

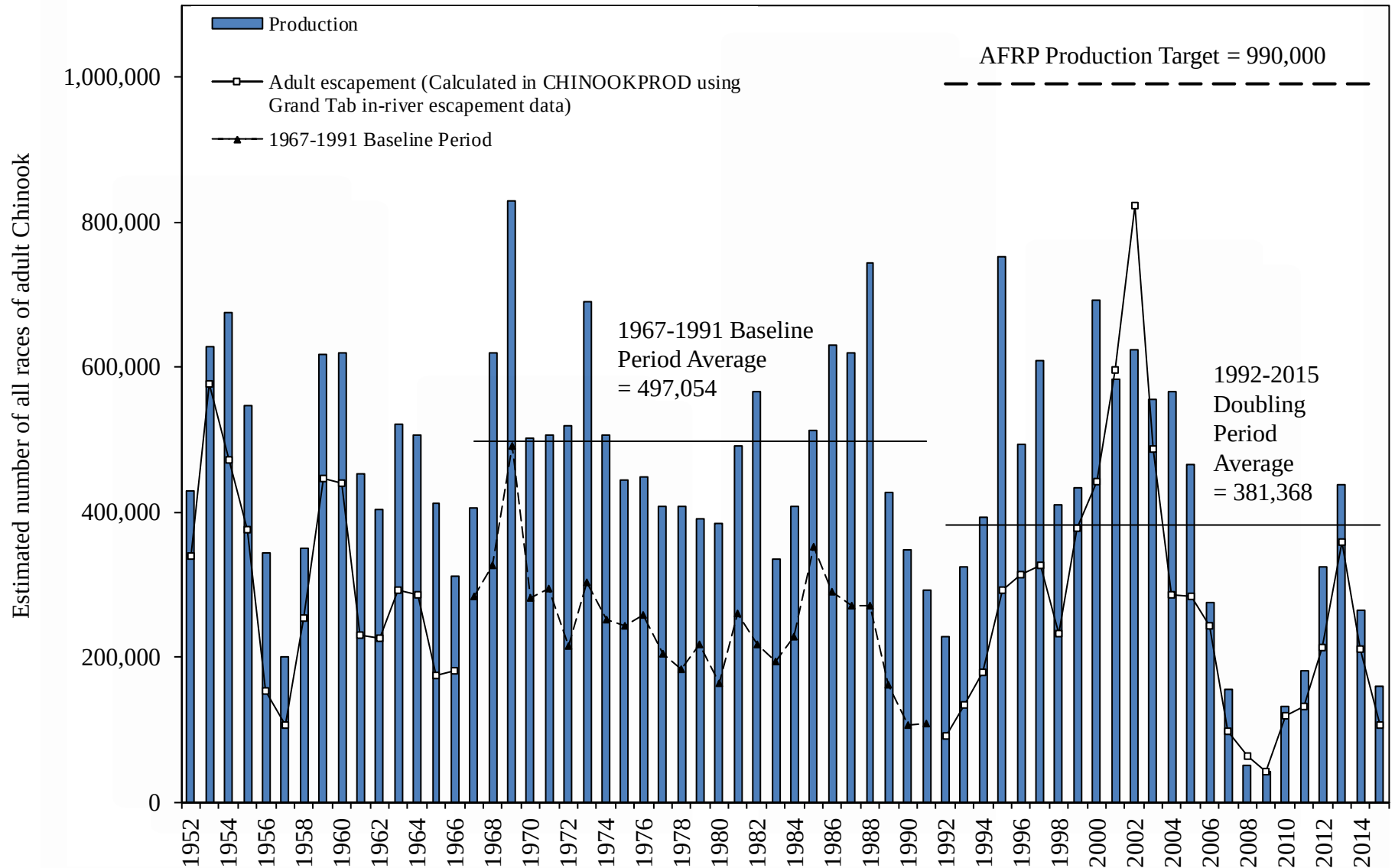


Figure 1. Estimated yearly natural production and in-river escapement of all races of adult Chinook Salmon in the Central Valley rivers and streams. 1952-1966 and 1992-2015 numbers are calculated in CHINOOKPROD using numbers from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

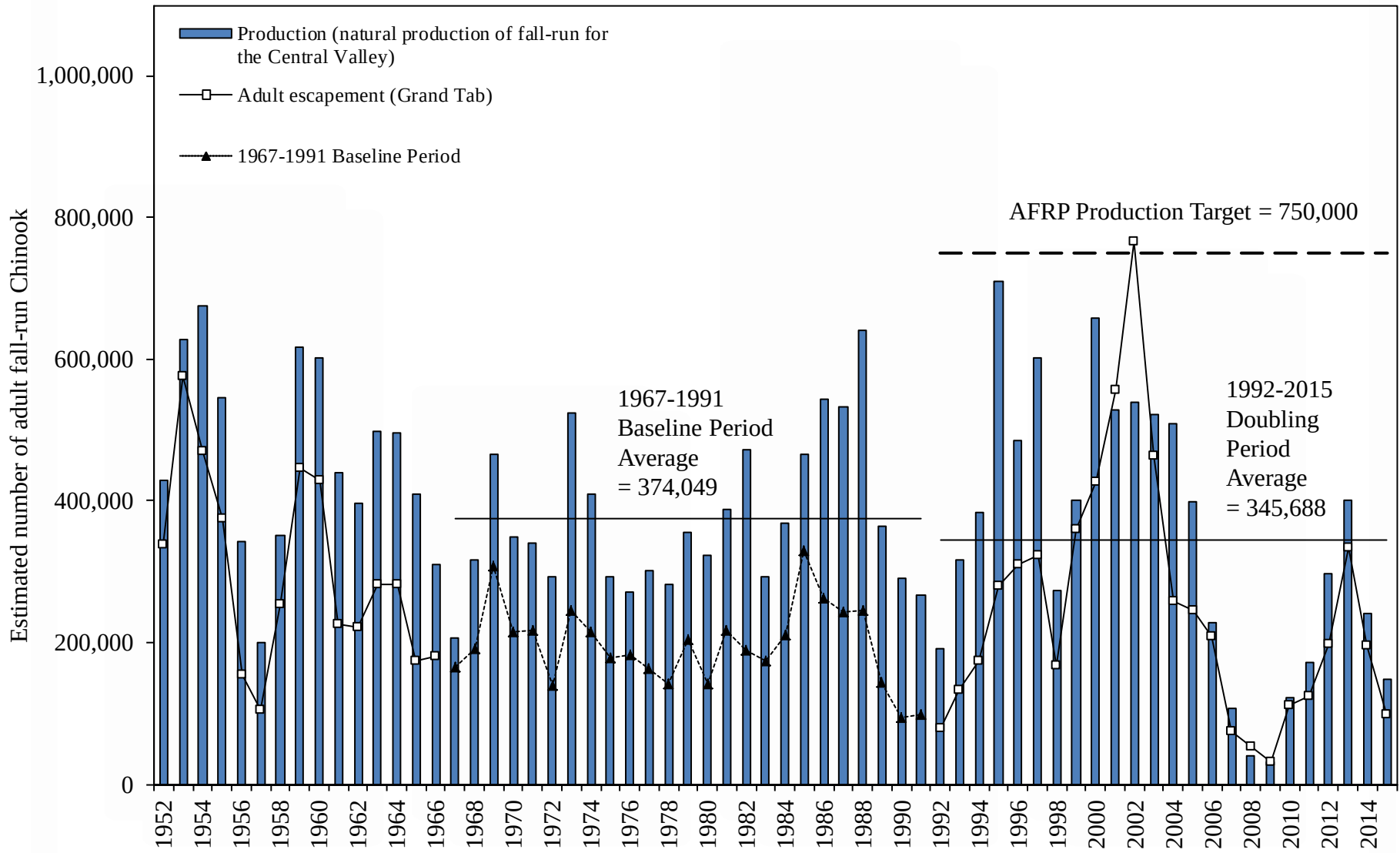


Figure 2. Estimated yearly natural production and in-river escapement of adult fall-run Chinook salmon in the Central Valley rivers and streams. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

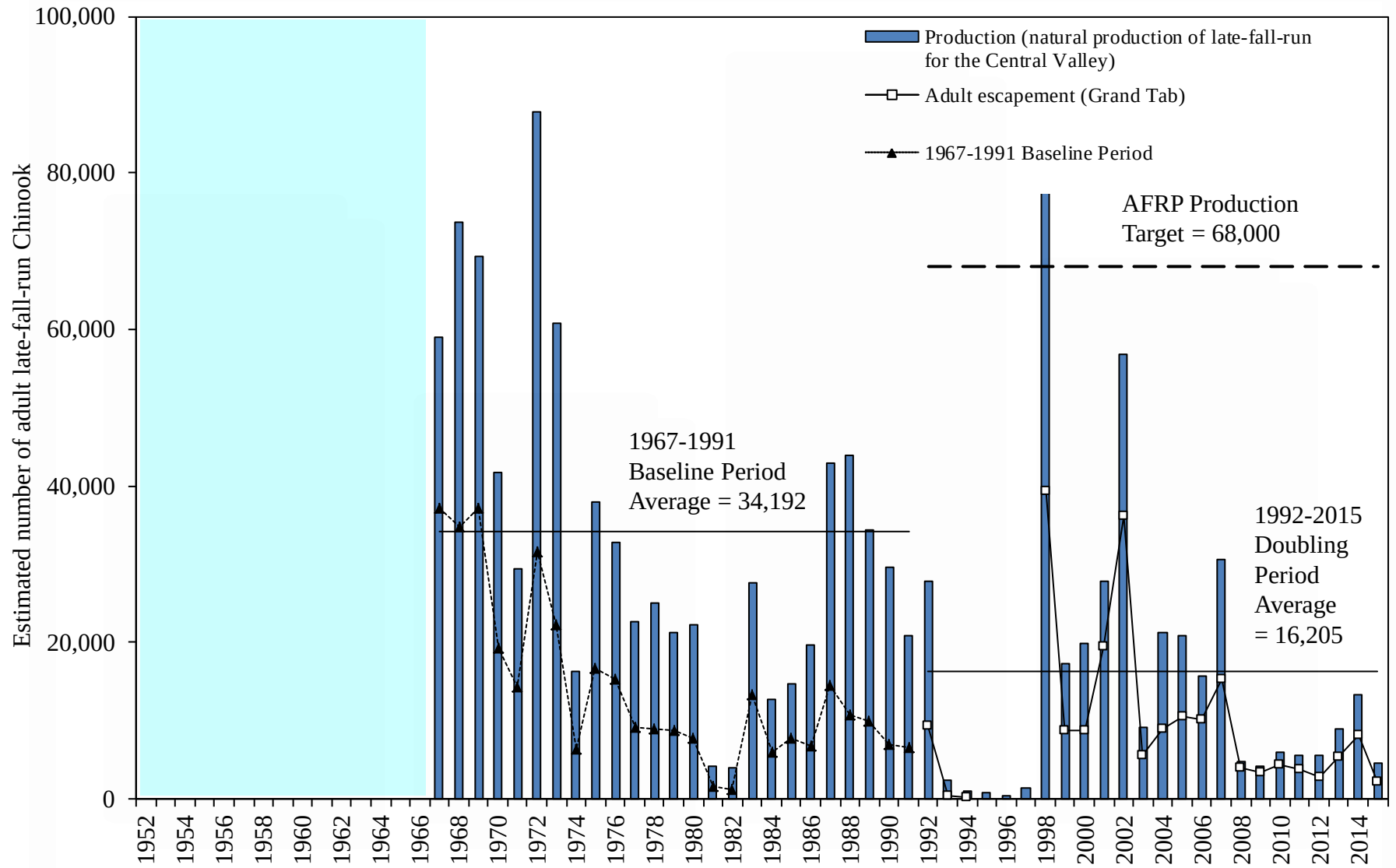


Figure 3. Estimated yearly adult natural production, and in-river adult escapements of late-fall-run Chinook salmon in the Central Valley rivers and streams. = data was not available for 1952-1966. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

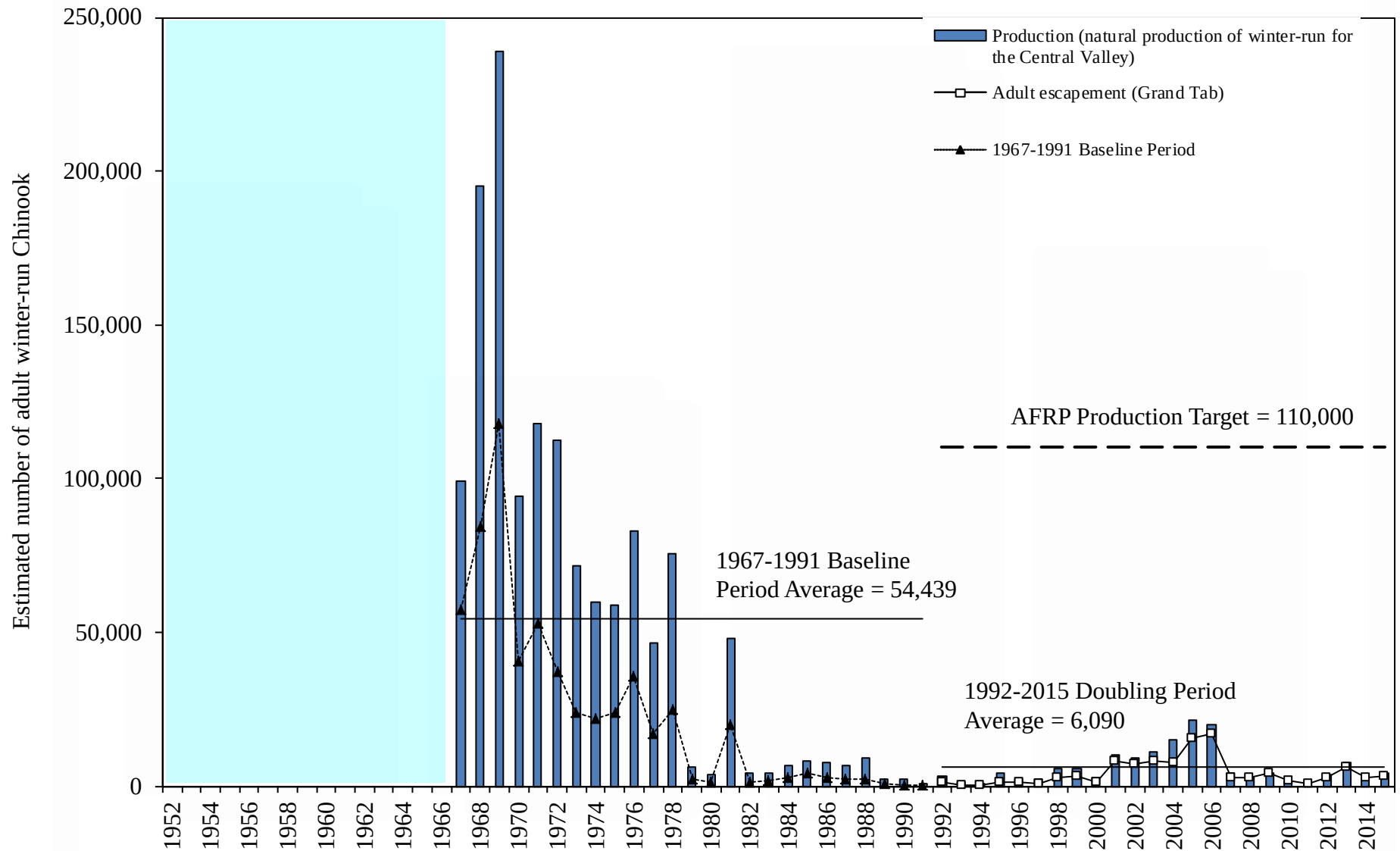


Figure 4. Estimated yearly adult natural production, and in river adult escapements of winter-run Chinook salmon in the Central Valley rivers and streams. = data was not available for 1952-1966. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

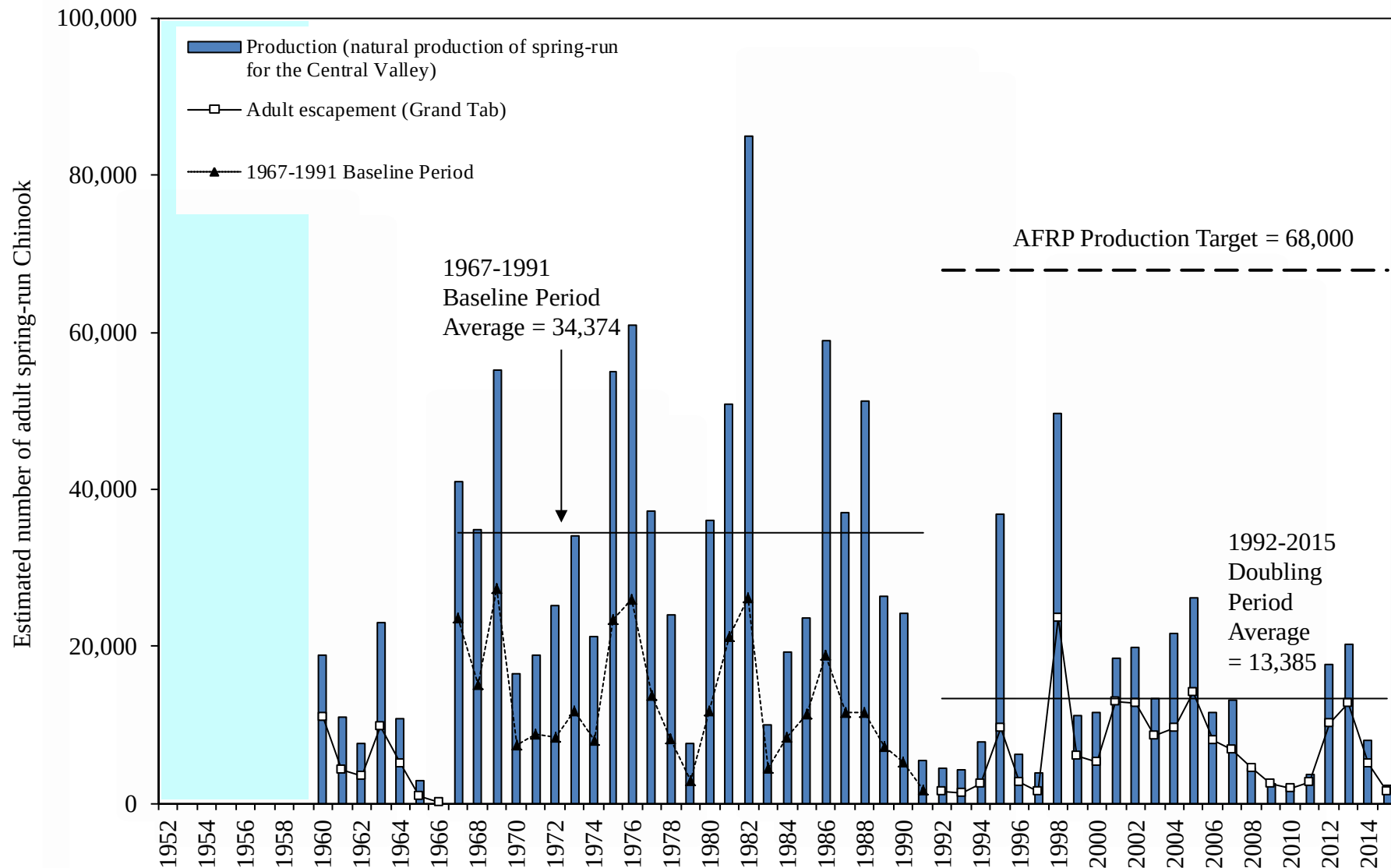


Figure 5. Estimated yearly adult natural production, and in-river adult escapements of spring-run Chinook salmon in the Central Valley rivers and streams. = no data available for 1952-1959. 1960-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period number are from Mills and Fisher (CDFG, 1994).

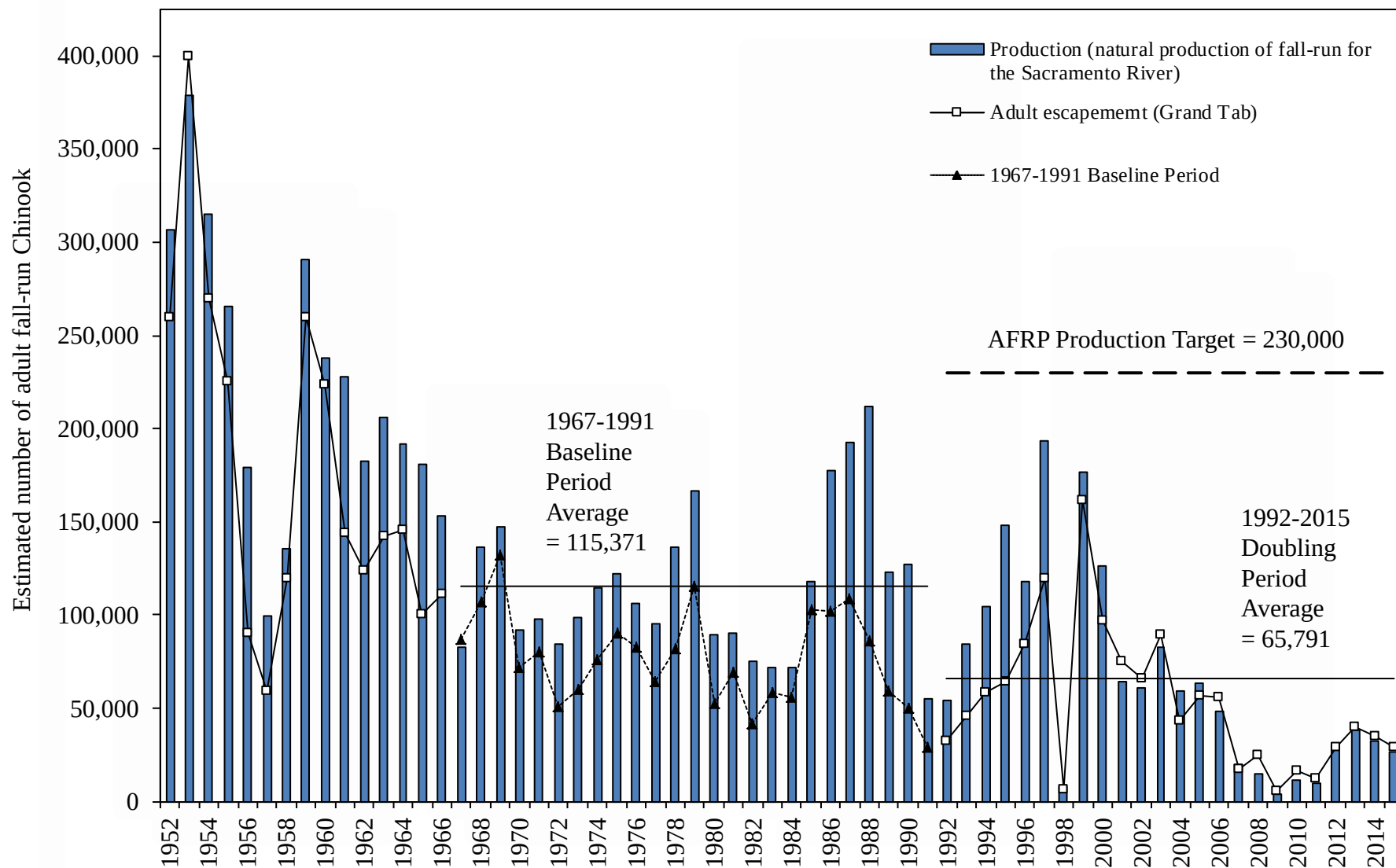


Figure 6. Estimated yearly adult natural production, and in-river adult escapements for the entire mainstem Sacramento River fall-run Chinook salmon. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

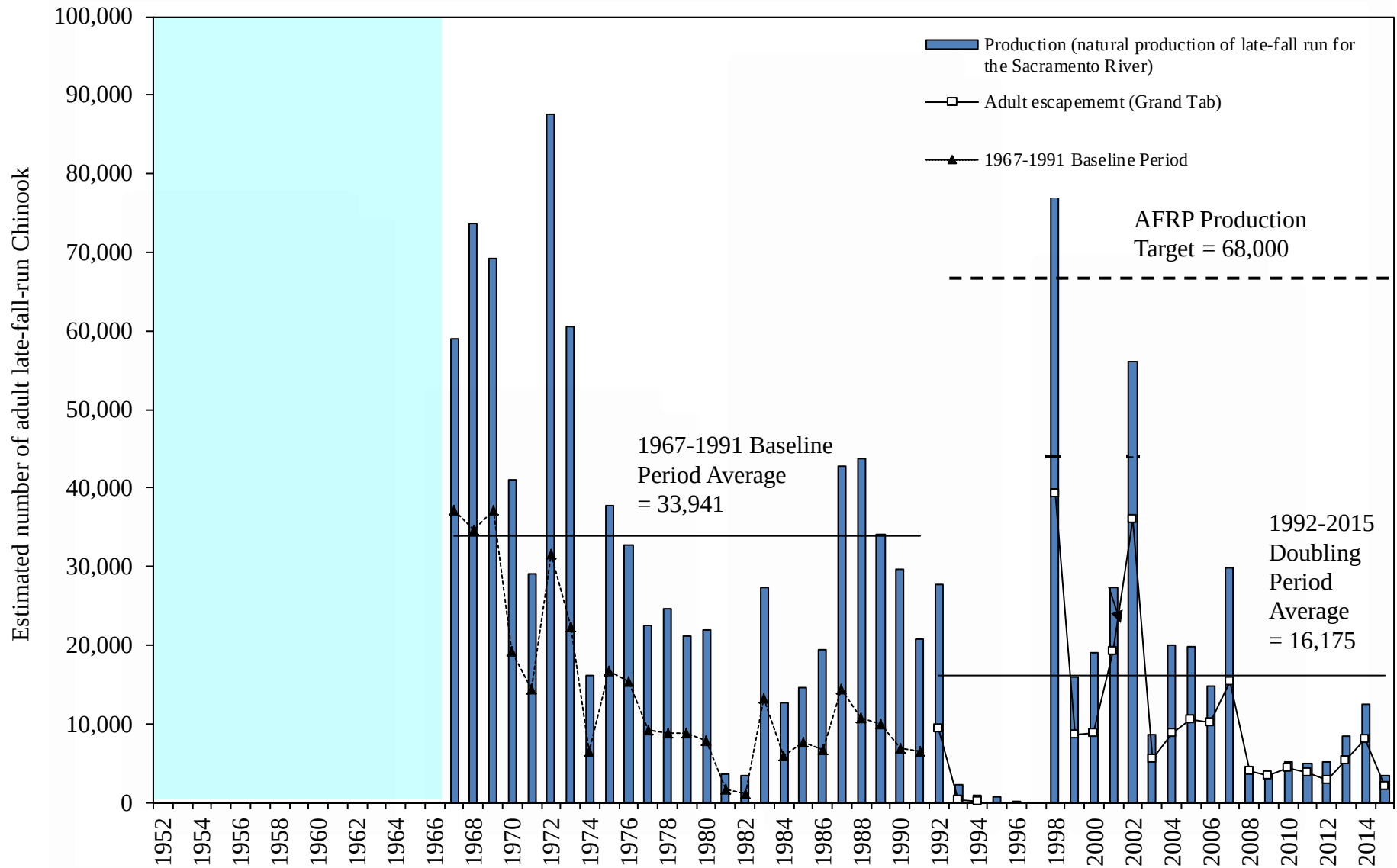


Figure 7. Estimated yearly adult natural production, and in-river adult escapements for above RBDD mainstem Sacramento River late-fall-run Chinook salmon. = no data available for 1952-1966. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

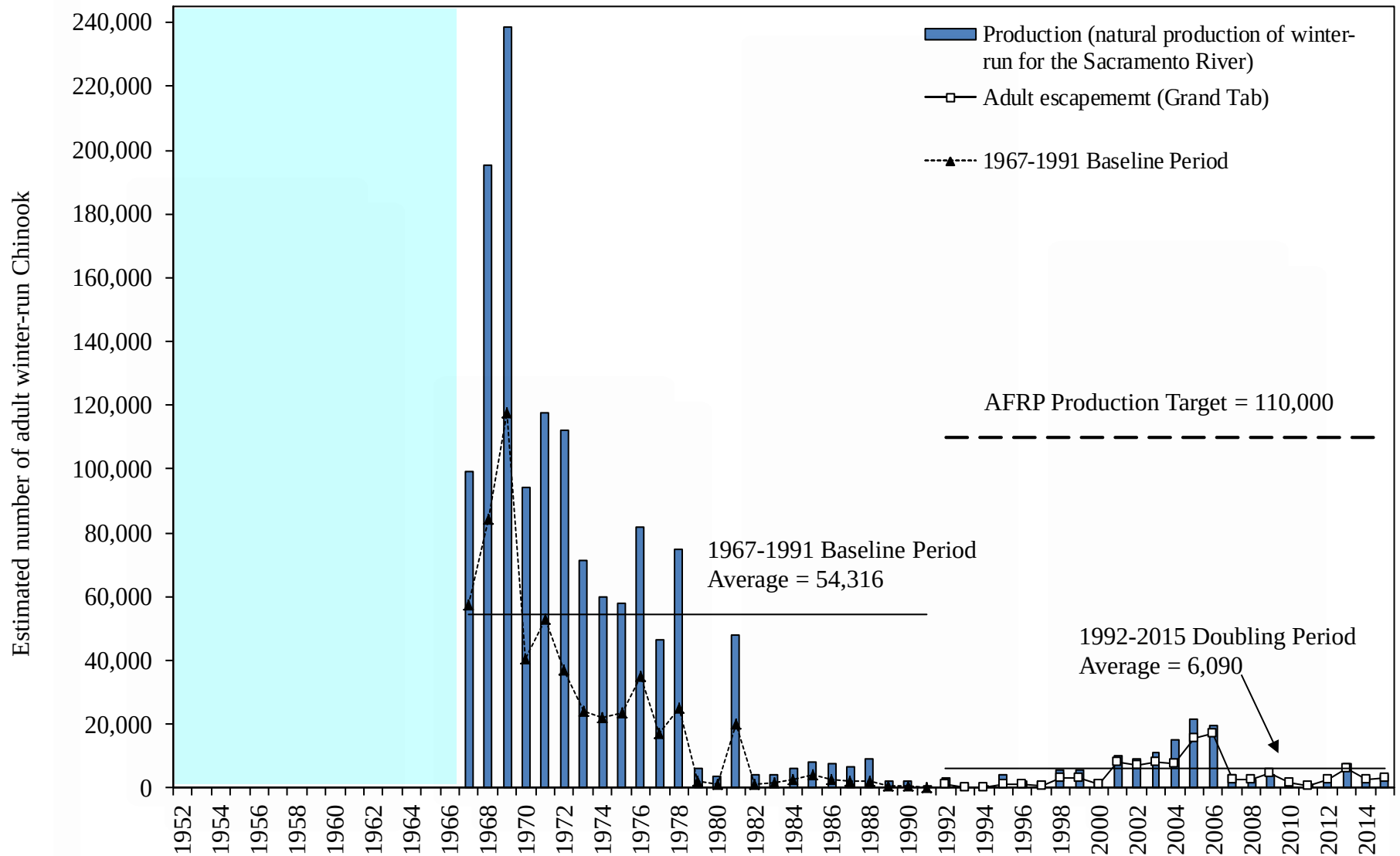


Figure 8. Estimated yearly adult natural production, and in river adult escapements for above RBDD mainstem Sacramento River winter-run Chinook salmon. = no data available for 1952-1966. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

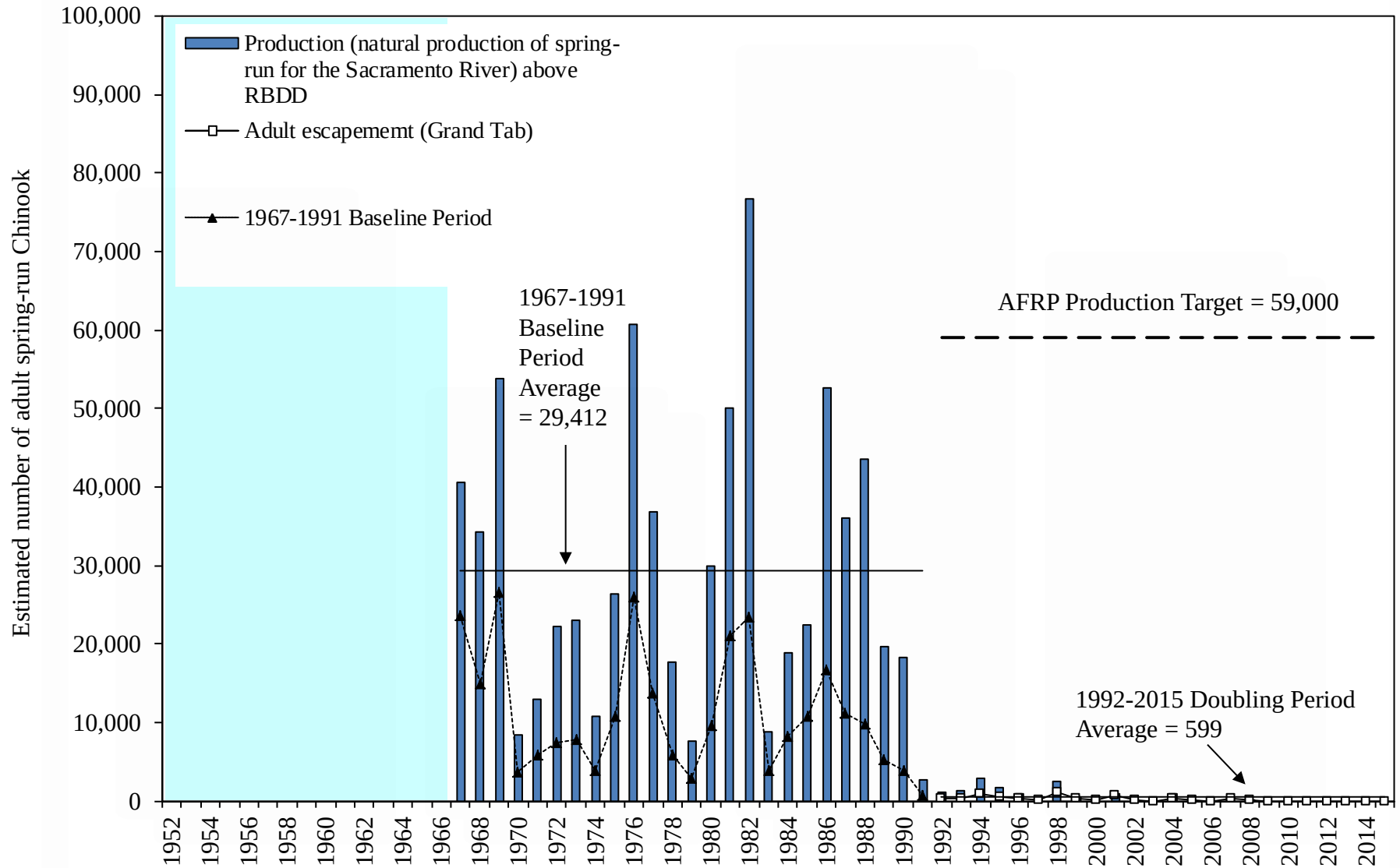


Figure 9. Estimated yearly adult natural production, and in river adult escapements for above RBDD mainstem Sacramento River spring-run Chinook salmon. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

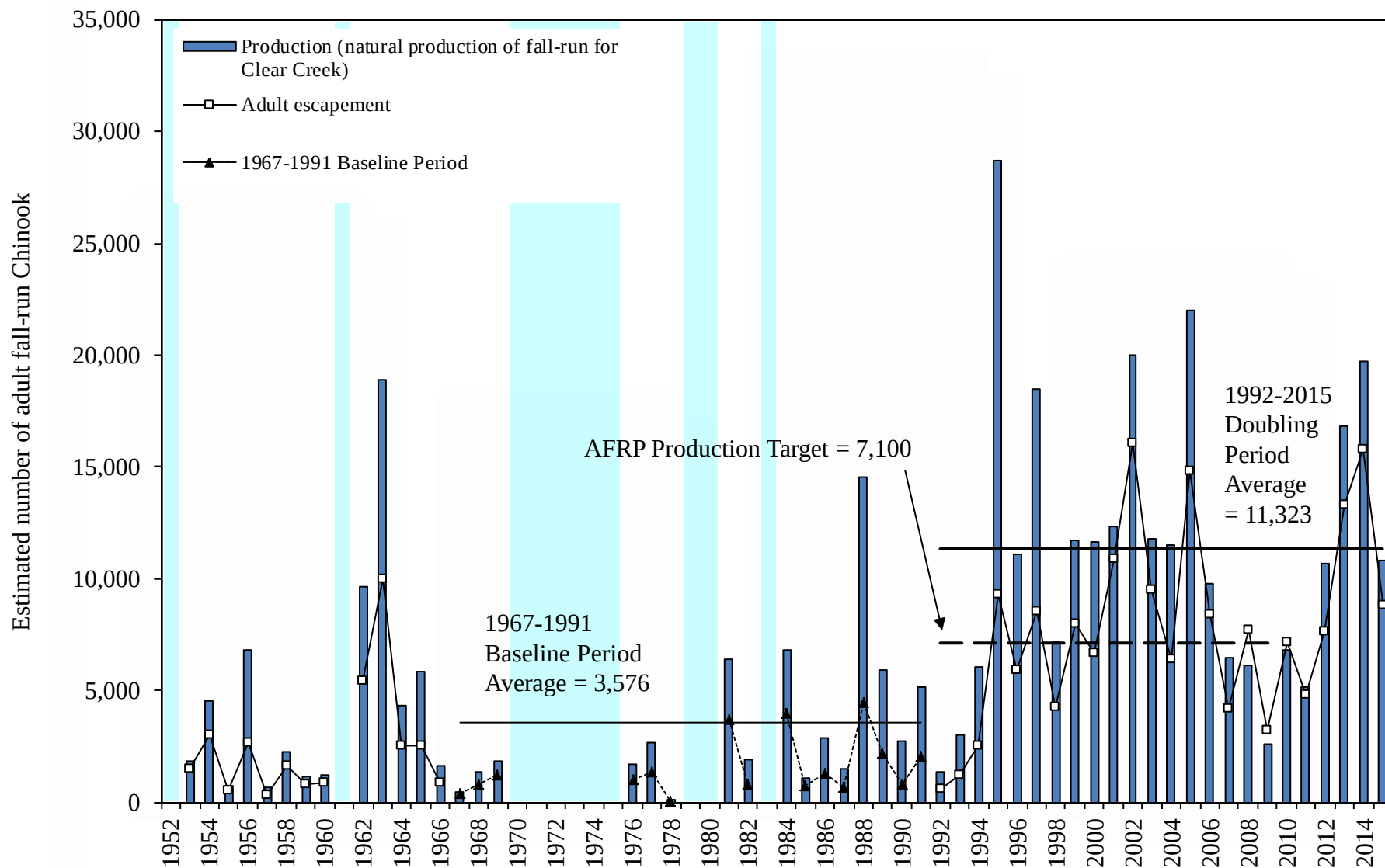


Figure 10. Estimated yearly adult natural production, and in river adult escapements of Clear Creek fall-run Chinook salmon.
 = data was not available for 1952, 1961, 1970-1975, 1979-1980, 1983. 1953-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

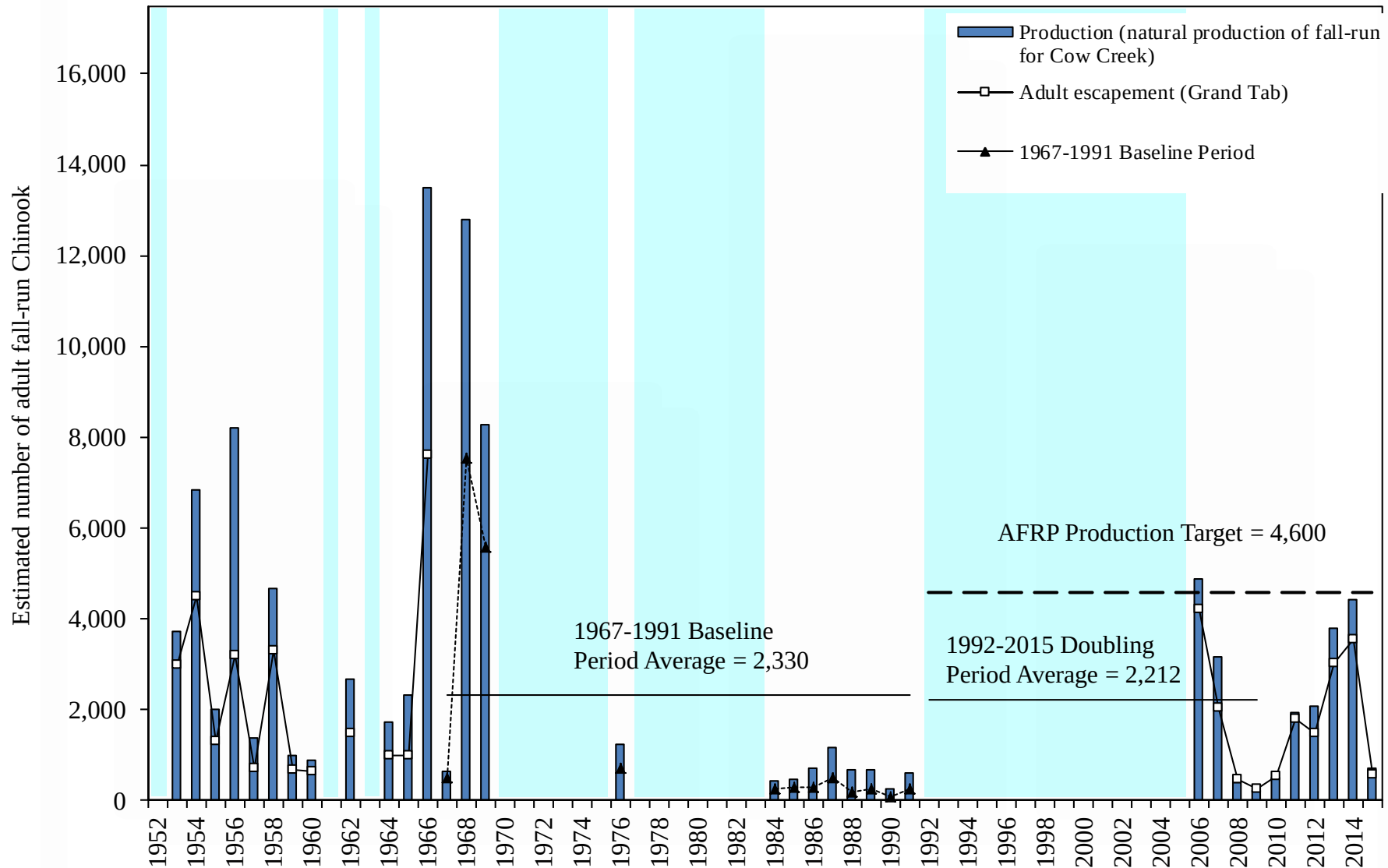


Figure 11. Estimated yearly natural production, and in river escapements of Cow Creek adult fall-run Chinook salmon.

□ = data was not available for 1952, 1961, 1963, 1970-1975, 1977-1983, and 1992-2005. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

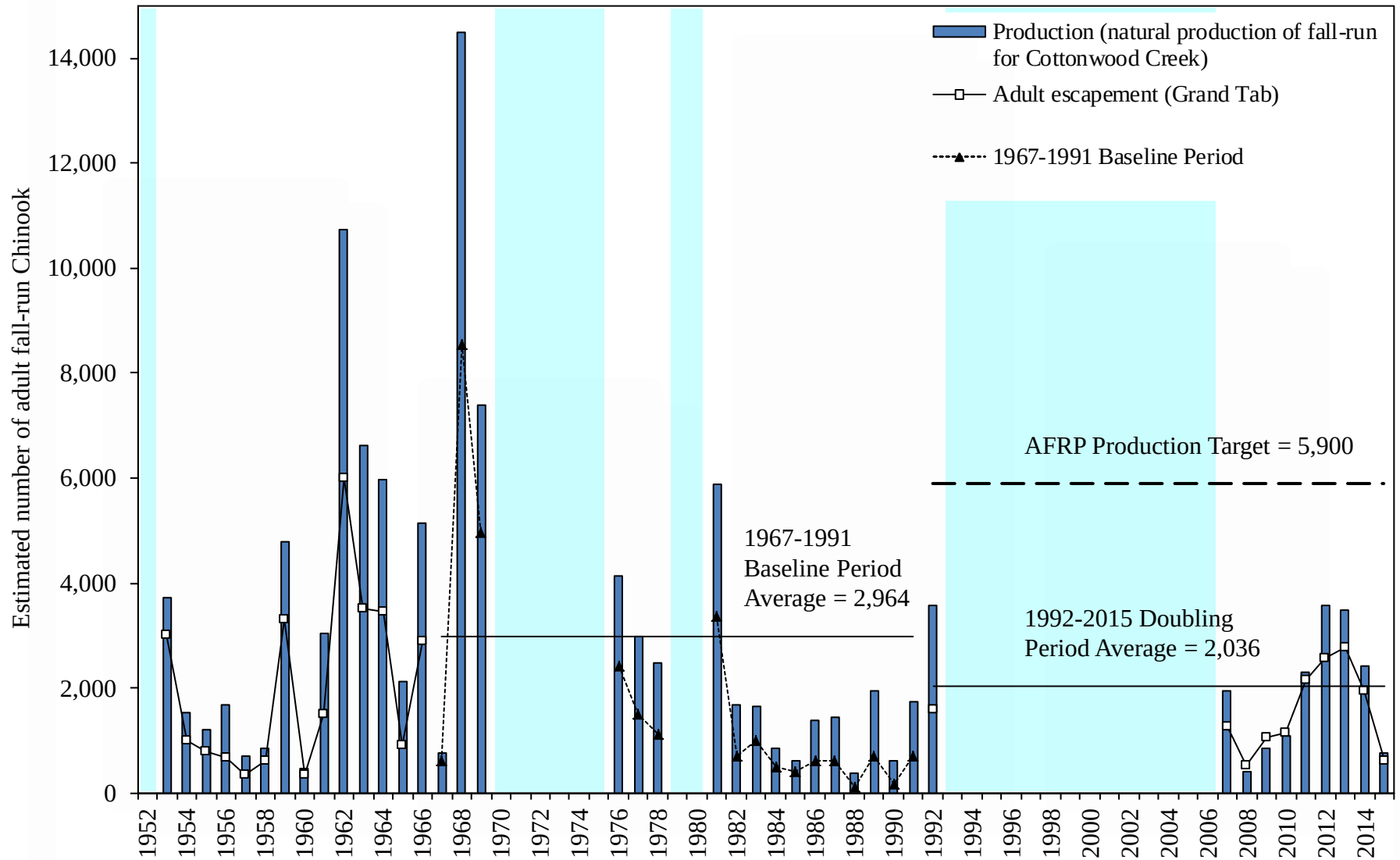


Figure 12. Estimated yearly adult natural production, and in river adult escapements of Cottonwood Creek fall-run Chinook salmon.

■ = data was not available for 1952, 1970-1975, 1979-1980 and 1993-2006. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

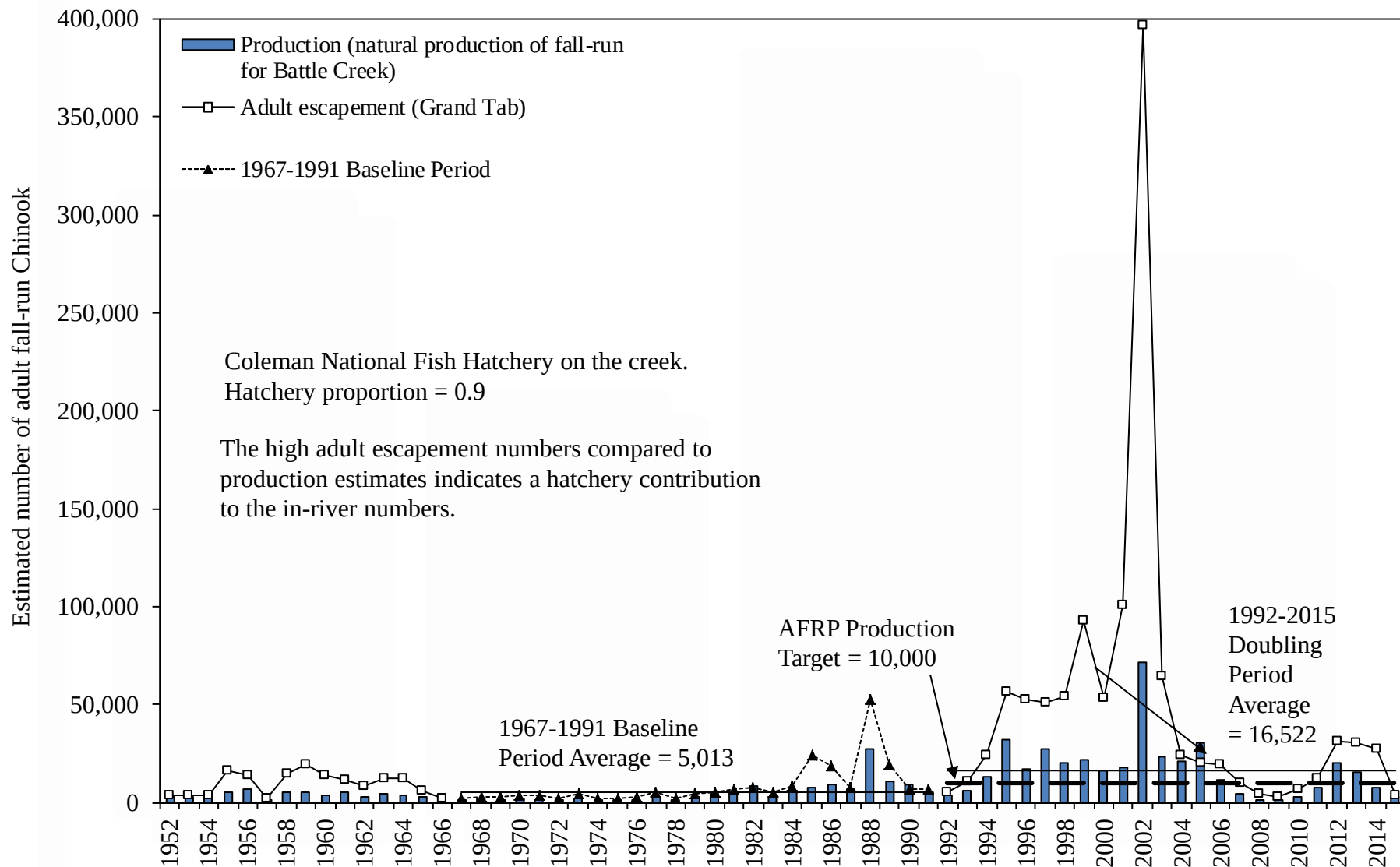


Figure 13. Estimated yearly natural production, and in river escapements of Battle Creek adult fall-run Chinook salmon. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

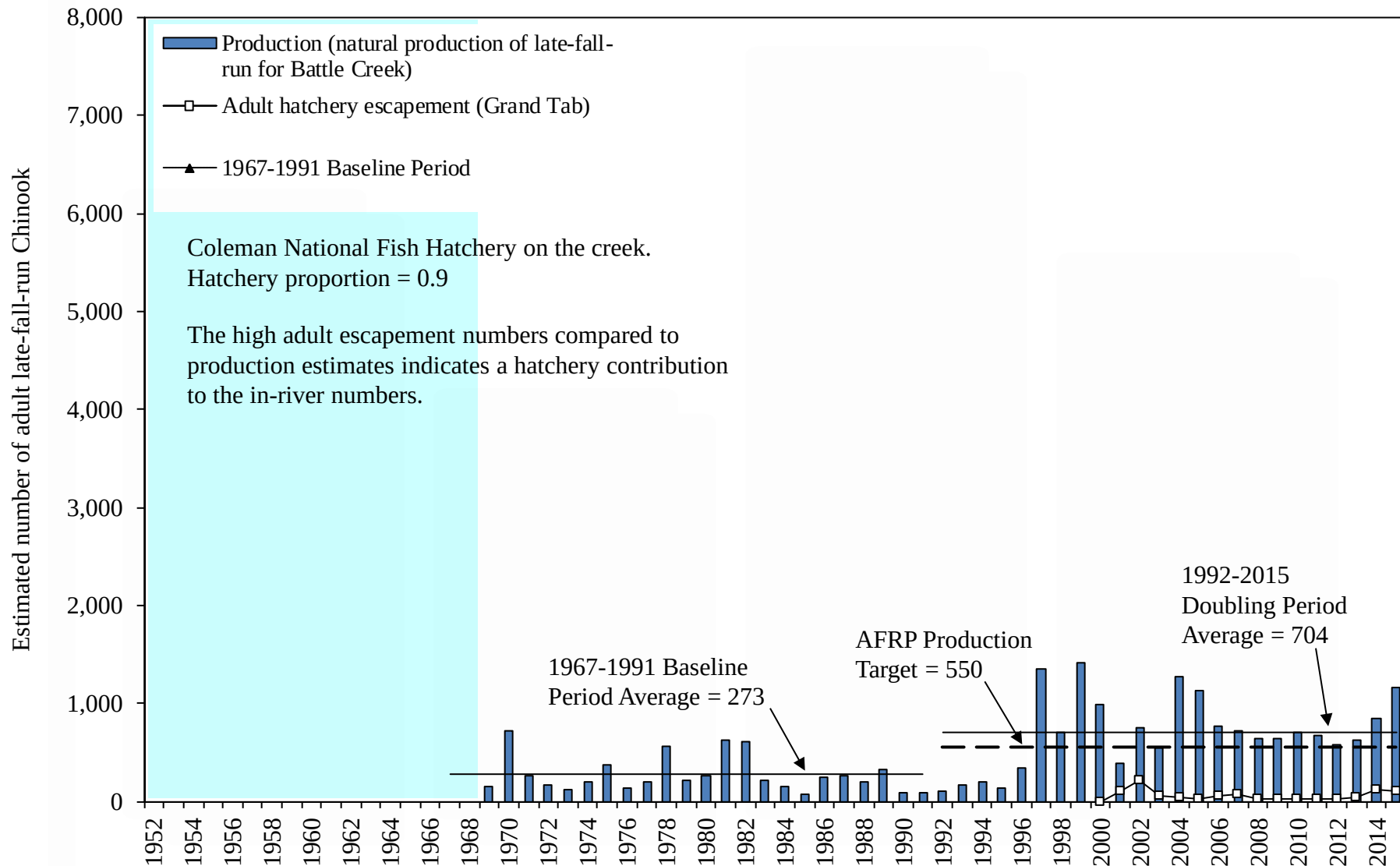


Figure 14. Estimated yearly natural production calculated from hatchery returns (in river returns were available starting in 2000), and hatchery returns of Battle Creek adult late-fall-run Chinook salmon. 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016).
 = data was not available for 1952-1968. 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

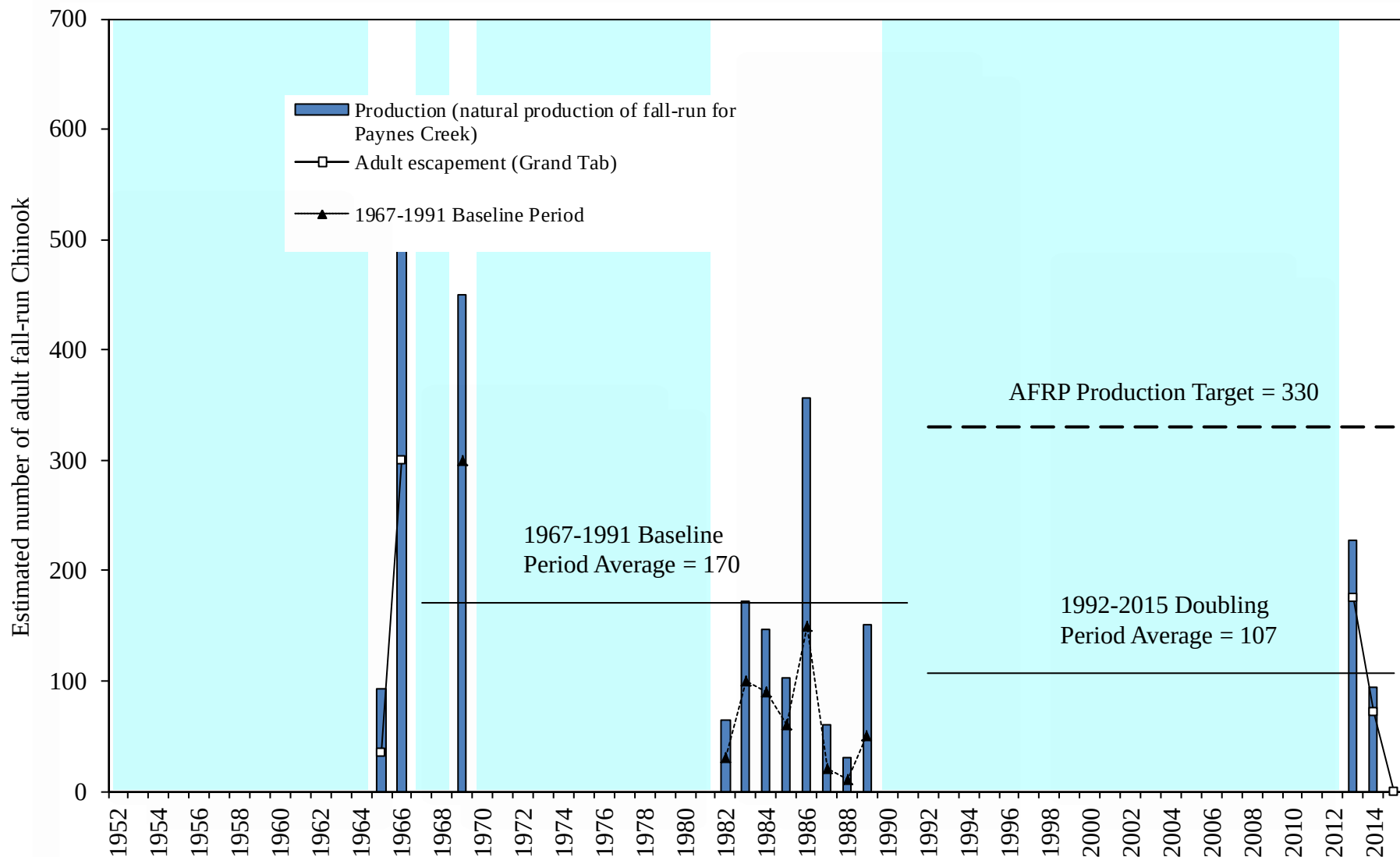


Figure 15. Estimated yearly natural production, and in river escapements of Paynes Creek adult fall-run Chinook salmon.

□ = data was not available for 1952-1964, 1967-1968, 1970-1981, and 1990-2012. 1982-1984 and 2013-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

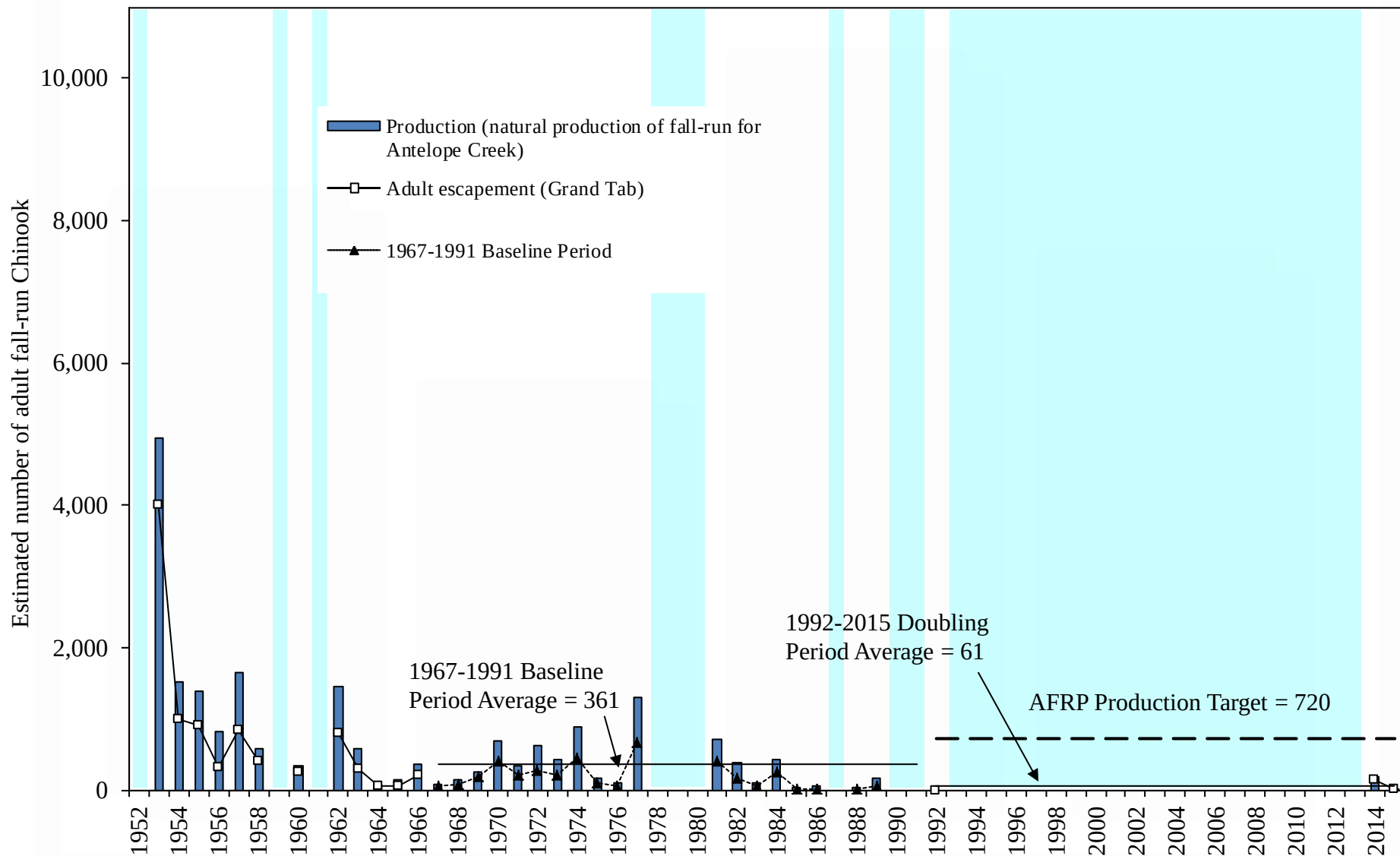


Figure 16. Estimated yearly natural production, and in river escapements of Antelope Creek adult fall-run Chinook salmon.

□ = data was not available for 1952, 1959, 1961, 1978-1980, 1987, 1990-1991, and 1993-2013. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

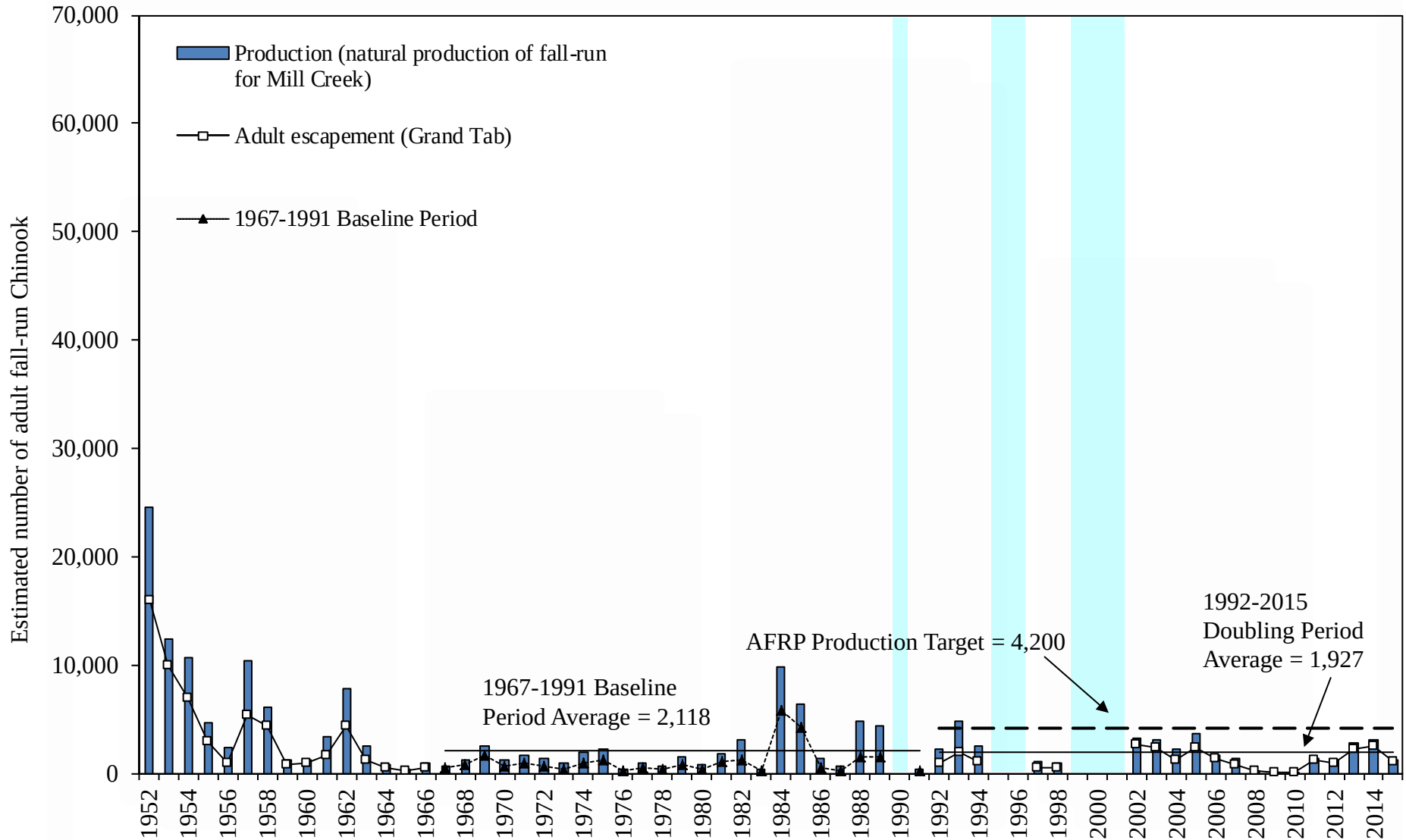


Figure 17. Estimated yearly natural production, and in river escapements of Mill Creek adult fall-run Chinook salmon.

■ = data was not available for 1990, 1995-1996, and 1999-2001. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

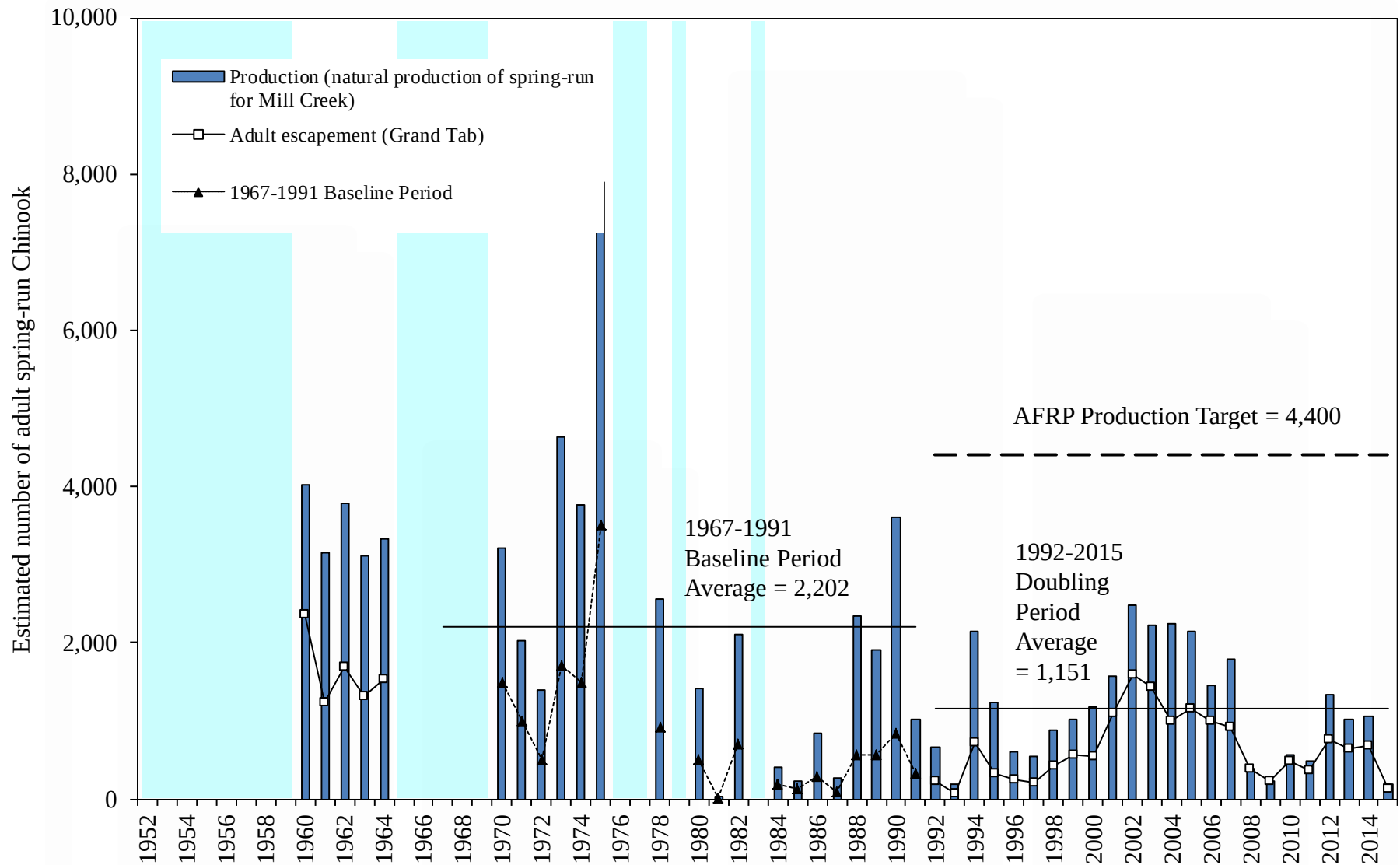


Figure 18. Estimated yearly natural production, and in river escapements of Mill Creek adult spring-run Chinook salmon.
 = data was not available for 1952-1959, 1965-1969, 1976-1977, 1979, and 1983. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

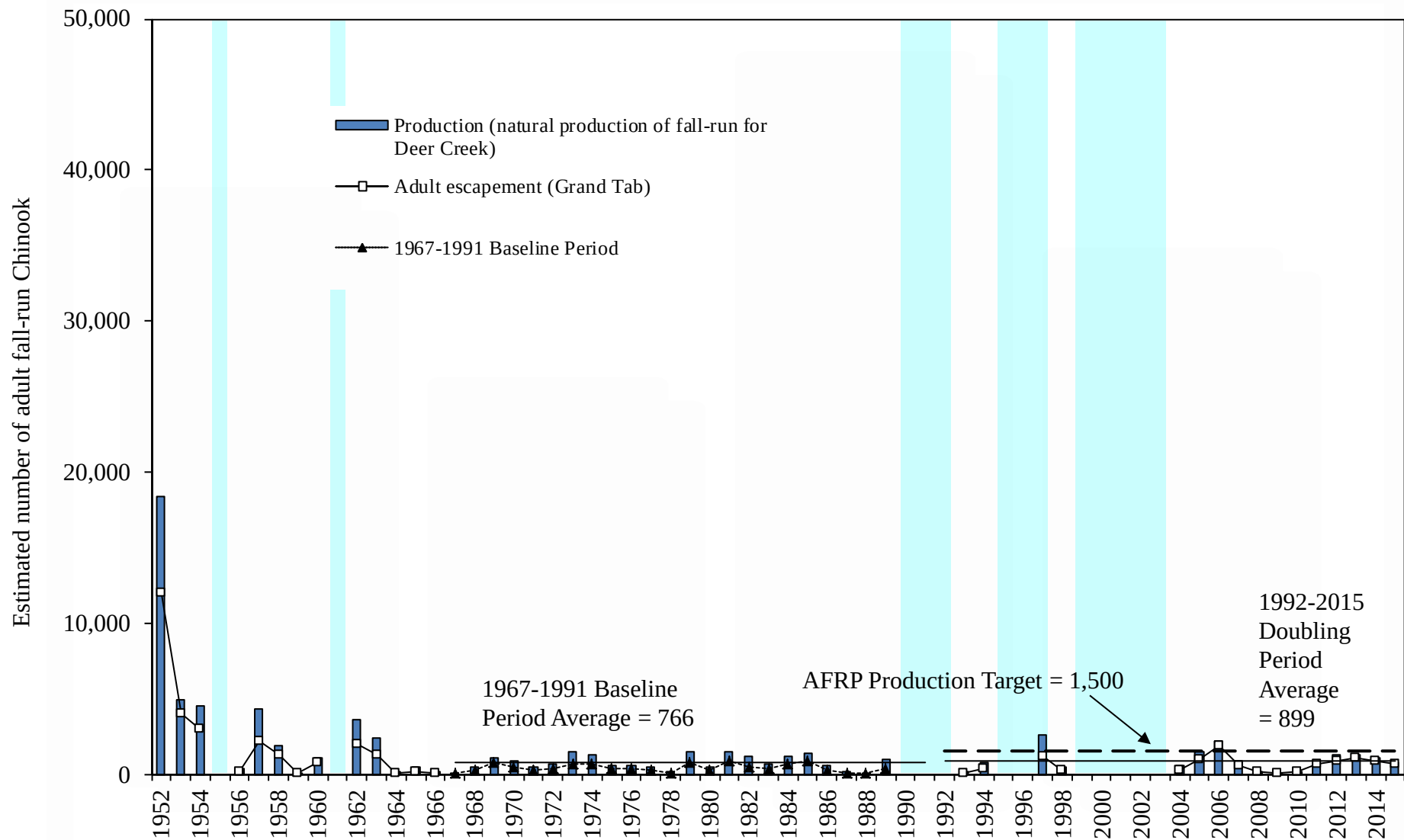


Figure 19. Estimated yearly natural production, and in river escapements of Deer Creek adult fall-run Chinook salmon.

□ = data was not available for 1955, 1961, 1990-1992, 1995-1996, and 1999-2003. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

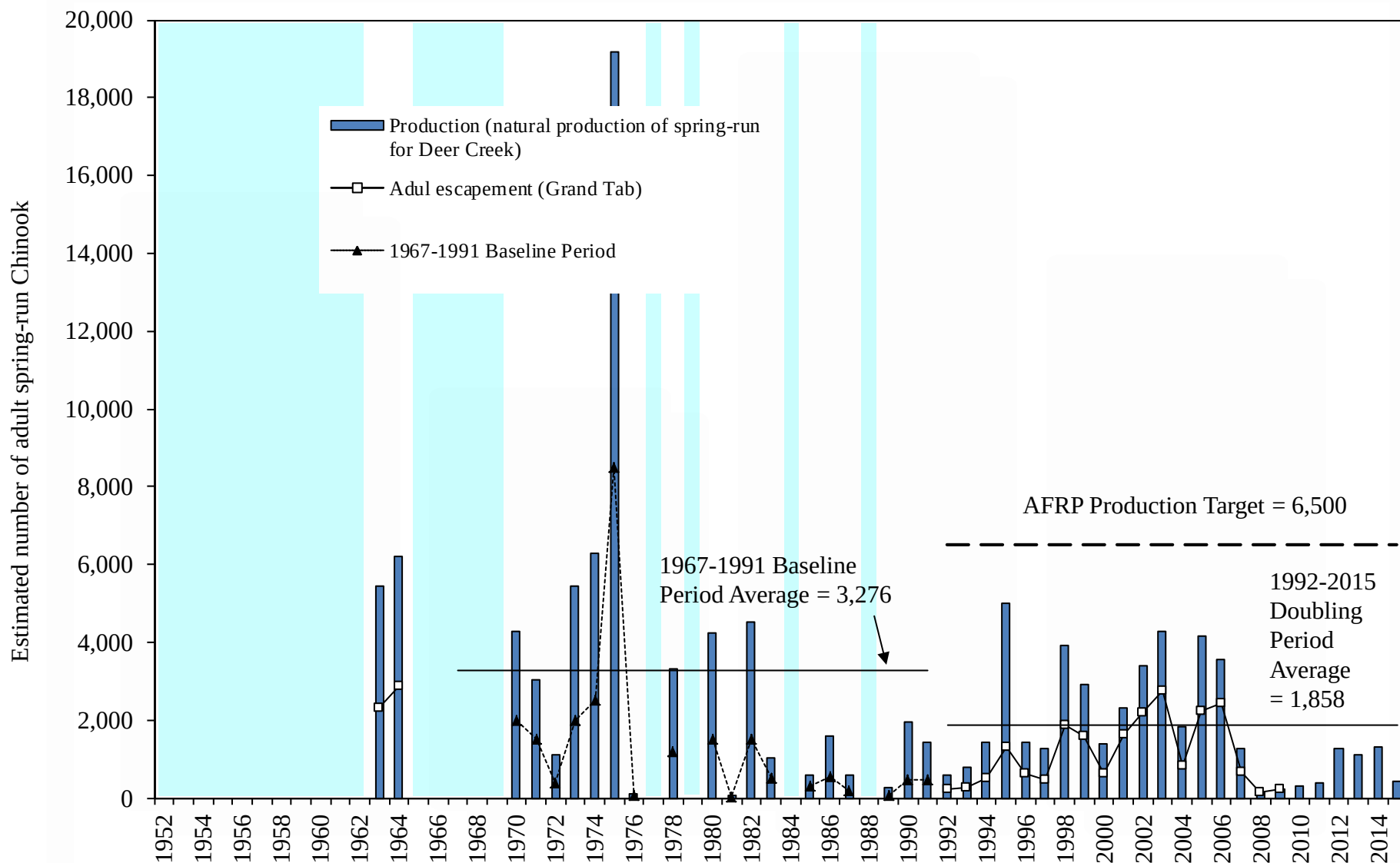


Figure 20. Estimated yearly natural production, and in river escapements of Deer Creek adult spring-run Chinook salmon.

□ = data was not available for 1952-1962, 1965-1969, 1977, 1979, 1984, and 1988. 1952-1966, and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

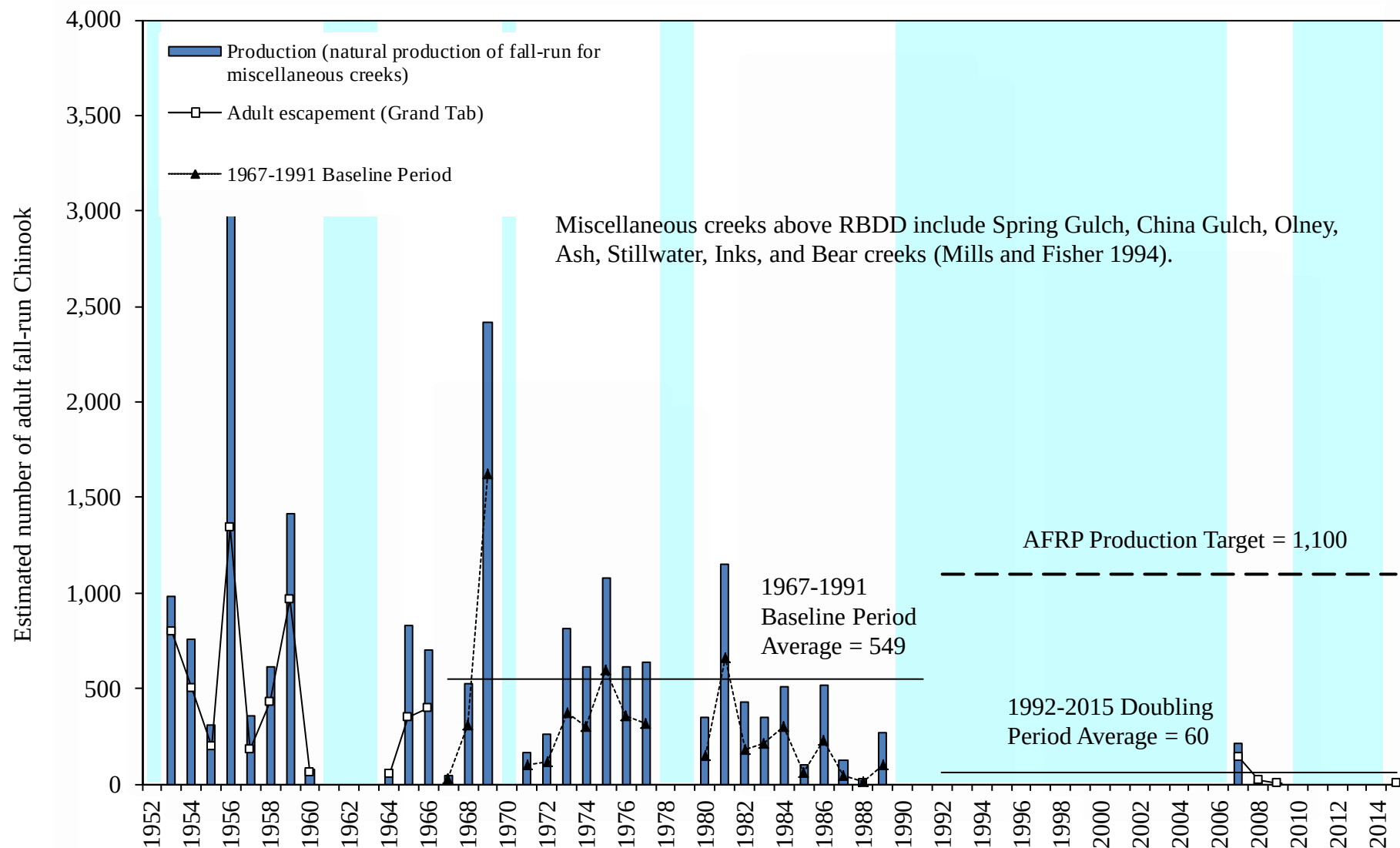


Figure 21. Estimated yearly natural production of miscellaneous creeks adult fall-run Chinook salmon above RBDD.

□ = data was not available for 1952, 1961-1963, 1970, 1978-1979, 1990-2006, and 2010-2014. 1952-1966 and 2009 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

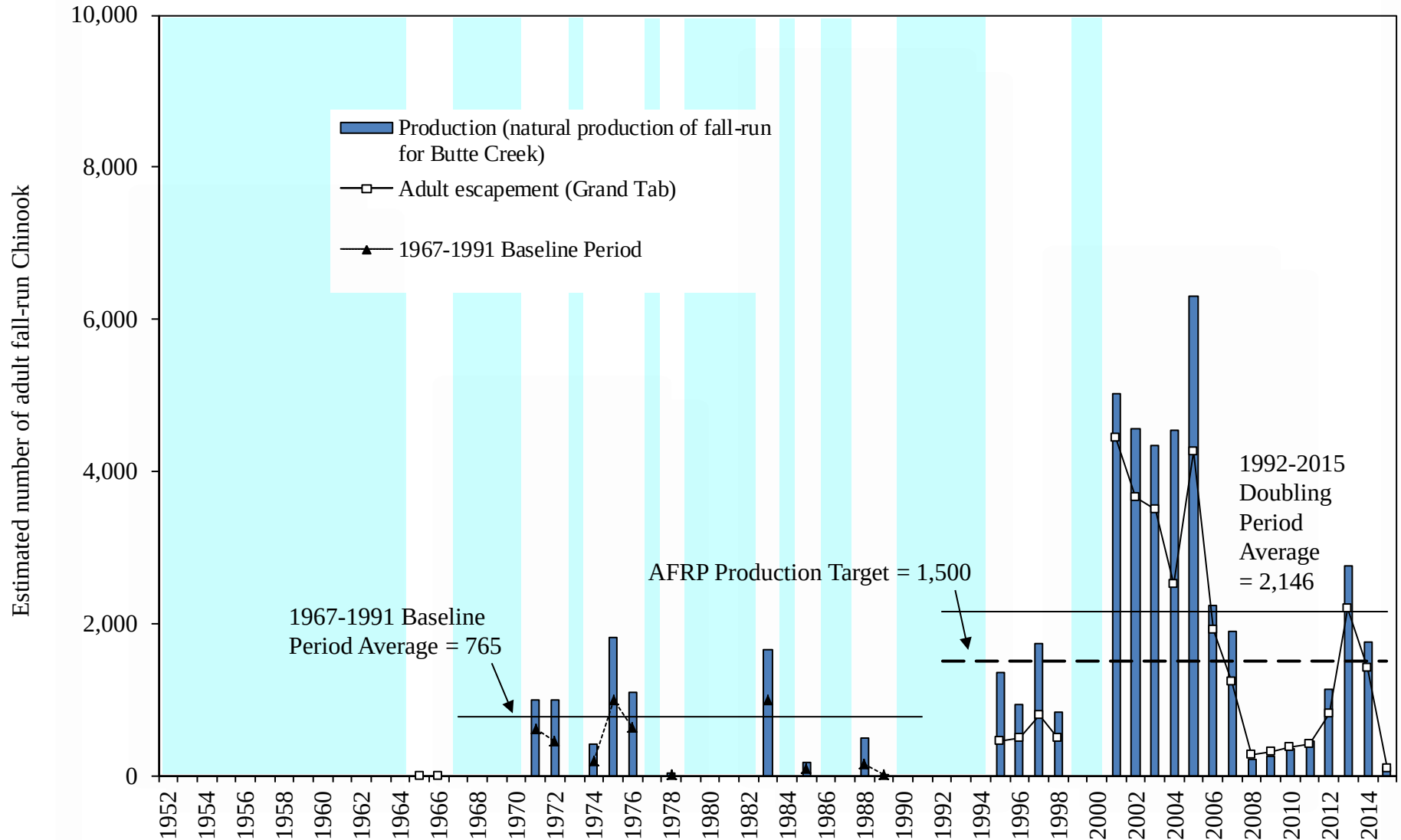


Figure 22. Estimated yearly natural production, and in river escapements of Butte Creek adult fall-run Chinook salmon.

□ = data was not available for 1952-1964, 1967-1970, 1973, 1977, 1979-1982, 1984, 1986-1987, 1990-1994, and 1999-2000. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

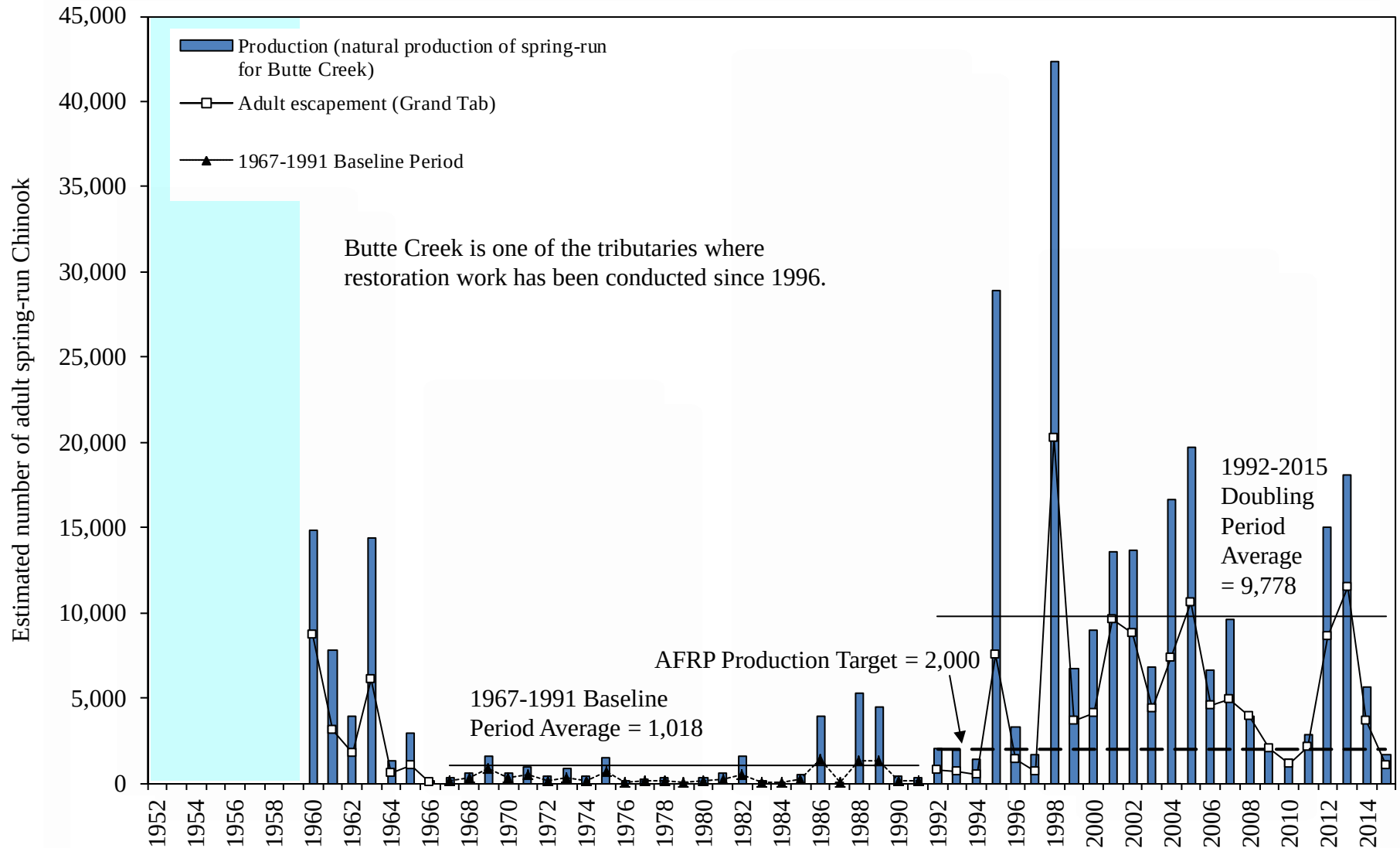


Figure 23. Estimated yearly natural production, and in river escapements of Butte Creek adult spring-run Chinook salmon.

□ = data was not available for 1952-1959. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

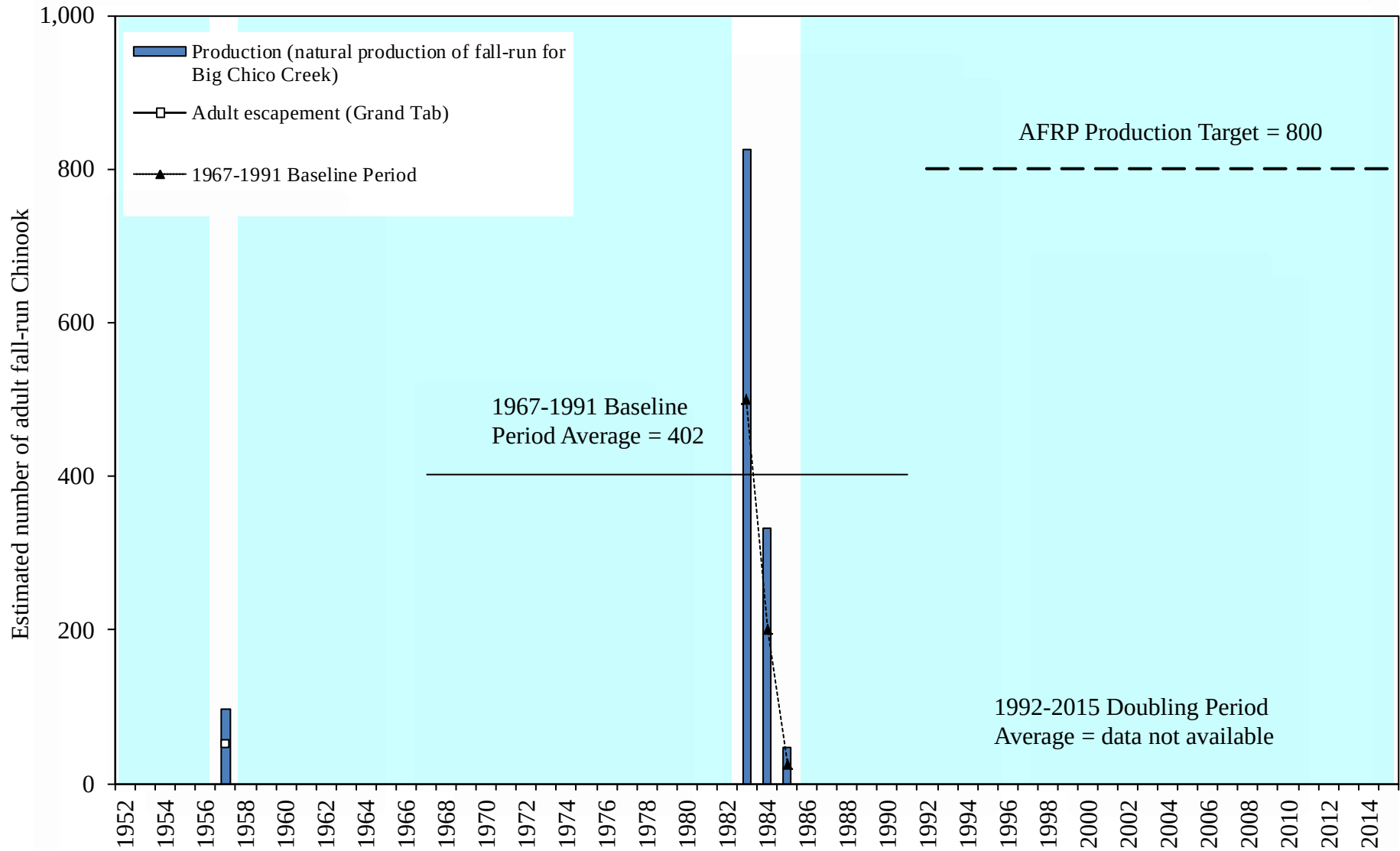


Figure 24. Estimated yearly natural production, and in river escapements of Big Chico Creek adult fall-run Chinook salmon.
 = data was not available for 1952-1956, 1958-1982, and 1986-2015. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

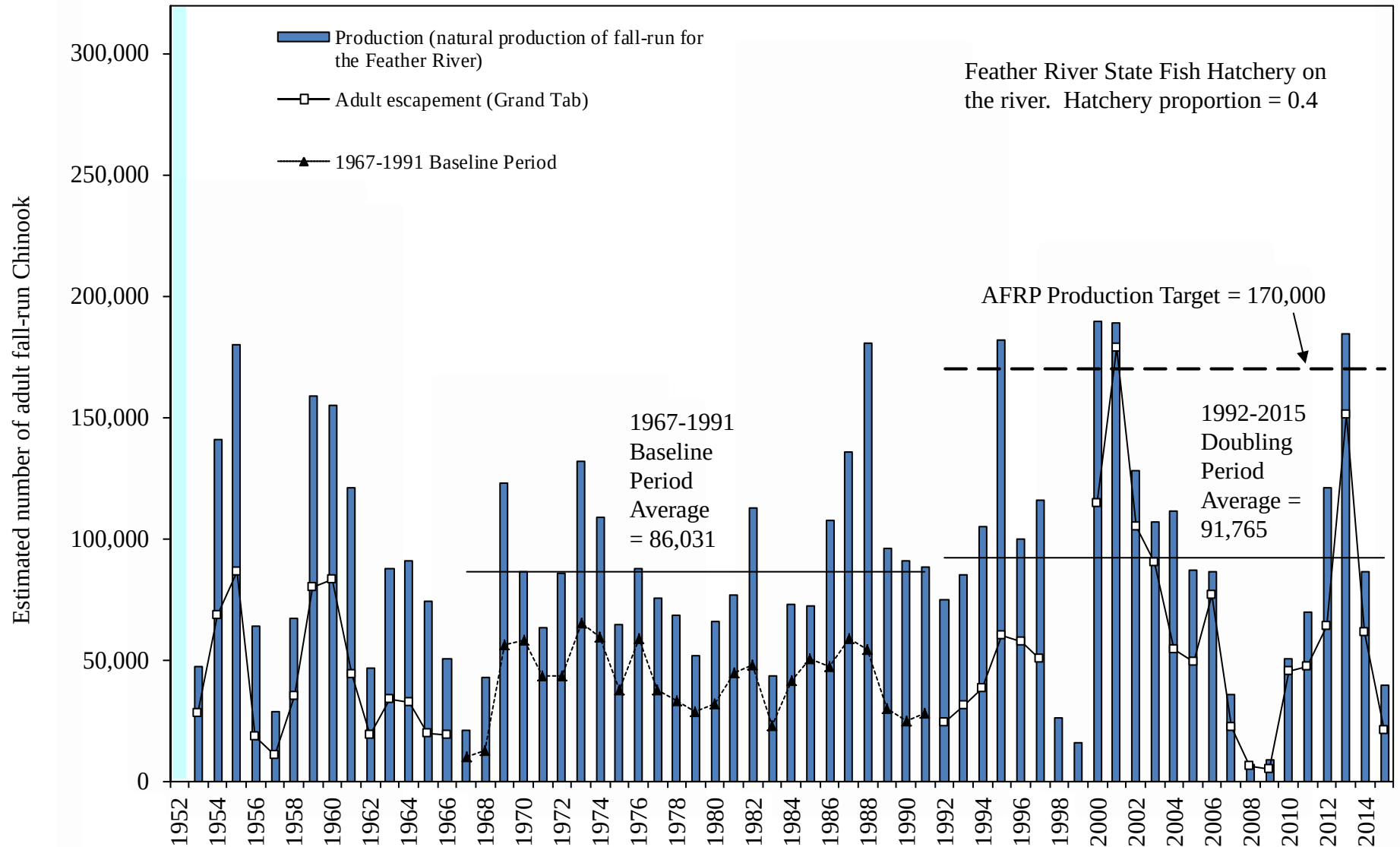


Figure 25. Estimated yearly natural production, and in river escapements of Feather River adult fall-run Chinook salmon. = data was not available for 1952. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

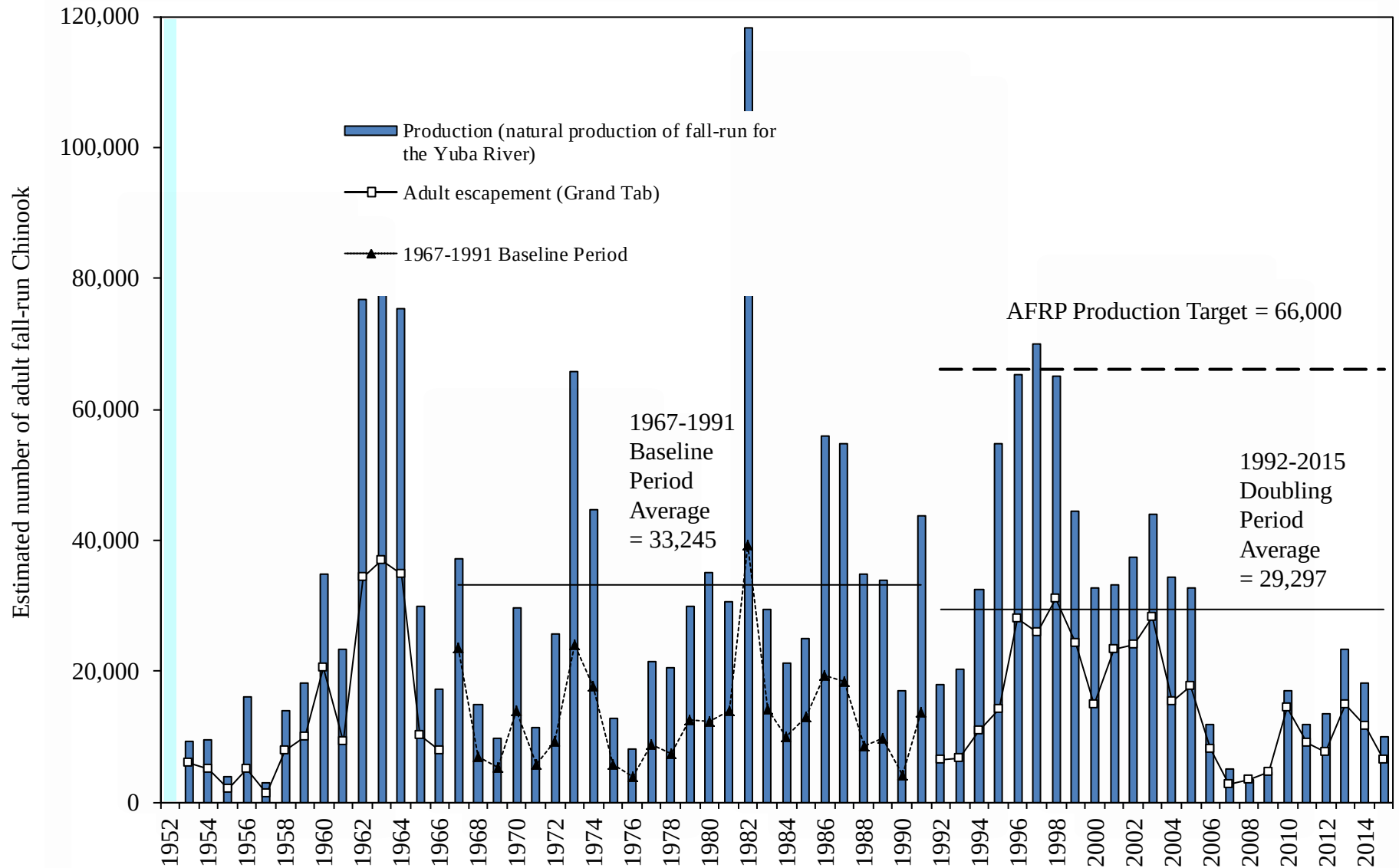


Figure 26. Estimated yearly natural production, and in river escapements of Yuba River adult fall-run Chinook salmon. = data was not available for 1952. 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994). 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016).

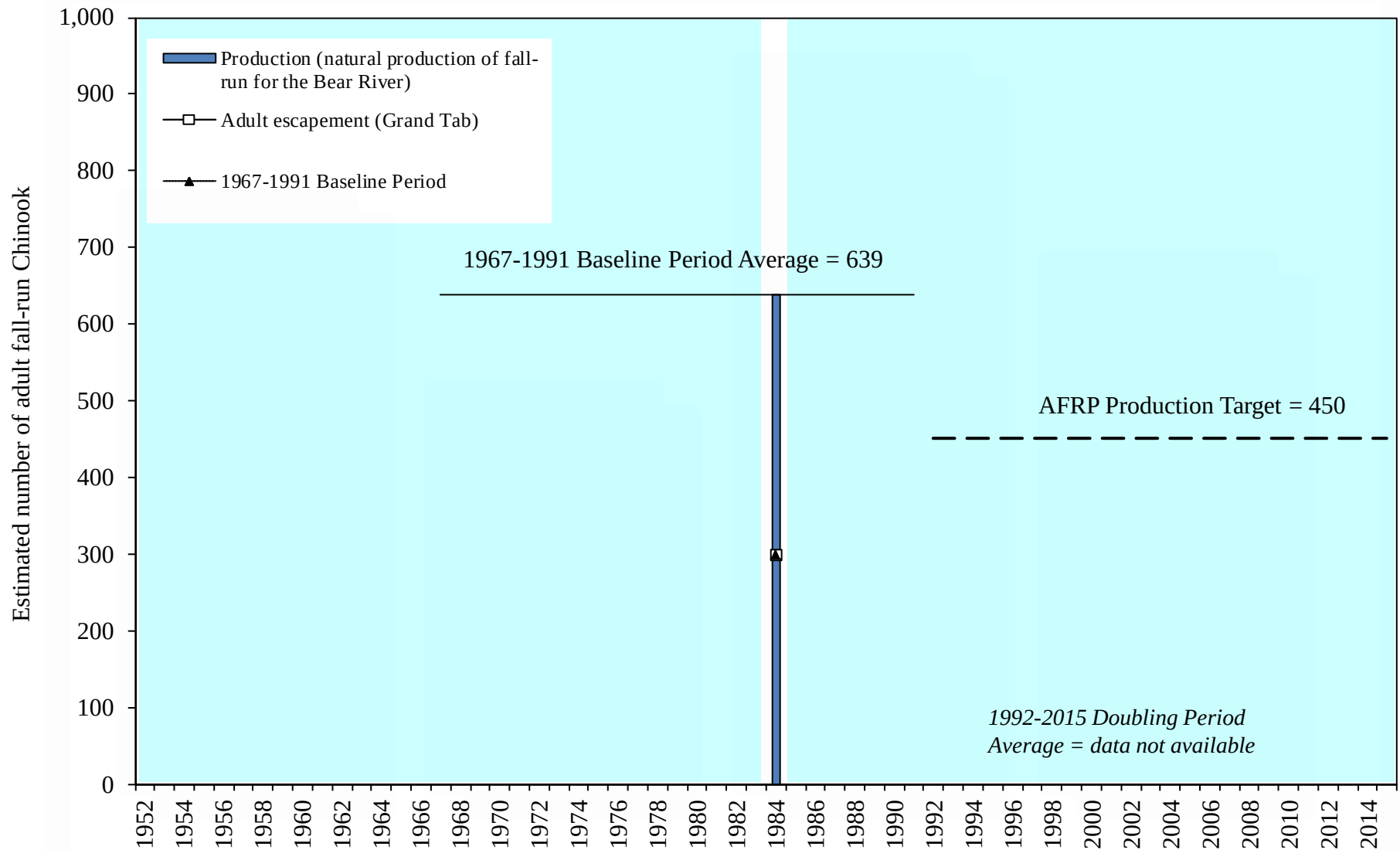


Figure 27. Estimated yearly natural production, and in river escapements of Bear River adult fall-run Chinook salmon.

□ = data was not available for 1952-1983, and 1985-2009. Numbers are from CDFG Grand Tab (Apr 11, 2016).

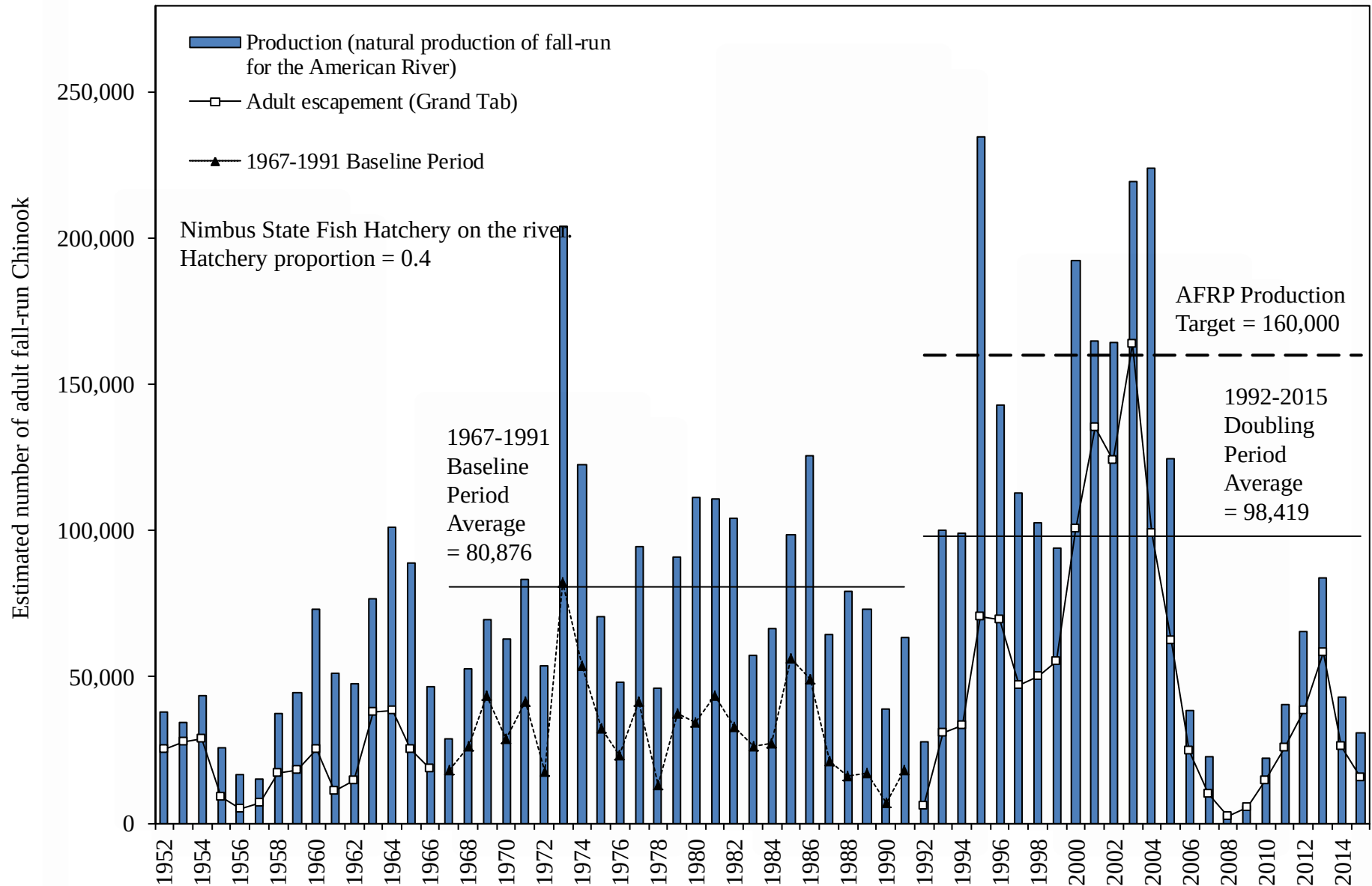


Figure 28. Estimated yearly natural production, and in river escapements of American River adult fall-run Chinook salmon. 1952-1966, and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

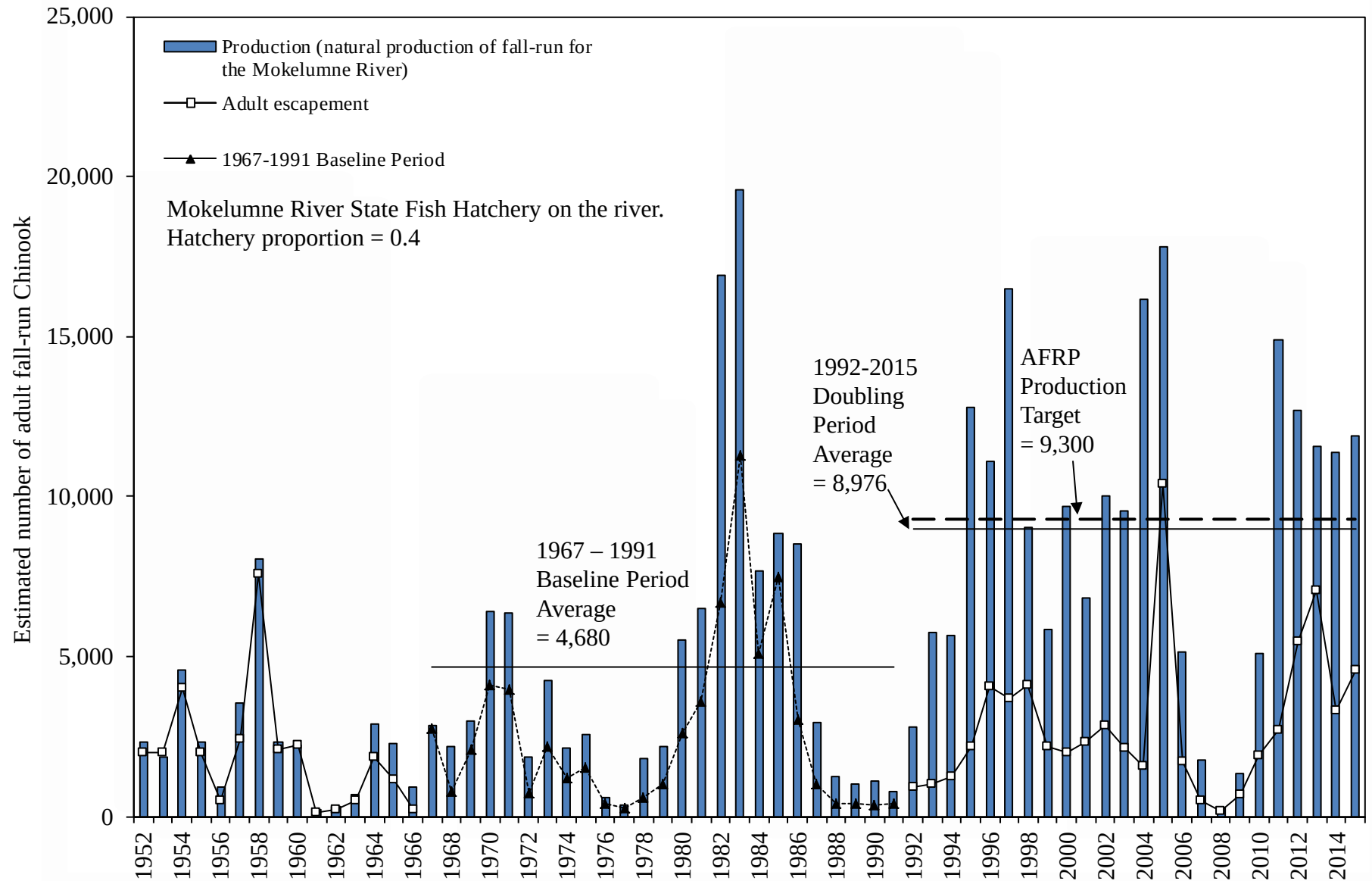


Figure 29. Estimated yearly natural production, and in river escapements of Mokelumne River adult fall-run Chinook salmon. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

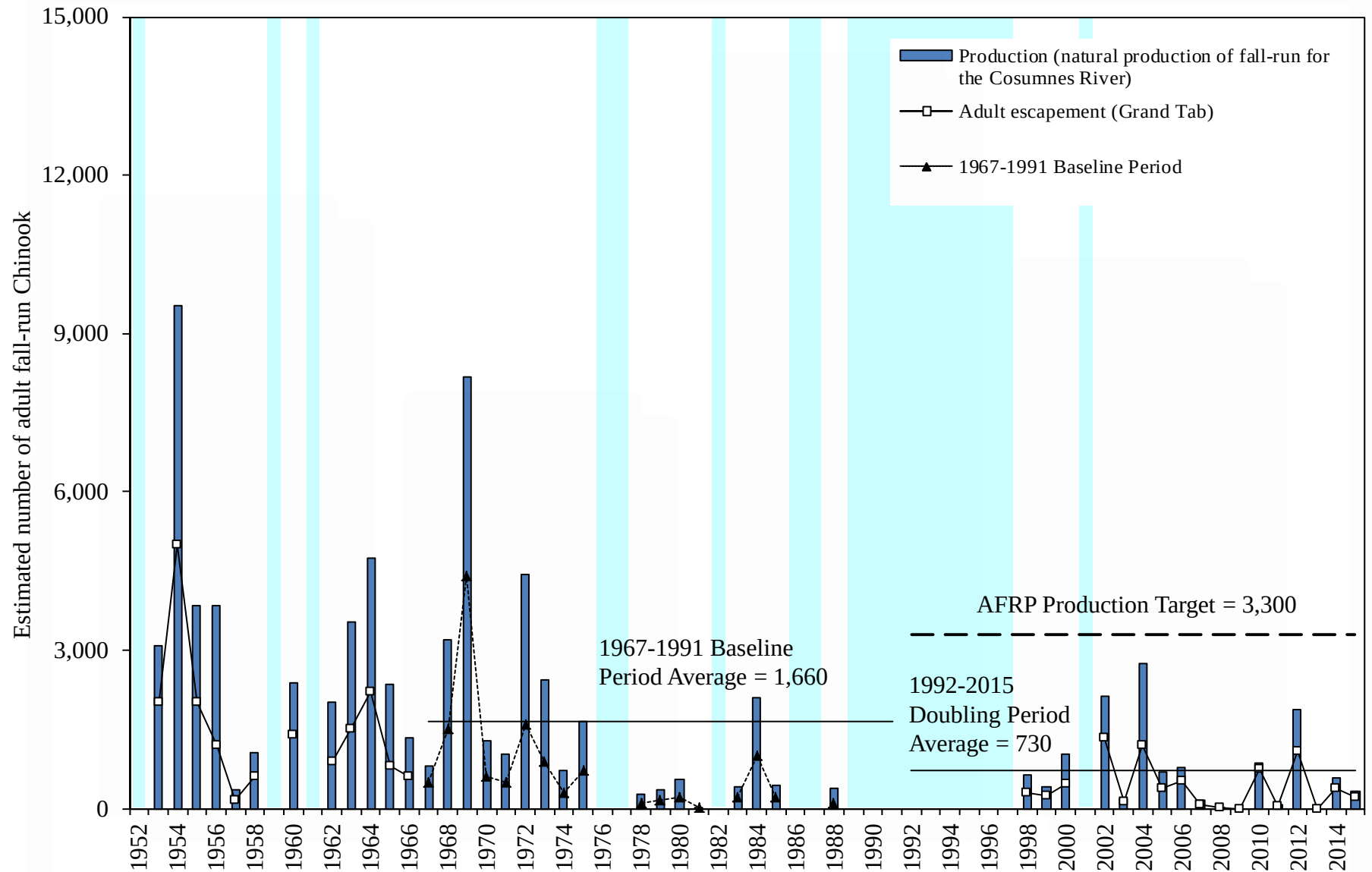


Figure 30. Estimated yearly natural production, and in river escapements of Cosumnes River adult fall-run Chinook salmon.

□ = data was not available for 1952, 1959, 1961, 1976-1977, 1982, 1986-1987, 1989-1997, and 2001. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

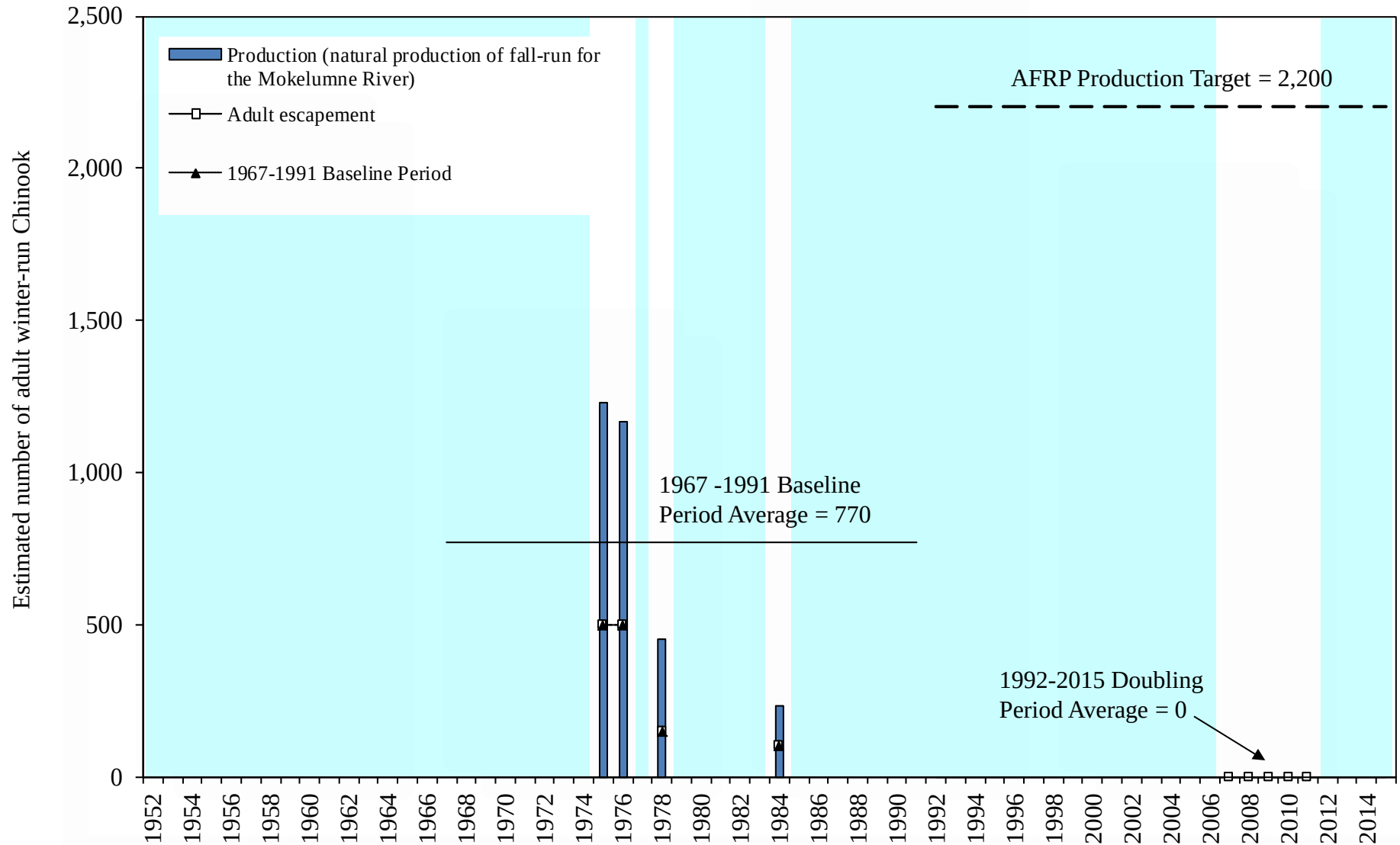


Figure 31. Estimated yearly natural production of Calaveras River adult winter-run Chinook salmon. = data was not available for 1952-1974, 1977, 1979-1983, 1985-2006, and 2012-2015. 1952-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers from Mills and Fisher (CDFG, 1994) were not available.

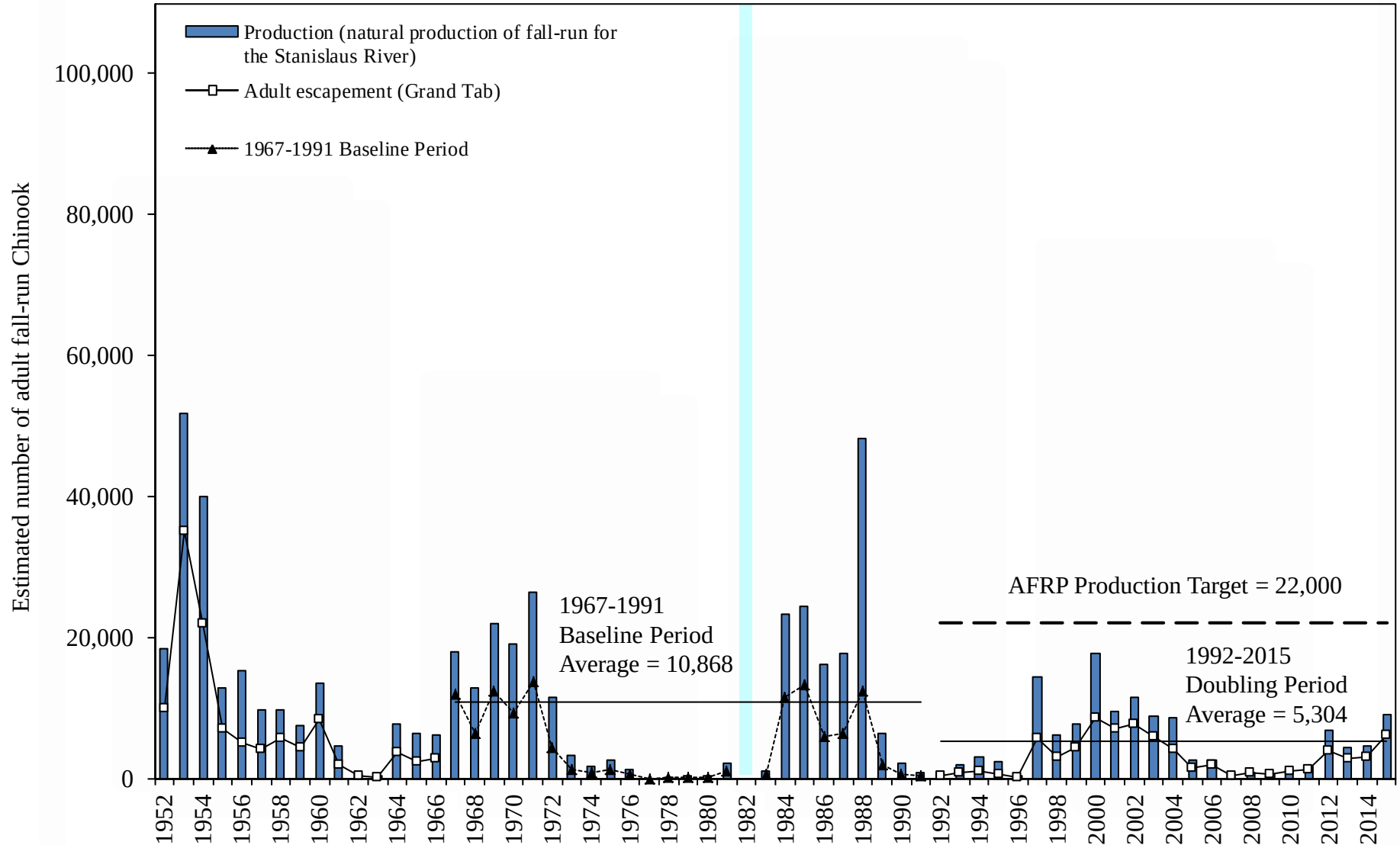


Figure 32. Estimated yearly natural production, and in river escapements of Stanislaus River adult fall-run Chinook salmon.
 = data was not available for 1982. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016).
 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

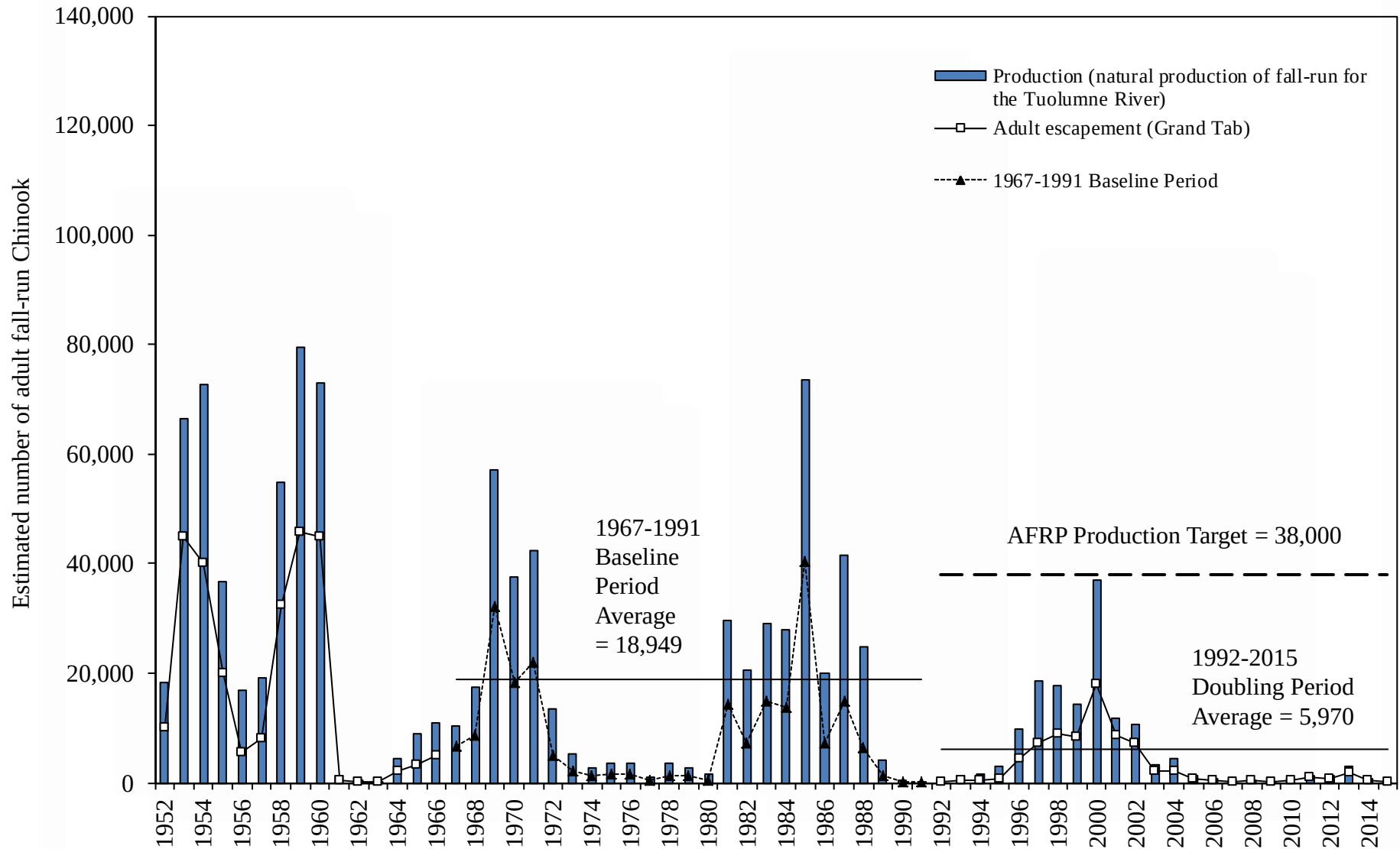


Figure 33. Estimated yearly natural production, and in river escapements of Tuolumne River adult fall-run Chinook salmon. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

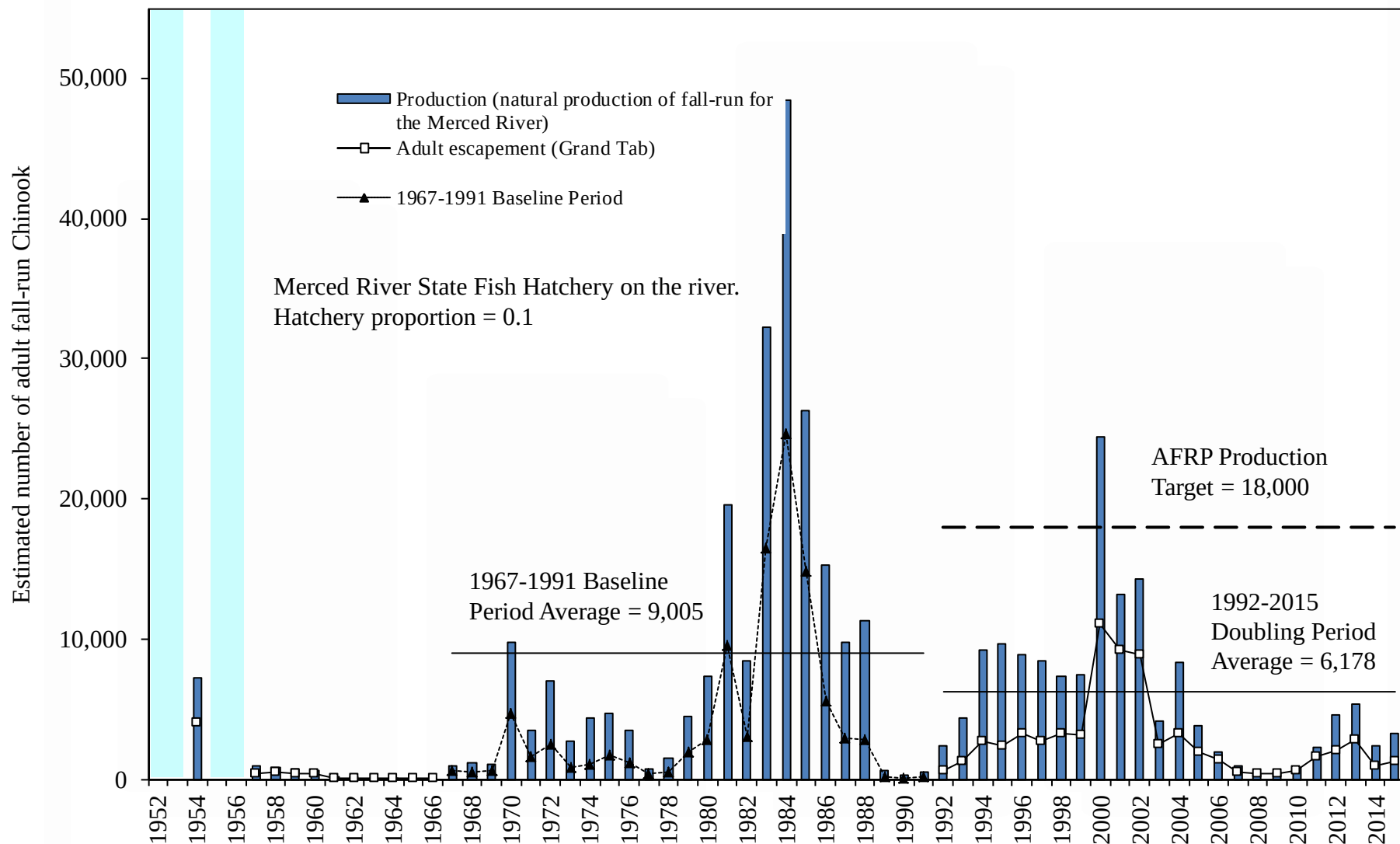


Figure 34. Estimated yearly natural production, and in river escapements of Merced River adult fall-run Chinook salmon. = data was not available for 1952-1953 and 1955-1956. 1952-1966 and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).

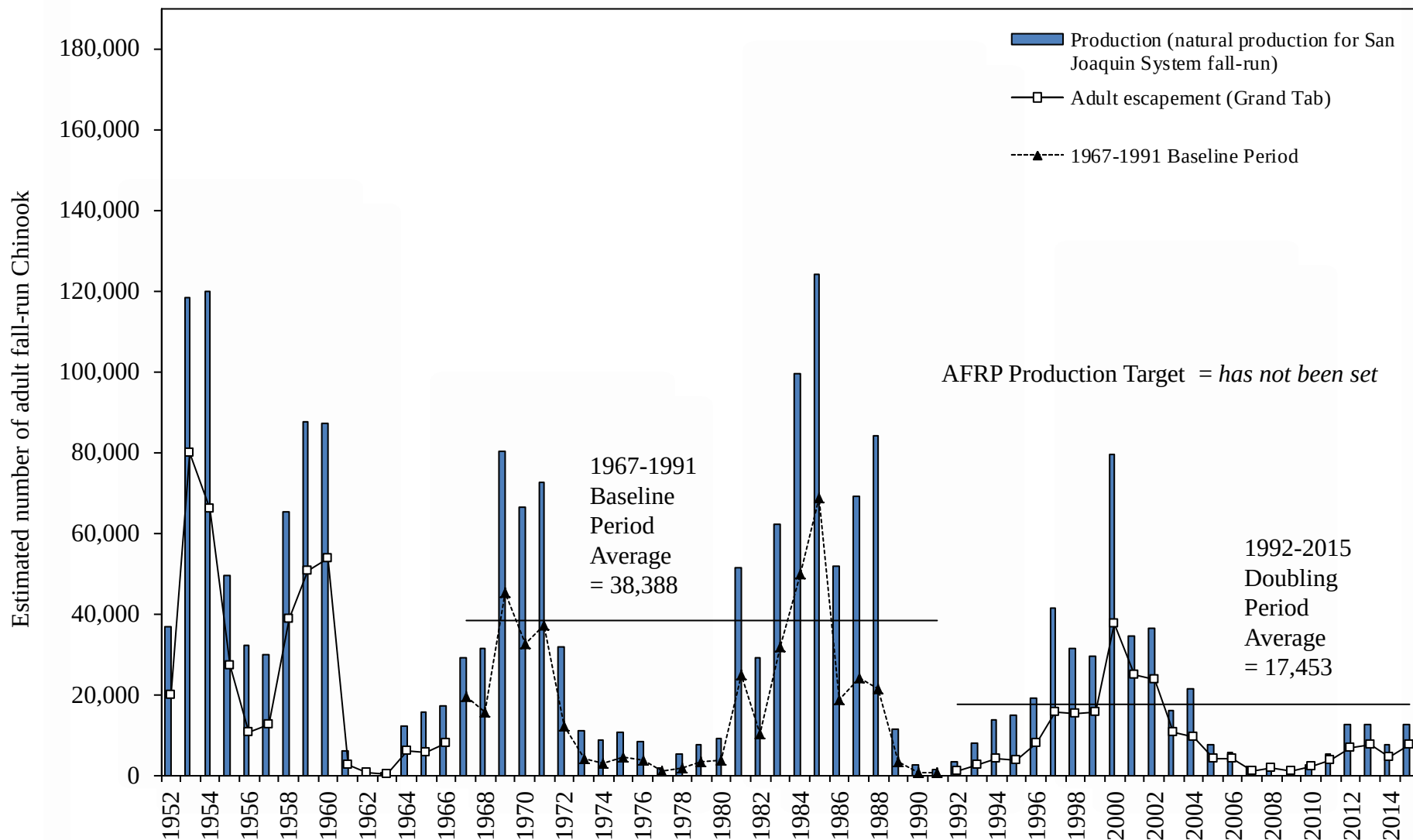


Figure 35. Estimated yearly natural production, and in river escapements of San Joaquin System adult fall-run Chinook salmon. The San Joaquin System is the sum of the Stanislaus, Tuolumne, and Merced Rivers. 1952-1966, and 1992-2015 numbers are from CDFG Grand Tab (Apr 11, 2016). 1967-1991 Baseline Period numbers are from Mills and Fisher (CDFG, 1994).