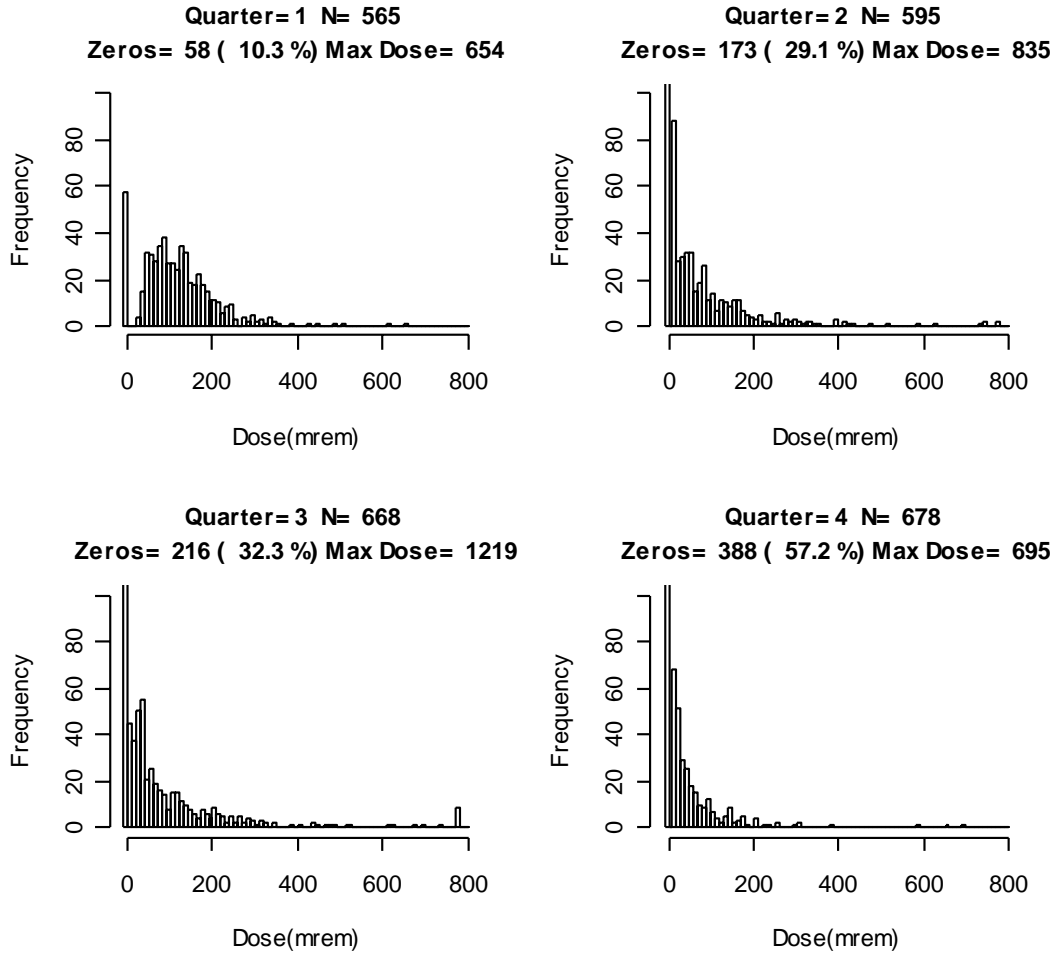
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1956



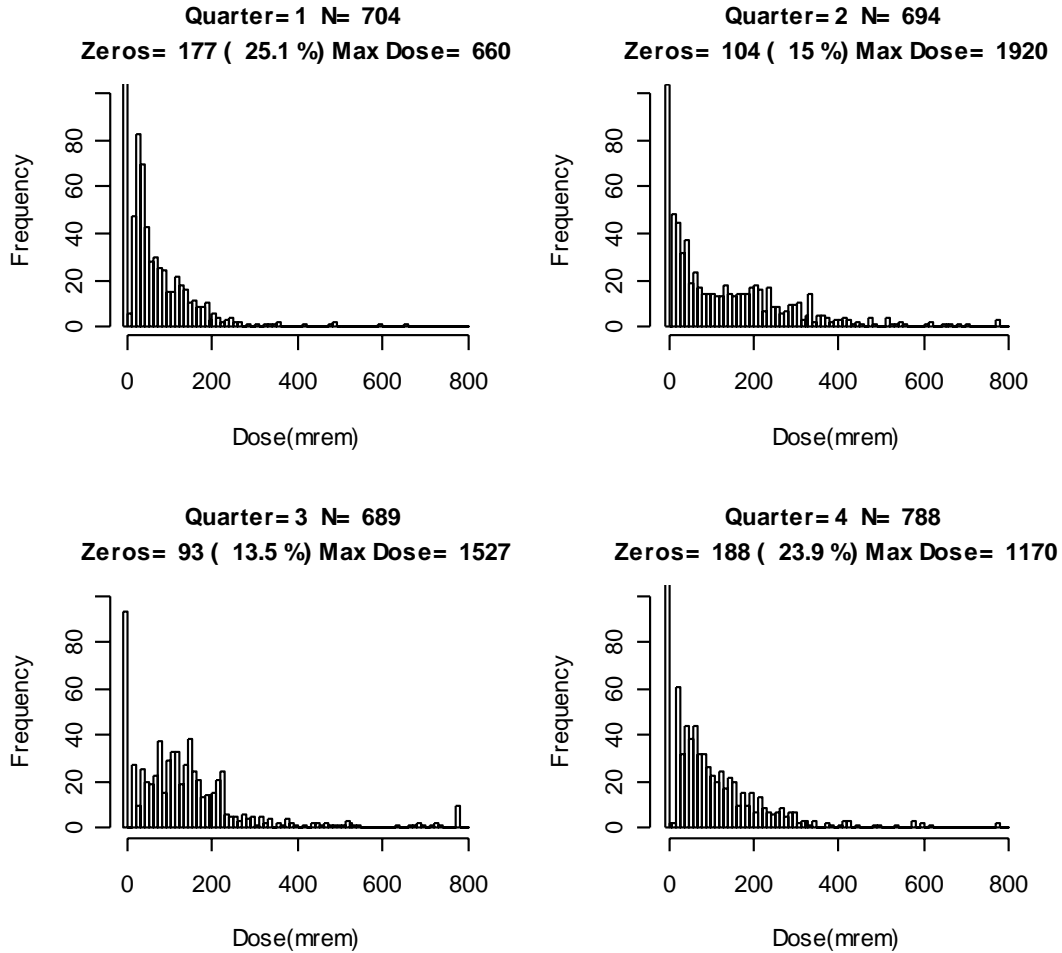
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1957



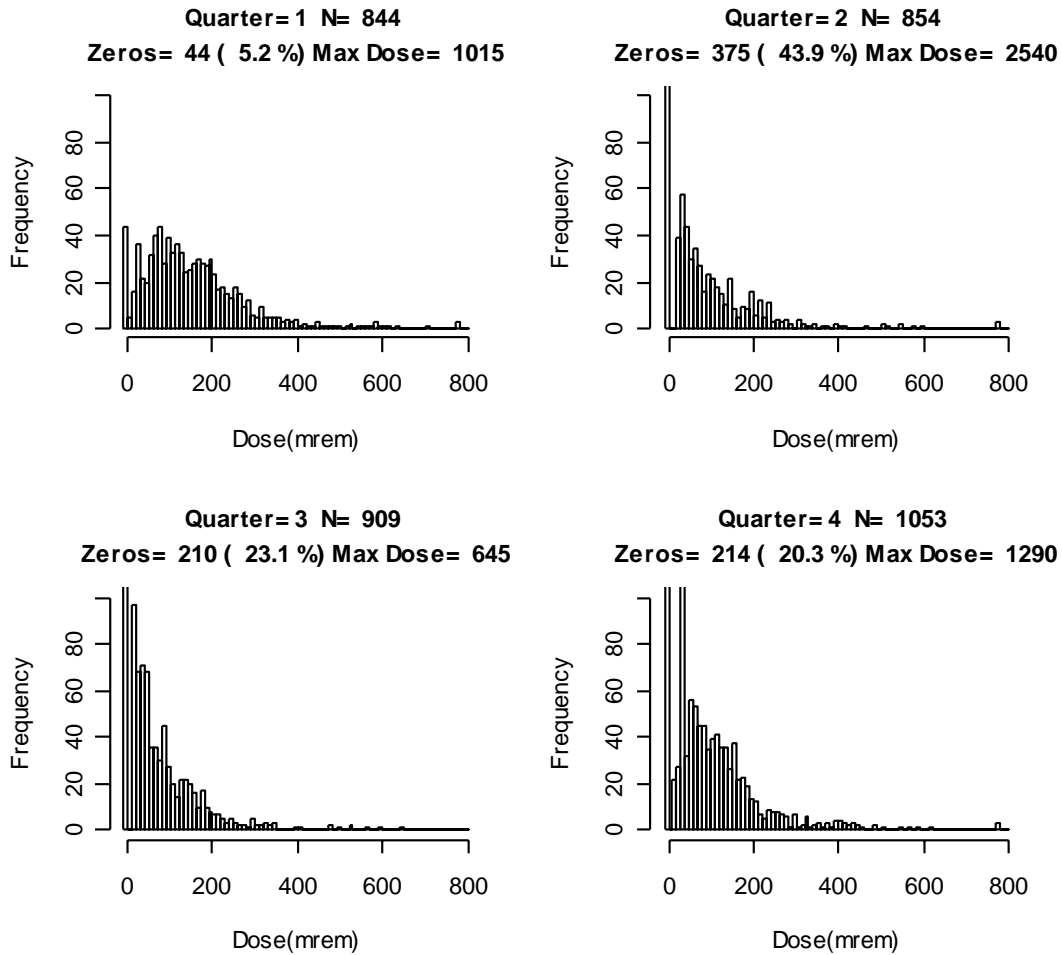
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1958



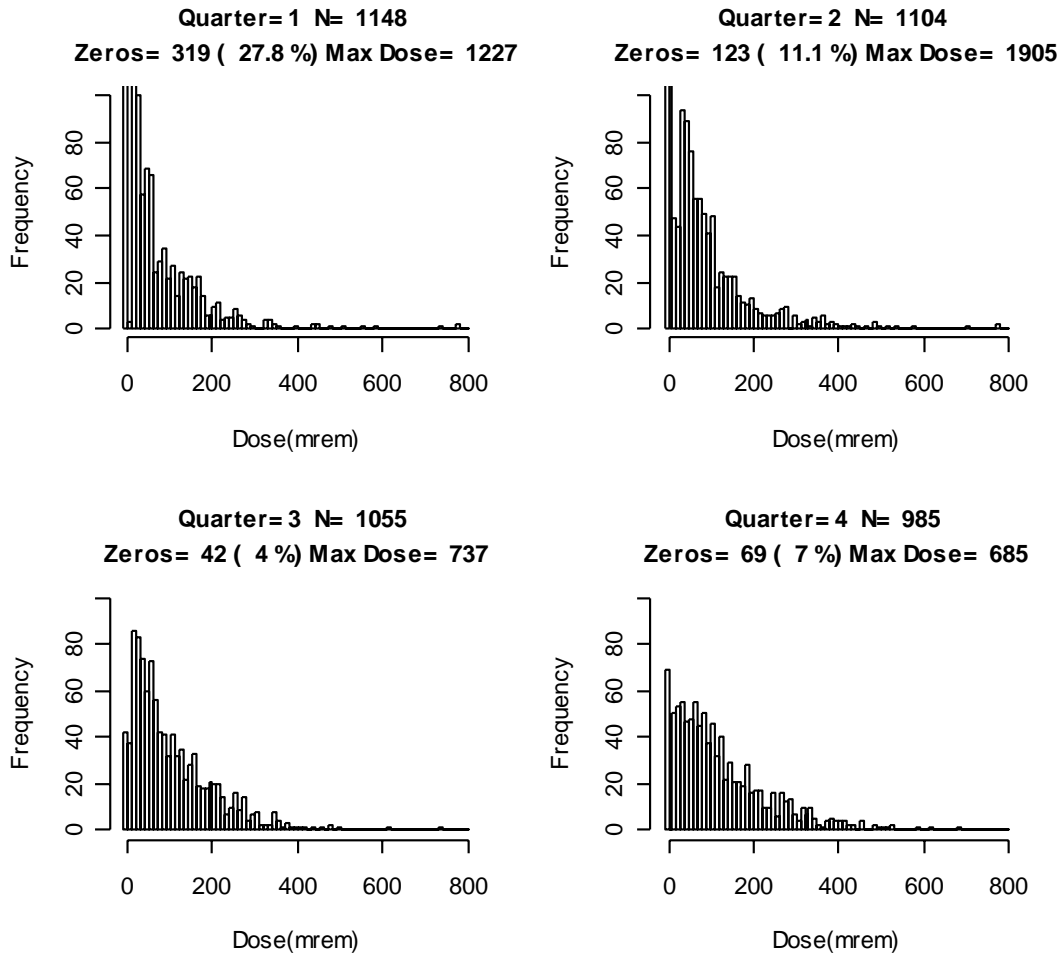
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1959



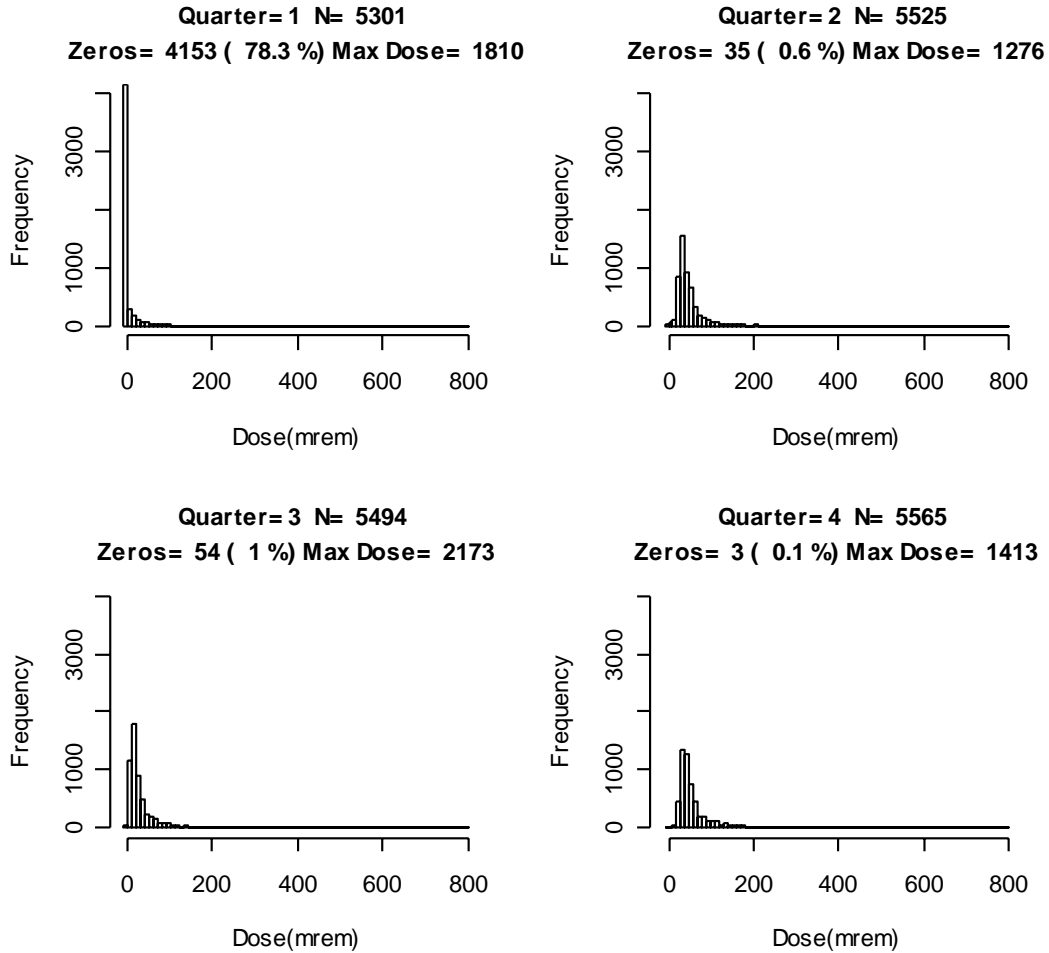
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1960



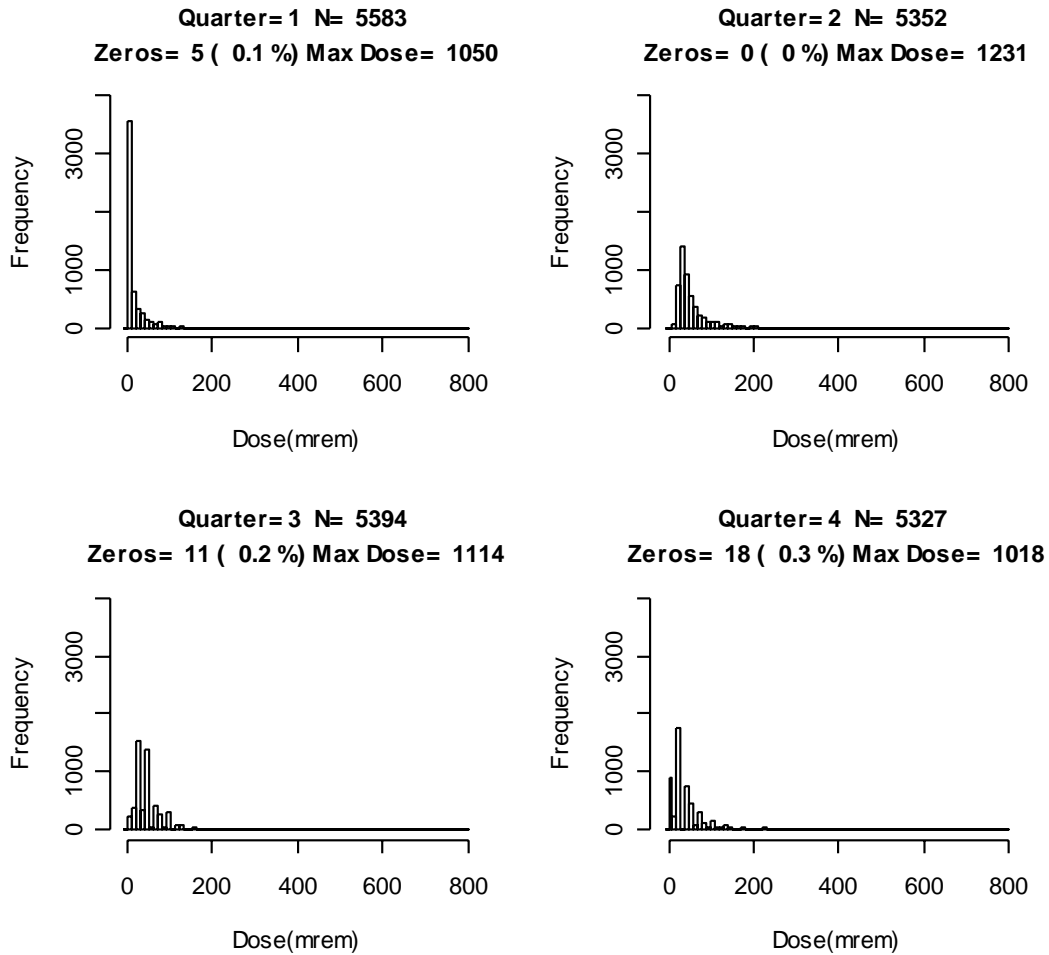
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1961



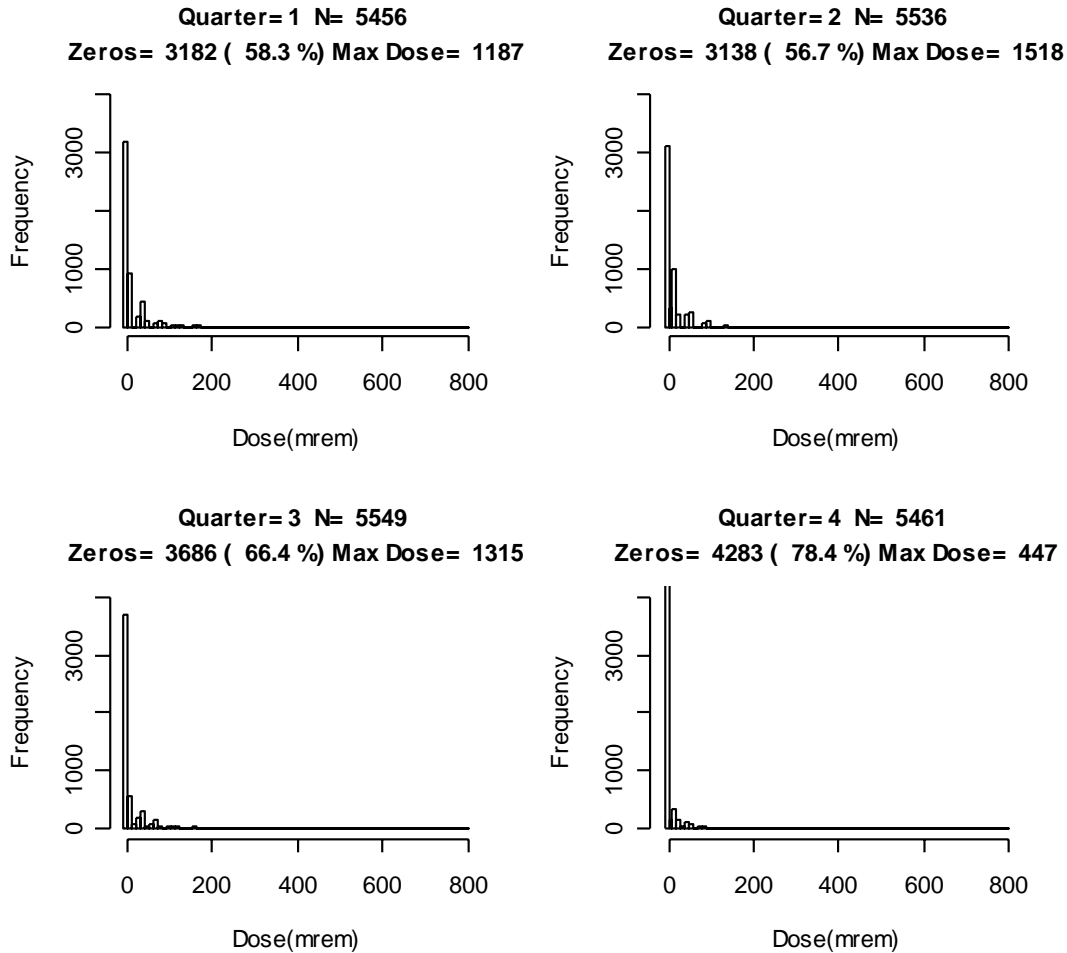
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1962



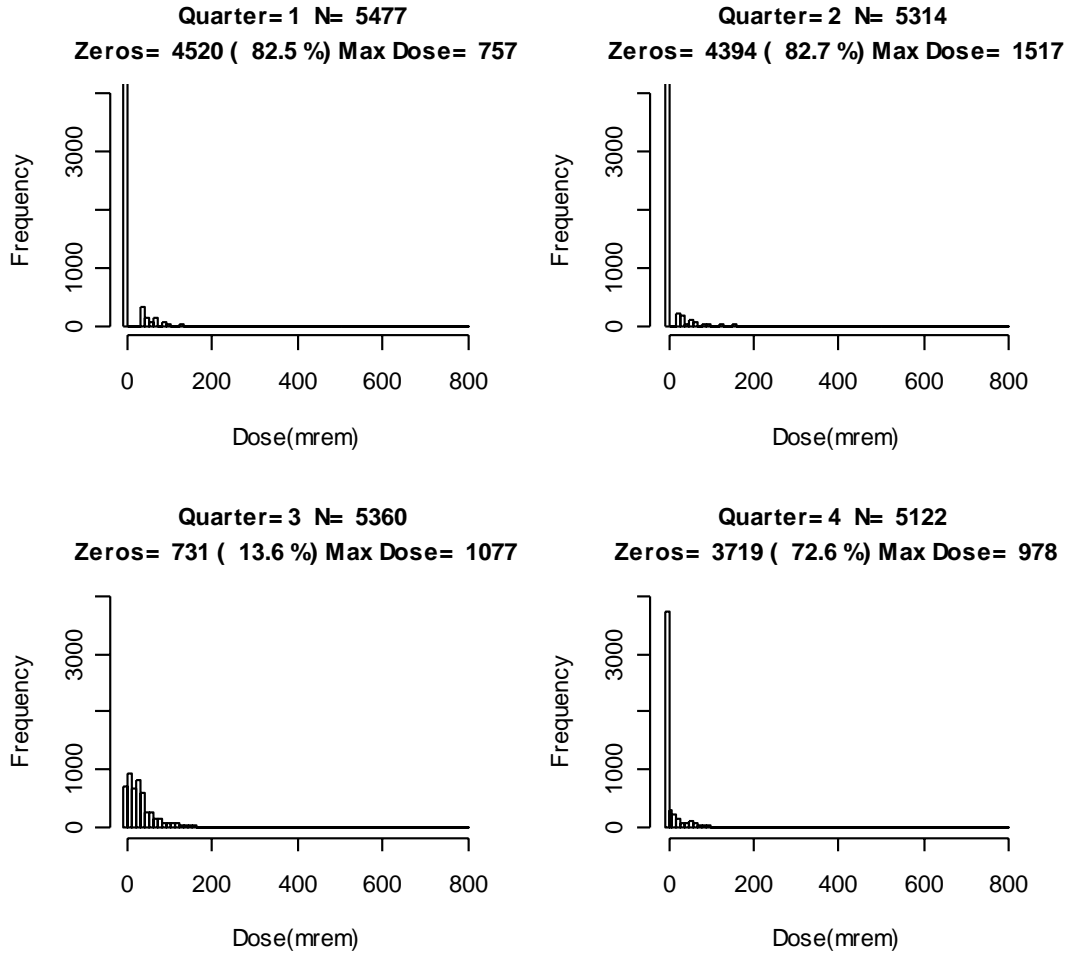
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1963



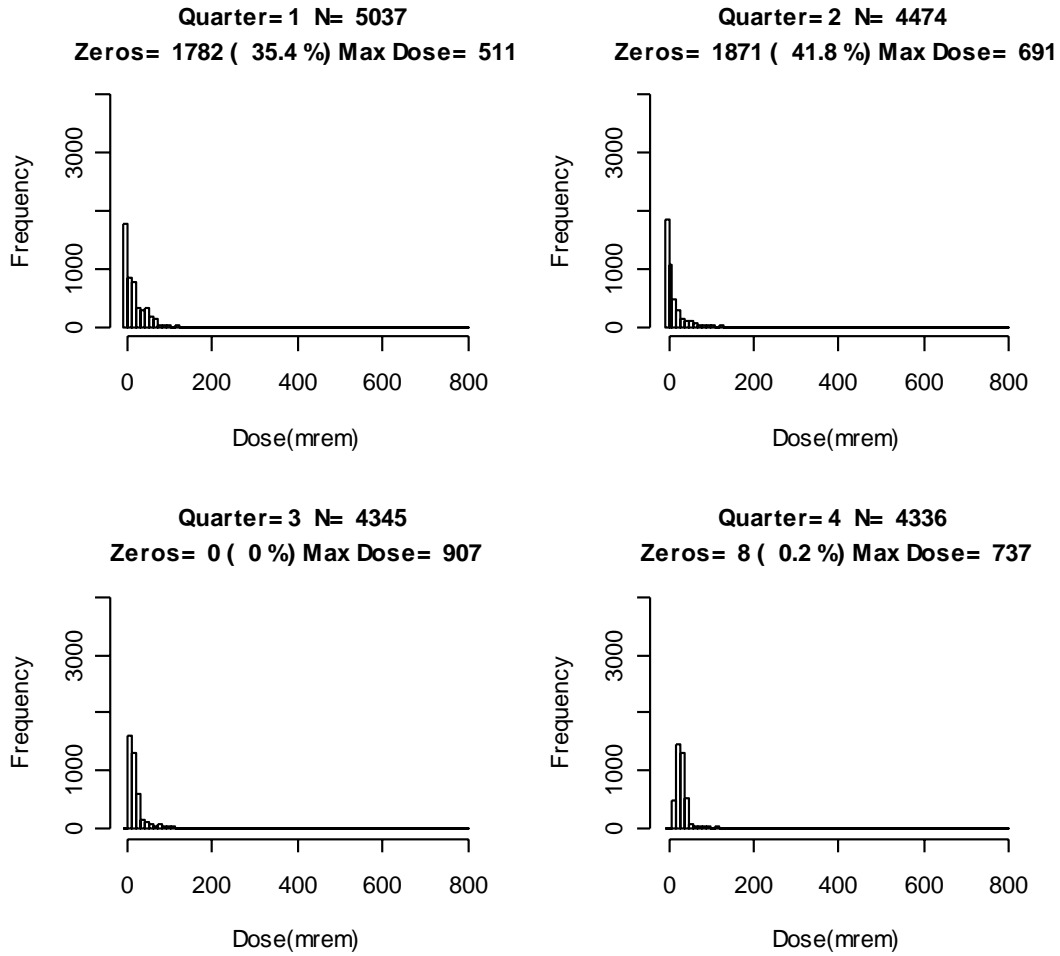
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1964



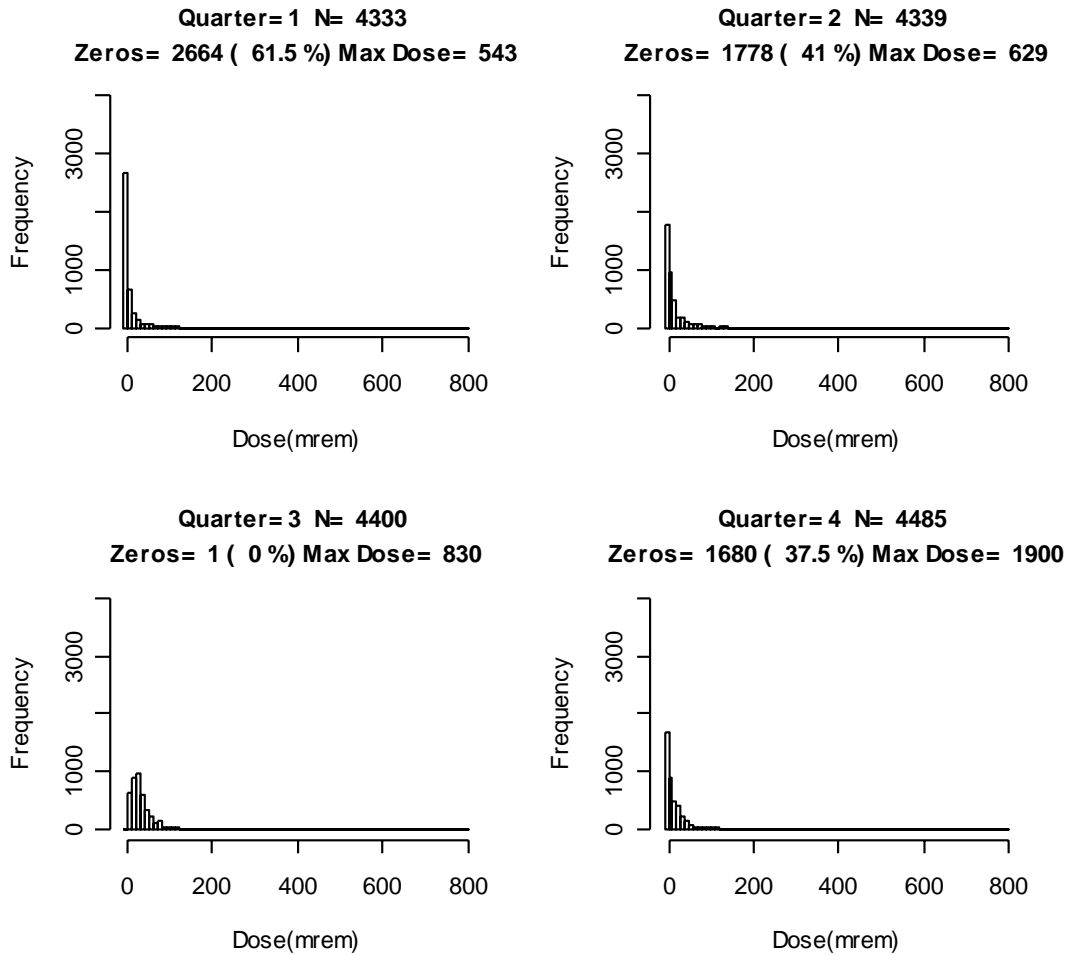
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1965



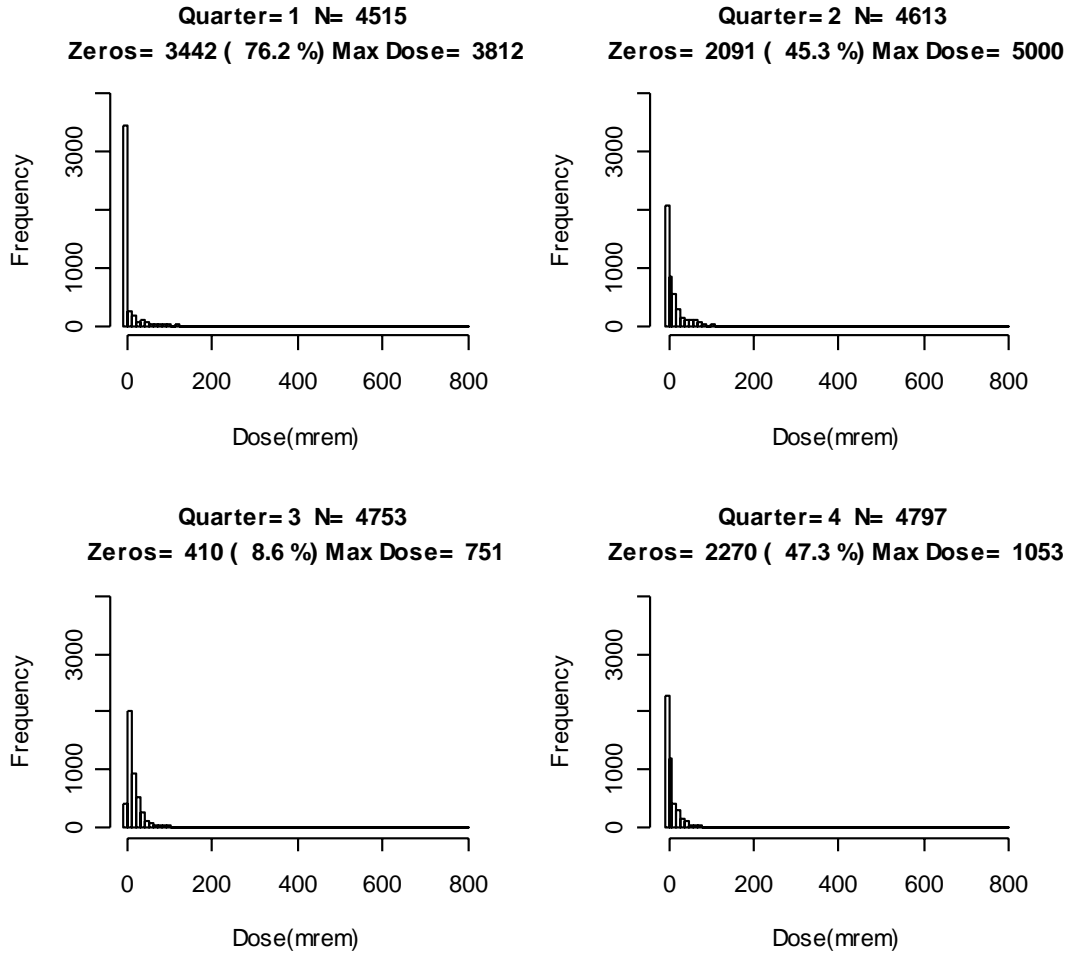
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1966



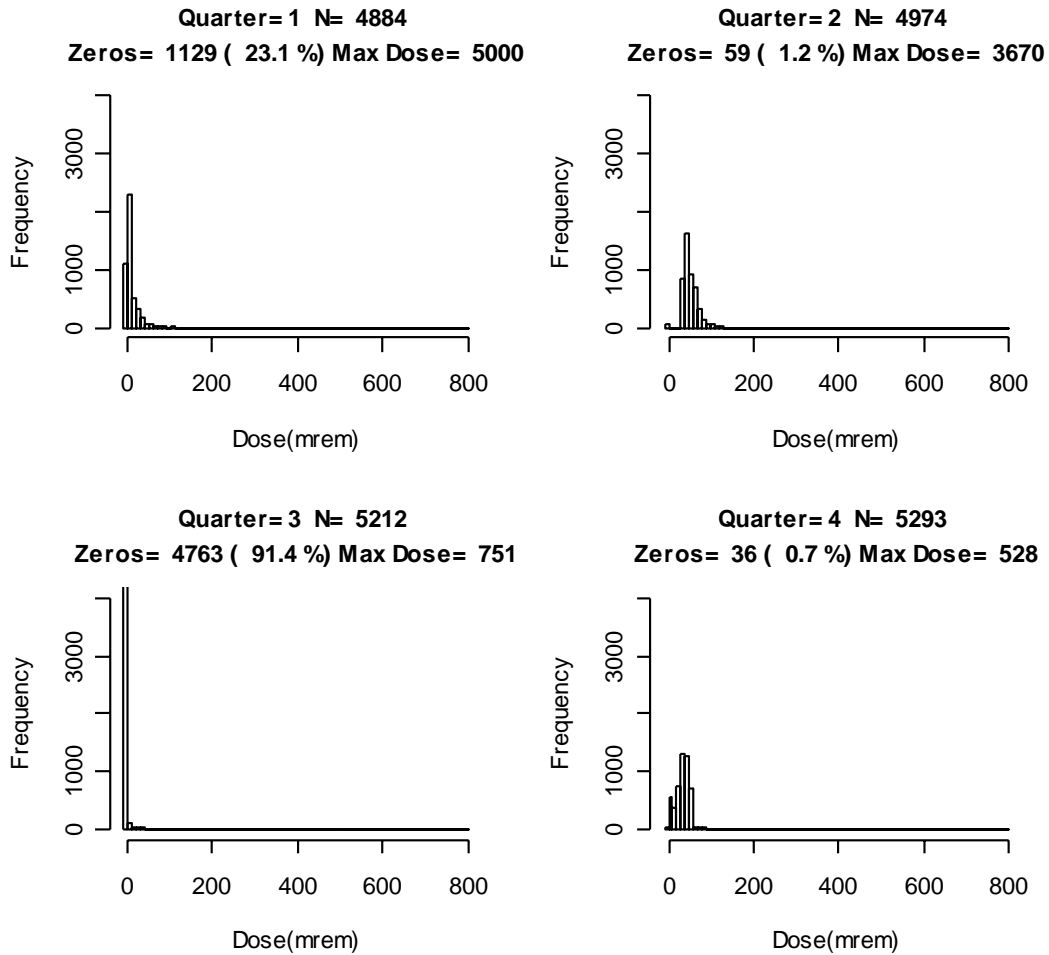
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1967



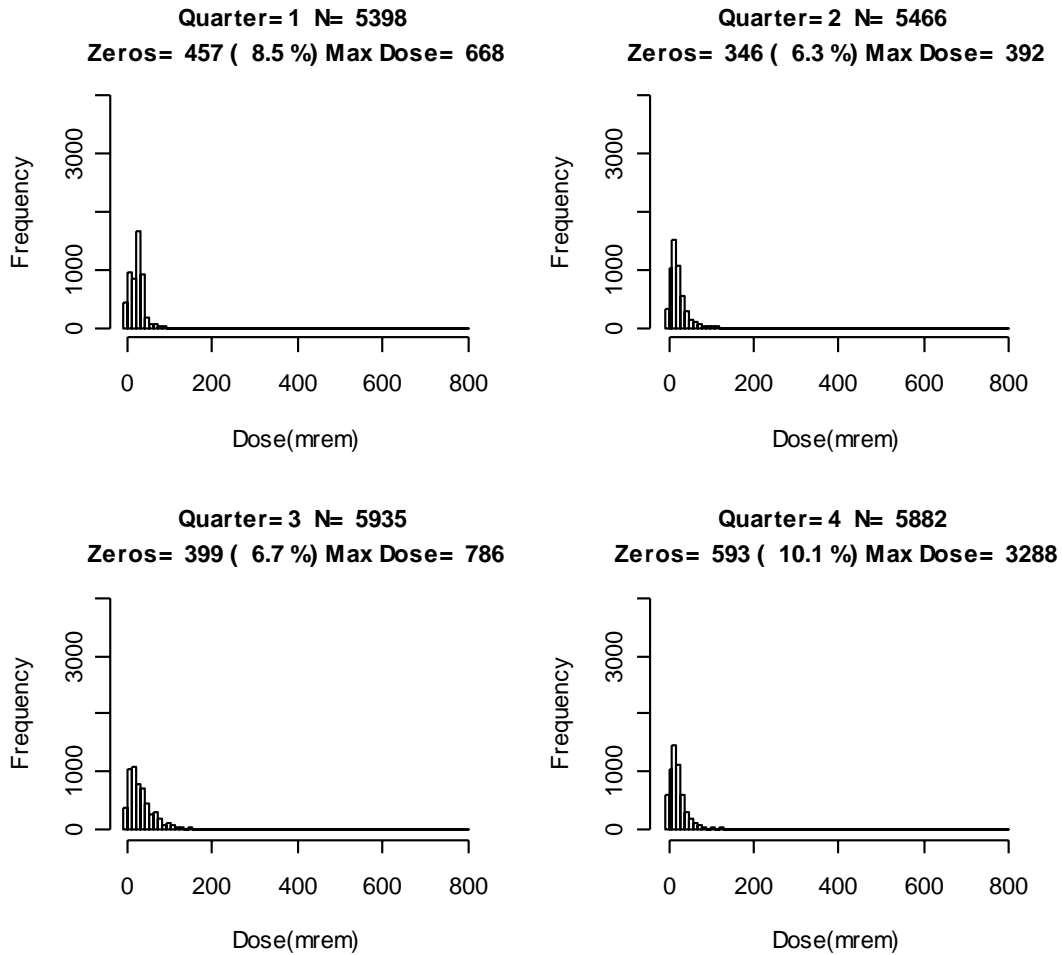
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1968



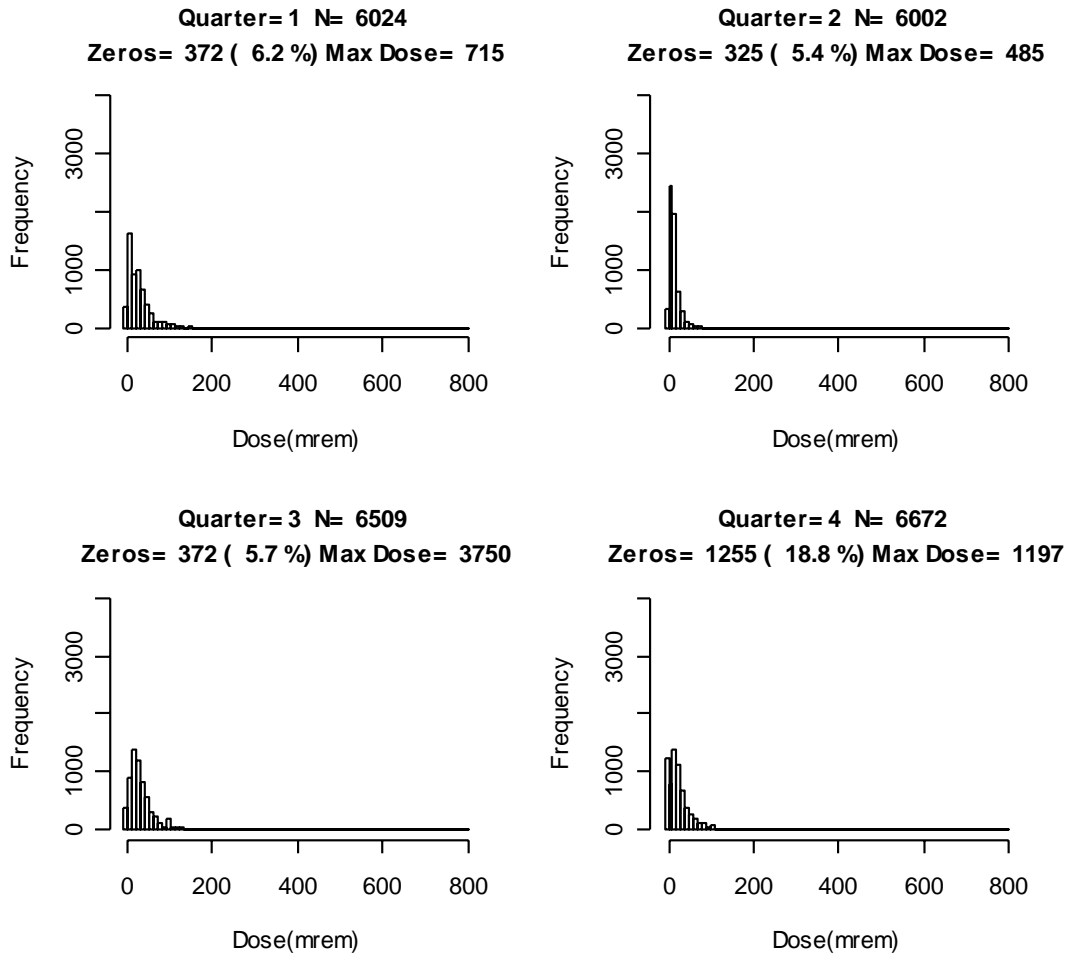
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1969



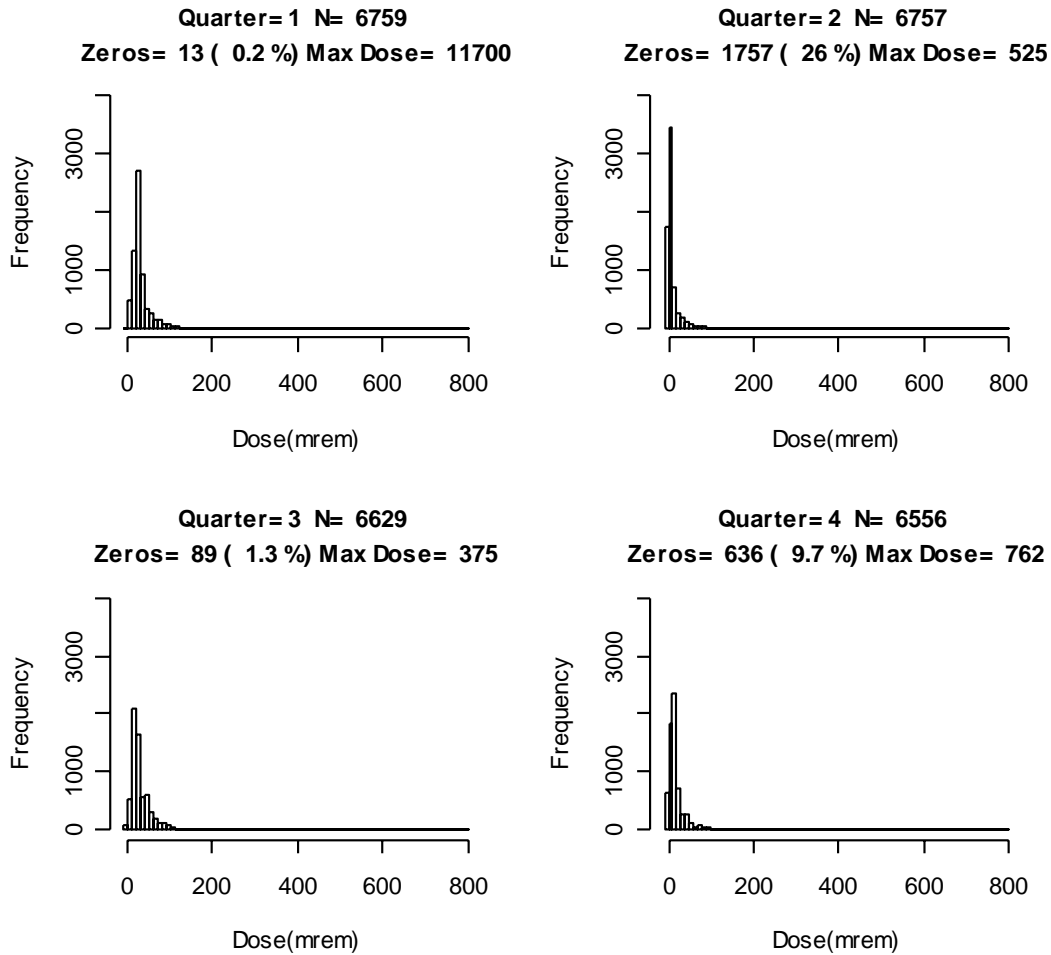
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1970



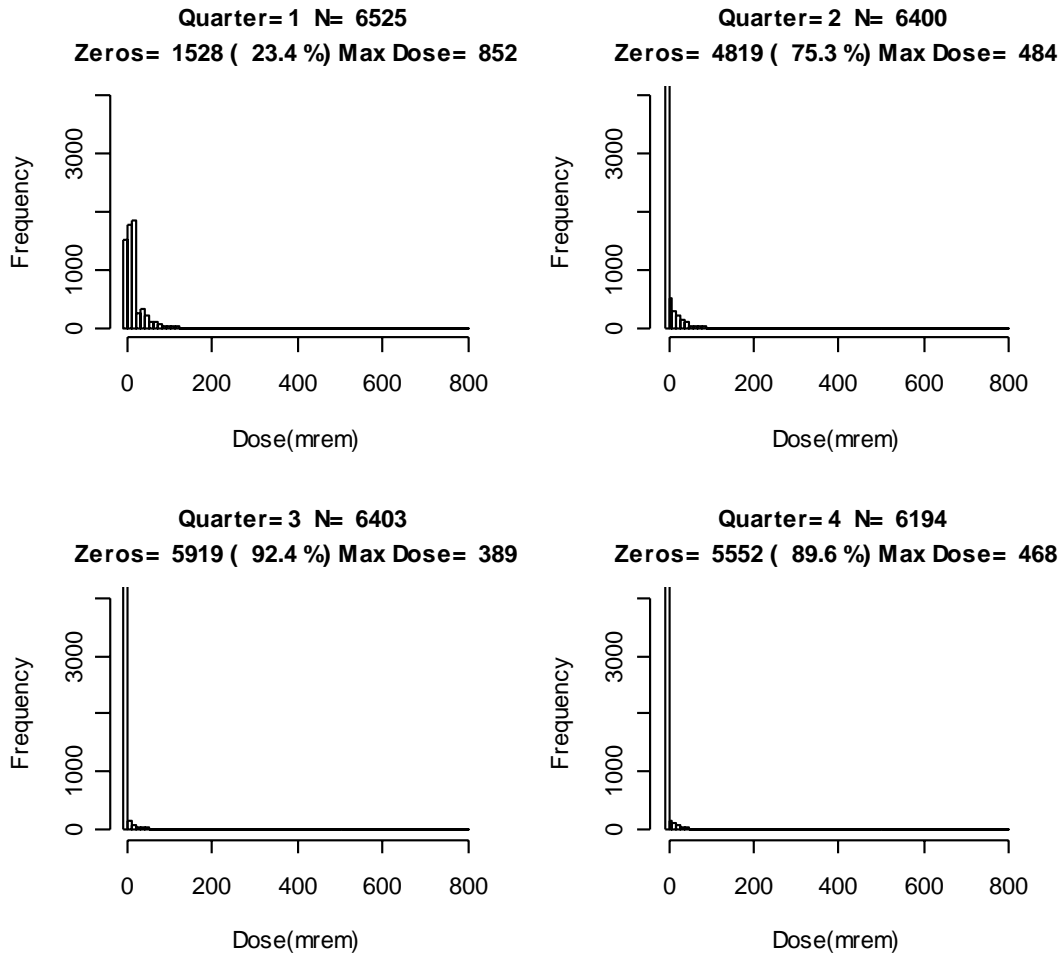
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1971



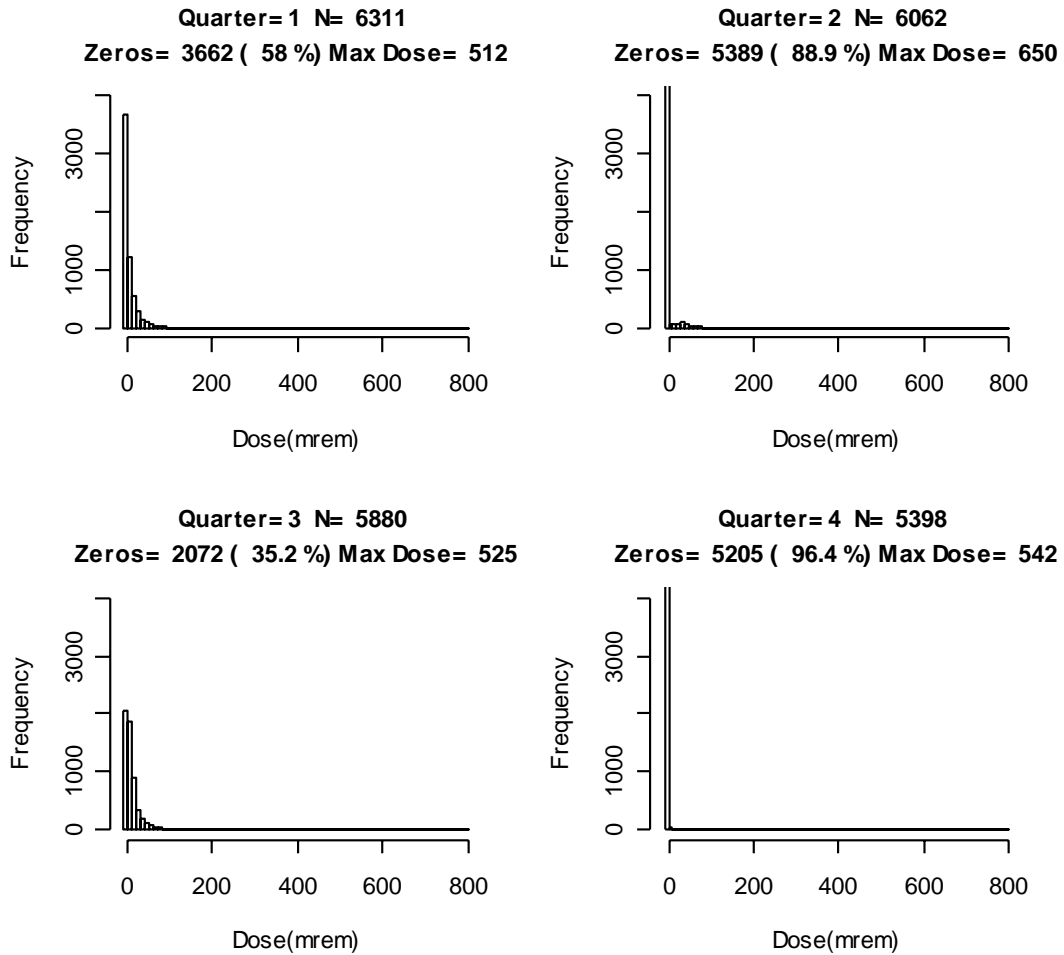
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1972



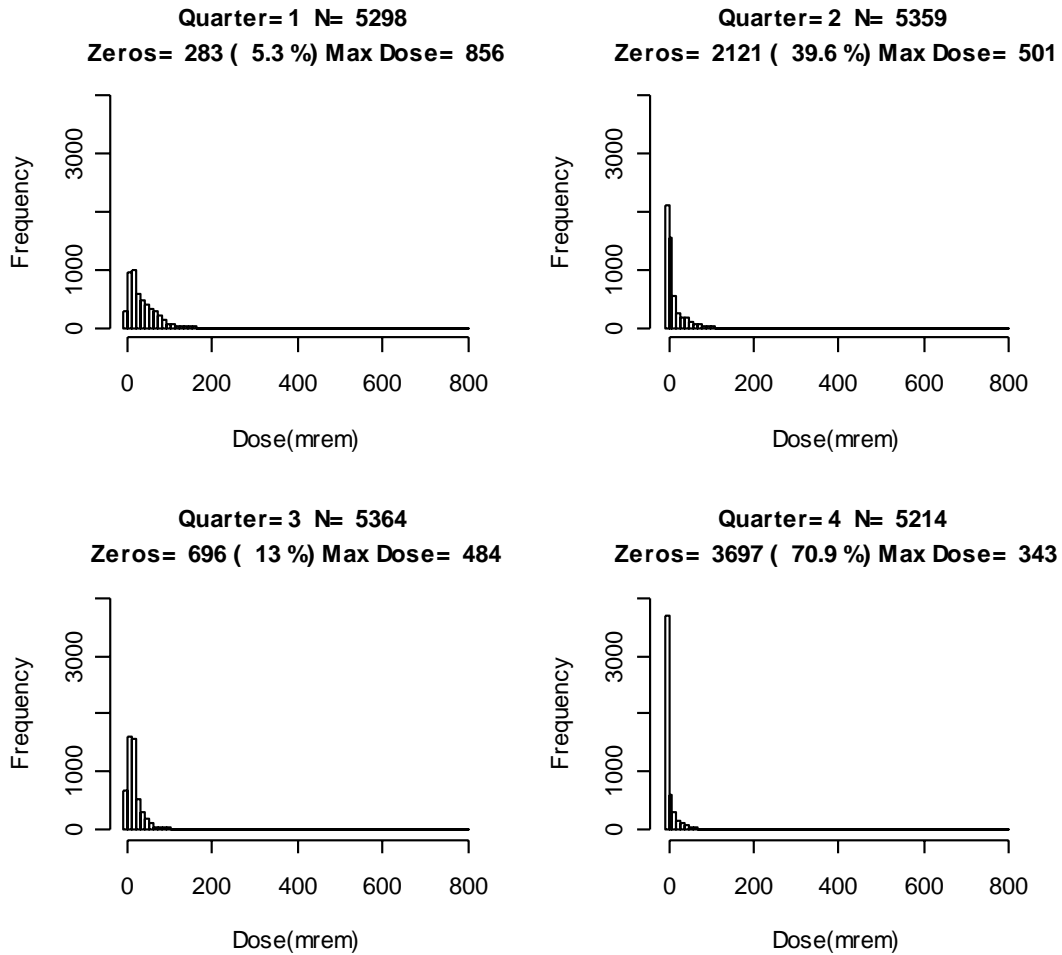
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1973



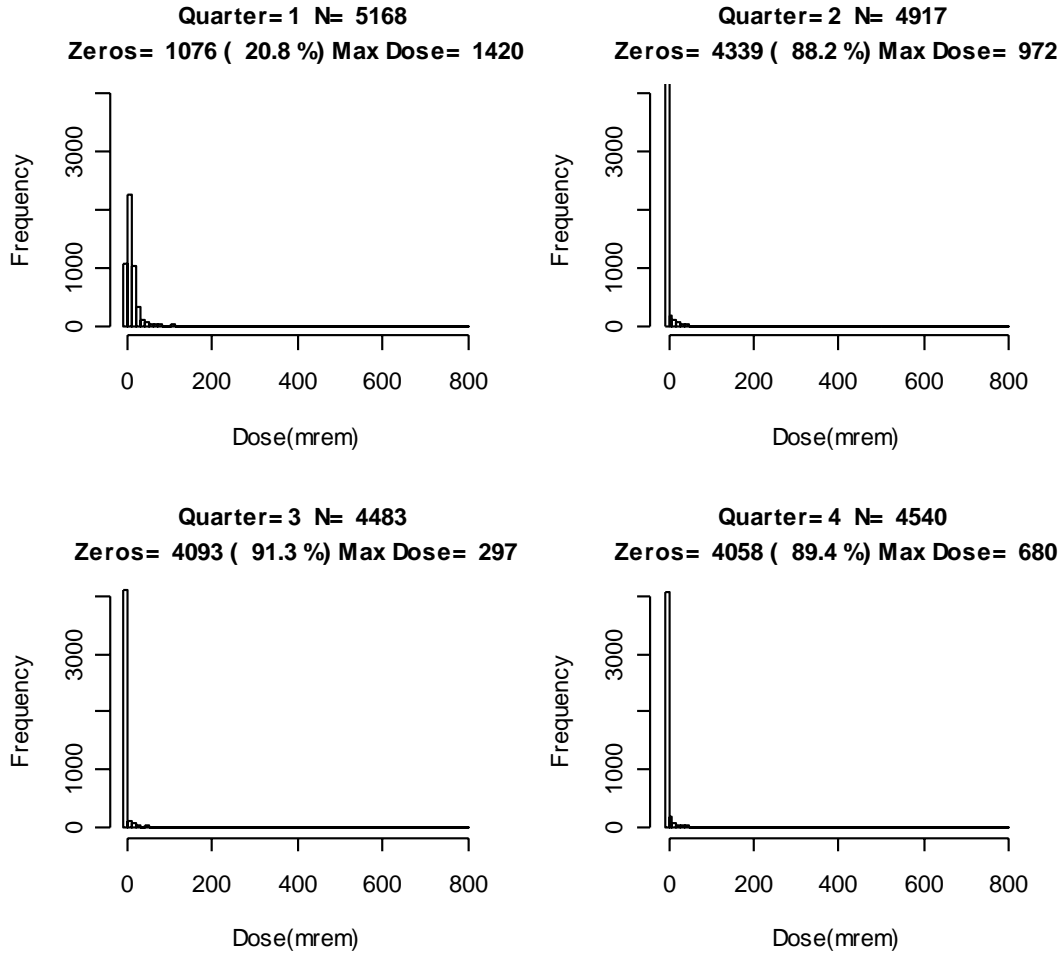
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1974



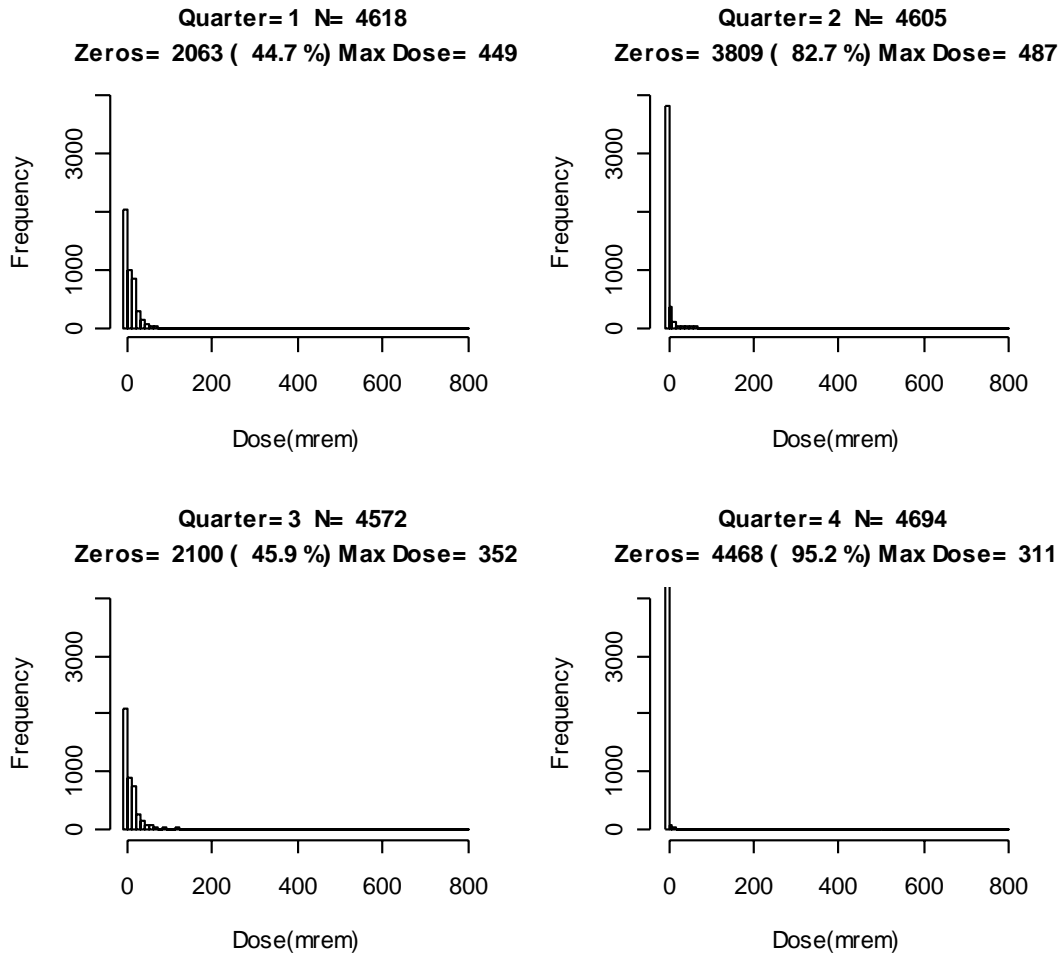
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1975



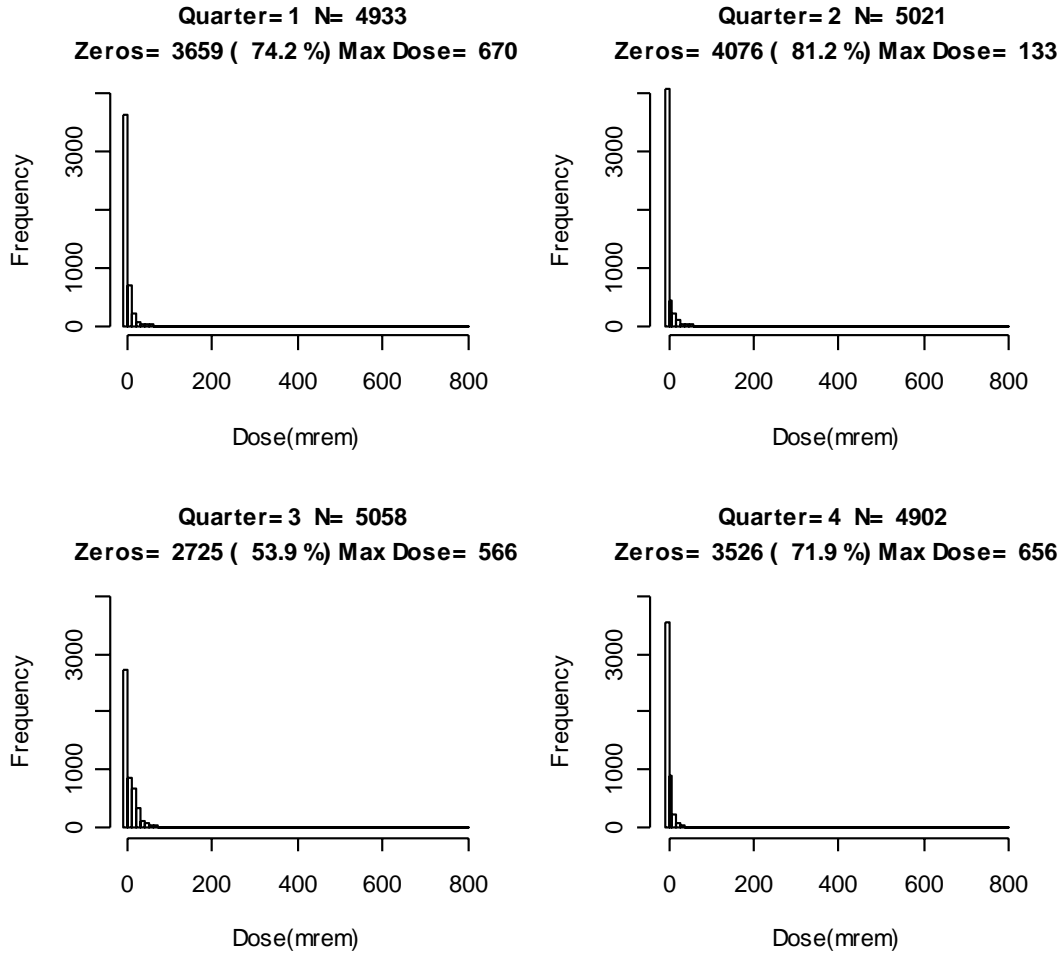
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1976



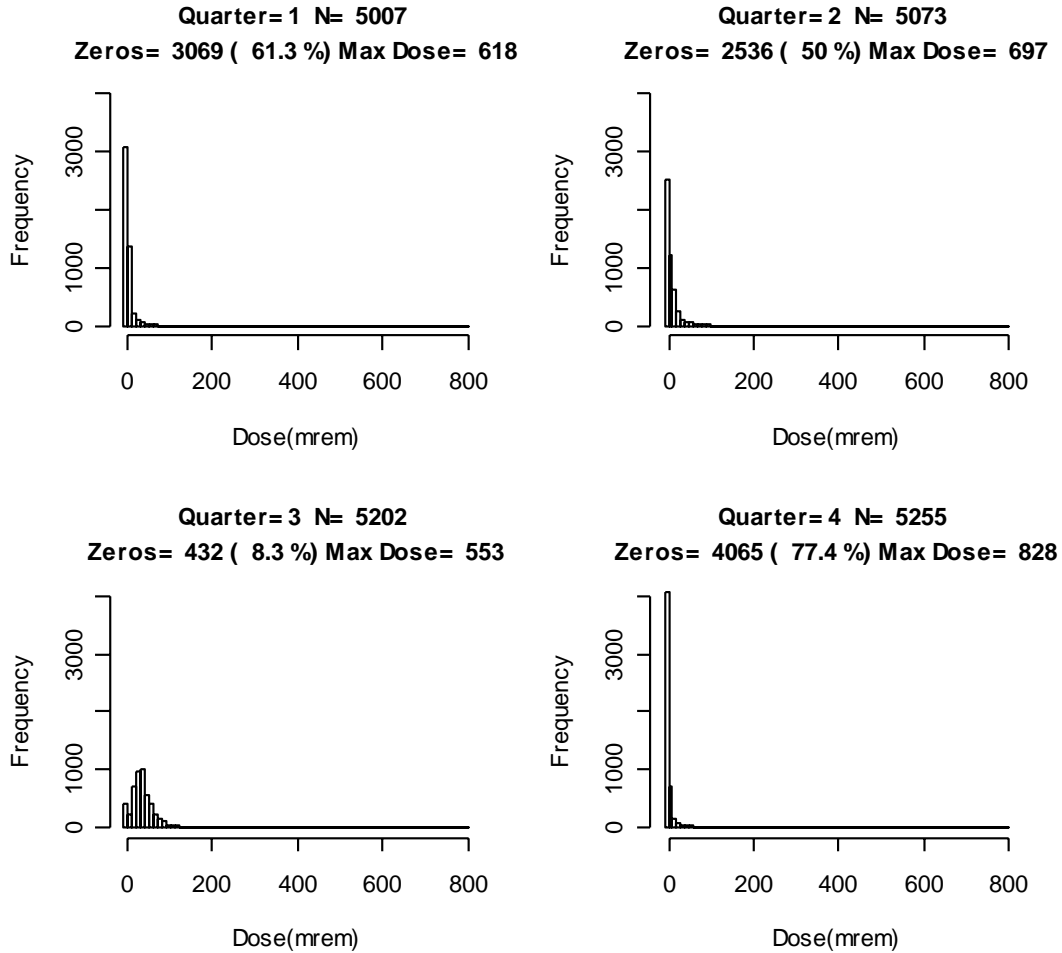
Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1977



Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1978



Note change in vertical scale, frequency or number of workers having dose of a given range. Vertical axis ranges 0 - 100 for 1952-60 and 0 - 4000 for 1961-79 corresponding to policy change in 1961 to monitoring all Y-12 workers for external radiation.

Quarterly Y-12 Film Badge Gamma Dose for 1979

