

Longest span of competition in Olympic trials

24 - John Deni/50W (1932-56)	28 - Stella Walsh (1928-56)
- Al Oerter/DT (1956-80)	20 - Francie Larrieu-Smith/1500-Mar (1972-92)
- Ed Burke/HT (1960-84)	Karin Smith/JT (1972-92)
20 - Al Hall/HT (1956-76)	Martha Watson/400R-LJ (1960-80)
- Jay Silvester/DT (1960-80)	Willye White/LJ (1956-76)
- Johnny Gray/800 (1980-2000)	Ruth Wysocki/800/1500 (1976-96)
16 - Hal Connolly/HT (1956-72)	Jackie Joyner-Kersey/LJ-HEP (80-00)
- Ernest Crosbie/50W (1932-48)	Teresa Vaill (10k W/20k W)(1992-2012)
- Henry Dreyer/HT (1936-52)	Amy Acuff/HJ (1992-2012)
- Jeff Hartwig/PV (1992-2008)	16 - Kate Schmidt/JT (1968-84)
- Ron Laird/20W-50W (1960-76)	Jane Frederick/PEN-HEP (1972-88)
- Carl Lewis/100-200-LJ (1980-96)	Evelyn Ashford/100 (1976-92)
- Joe McCluskey/St (1932-48)	Mary Slaney/1500-5k (1980-96)
- Larry Myricks/LJ (1976-92)	Gail Devers 100/100h (1988-2004)
- Dan O'Connor/20W-50W (1976-92)	Joanna Hayes 100h/400h (1996-2012)
- John Powell/DT (1972-88)	Tiombe Hurd TJ (1996-2012)
- George Young/St-Mar (1956-72)	Aretha Thurmond (Hill) DT (1996-2012)
	Joanne Dow 20k W (1996-2012)

Of those shown in the above list, only Ed Burke competed in as many as 7 Olympic Trials meets, as WWII precluded Deni from the opportunity of OT meets, and Al Oerter took time out in 1972 and 1976. In addition to the above, Clarence DeMar, the most durable top class American marathoner of all-time made the US team in 1912, 1924 and 1928, and placed among the top-16 as late as 1936, 24 years after his debut. He competed in the 1948 Boston marathon, but placed more than an hour behind the top US finisher. As a corollary, John A. Kelley ran in the 1932 Boston race - but Dnf, made the Olympic team in 1936 and 1948, and ran in the 1952 Boston race - but both men are excluded from the list above, as there was no specific trial race during their era.

In both 1928 and 1956 Walsh failed to make the sprint finals, but won the 100 in 1932 and a silver in 1936 as Stanislaw Walasiewicz - for Poland. After her death she was determined by autopsy to have hermaphroditic features.

Al Oerter missed making it 28 years when he injured himself in the TAC discus in 1984; he was still throwing beyond 190' in 1988, further than his 1956 Olympic winning distance (184'10").

Teresa Vaill also competed in exhibition 10k walks in 1984 and 1988, placing 2nd both times, but the walking events only officially began in 1992.