
Oklahoma Municipal Retirement Fund

ANALYSIS OF DEMOGRAPHIC EXPERIENCE

During the Years 2007-2011

September 28, 2012

Prepared by

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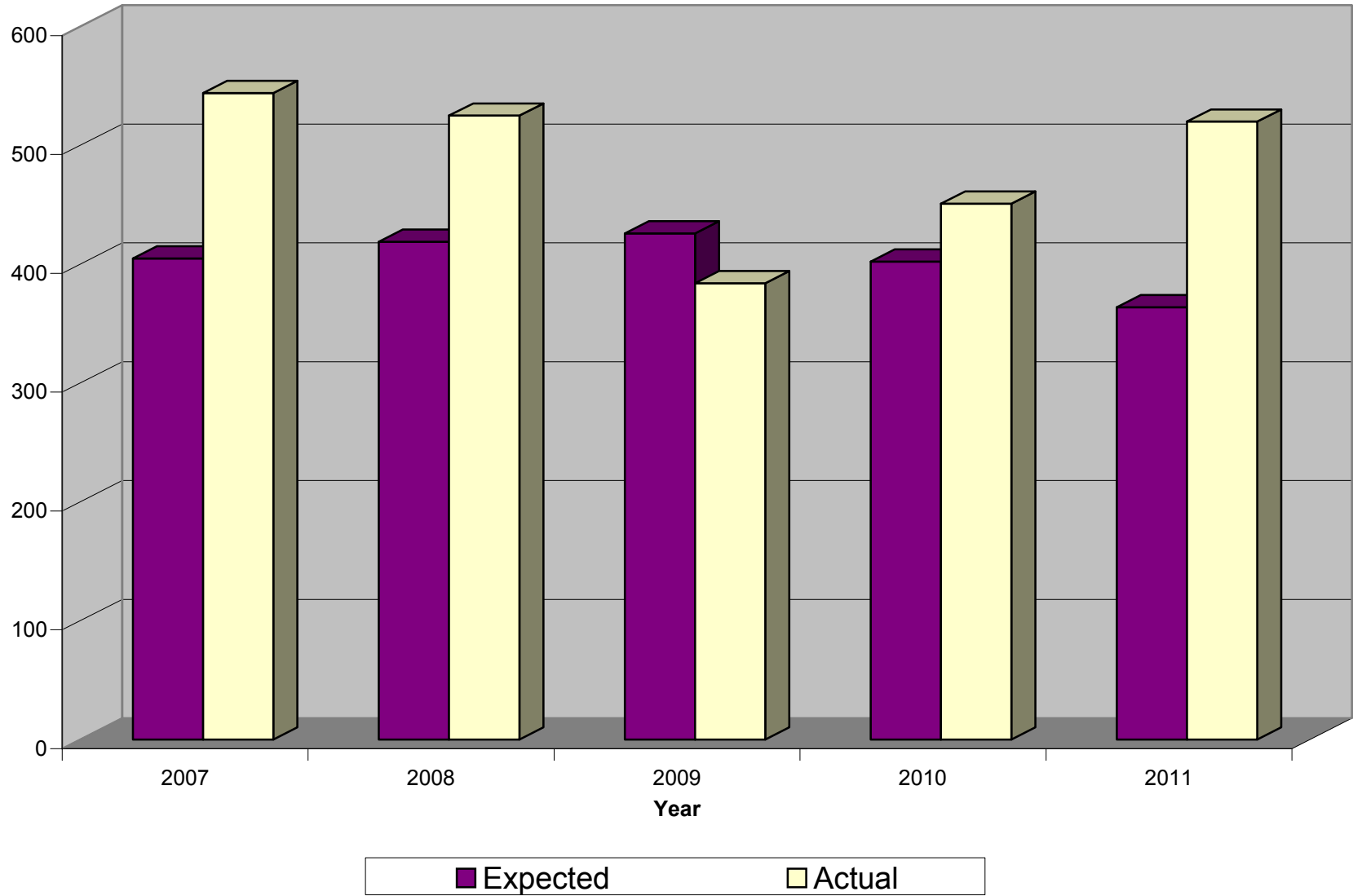
DALLAS, TX 75206

(214) 891-0990

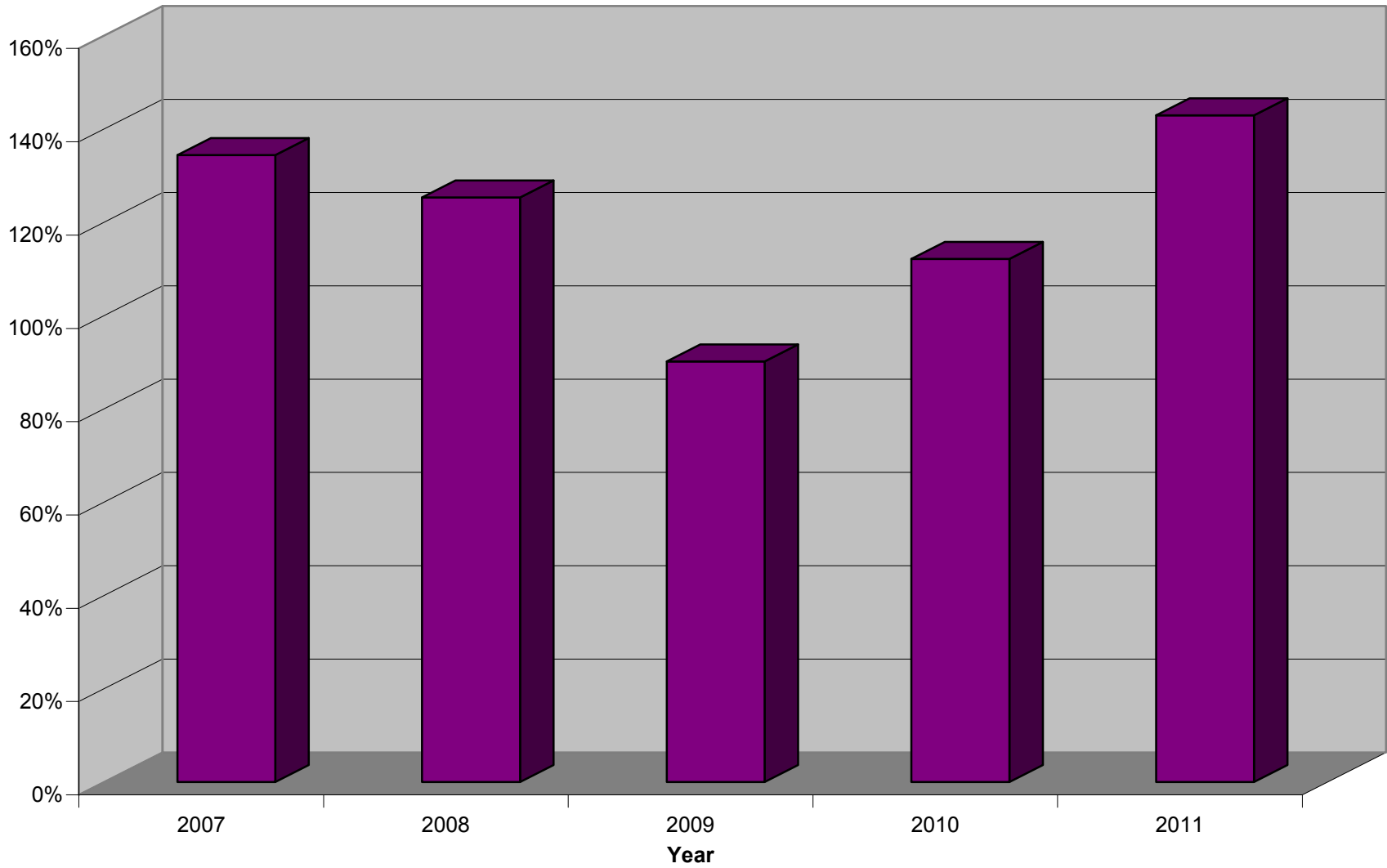
Termination Experience

(16,764 Participant Life Years Exposed)

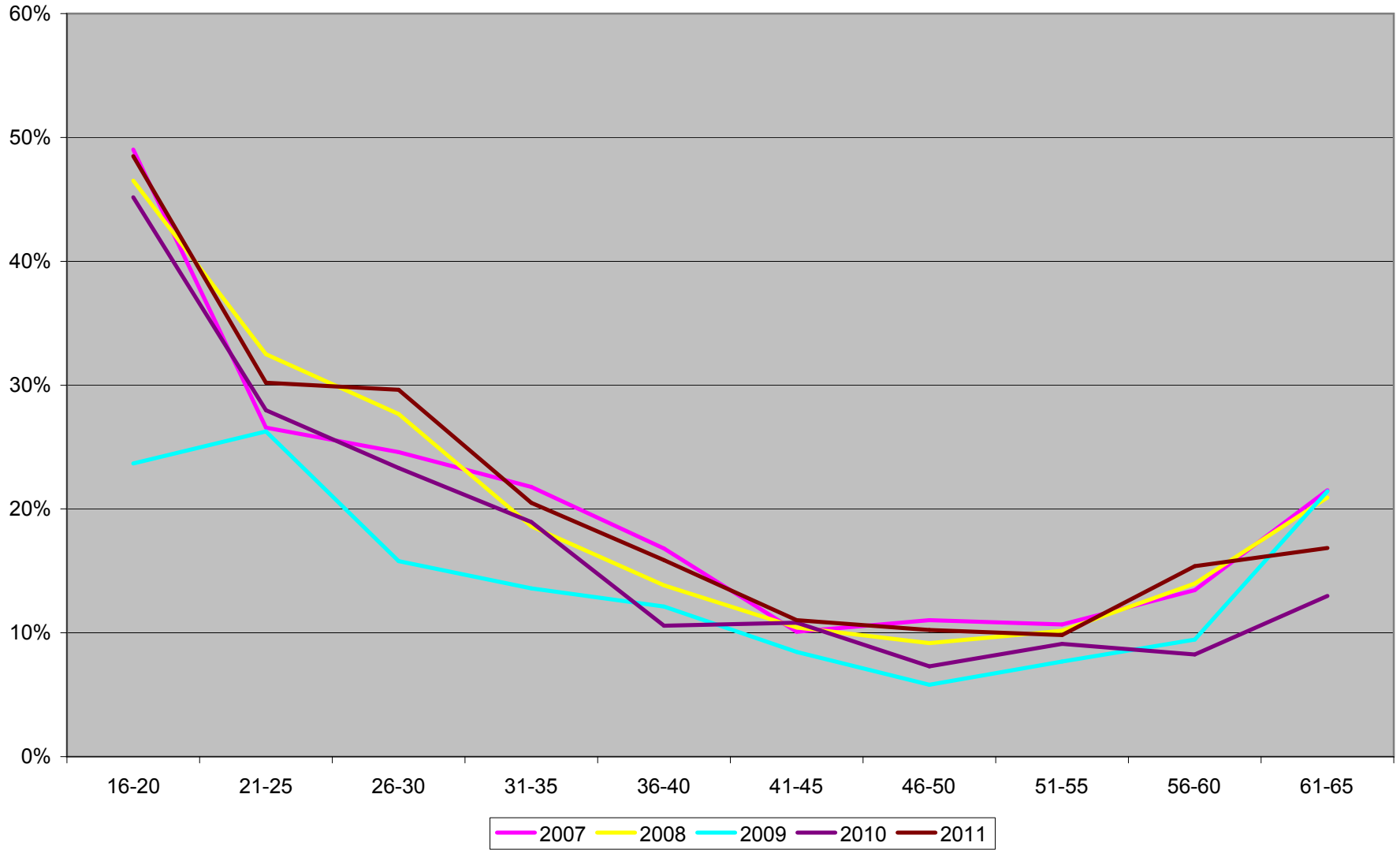
Actual Versus Expected Terminations



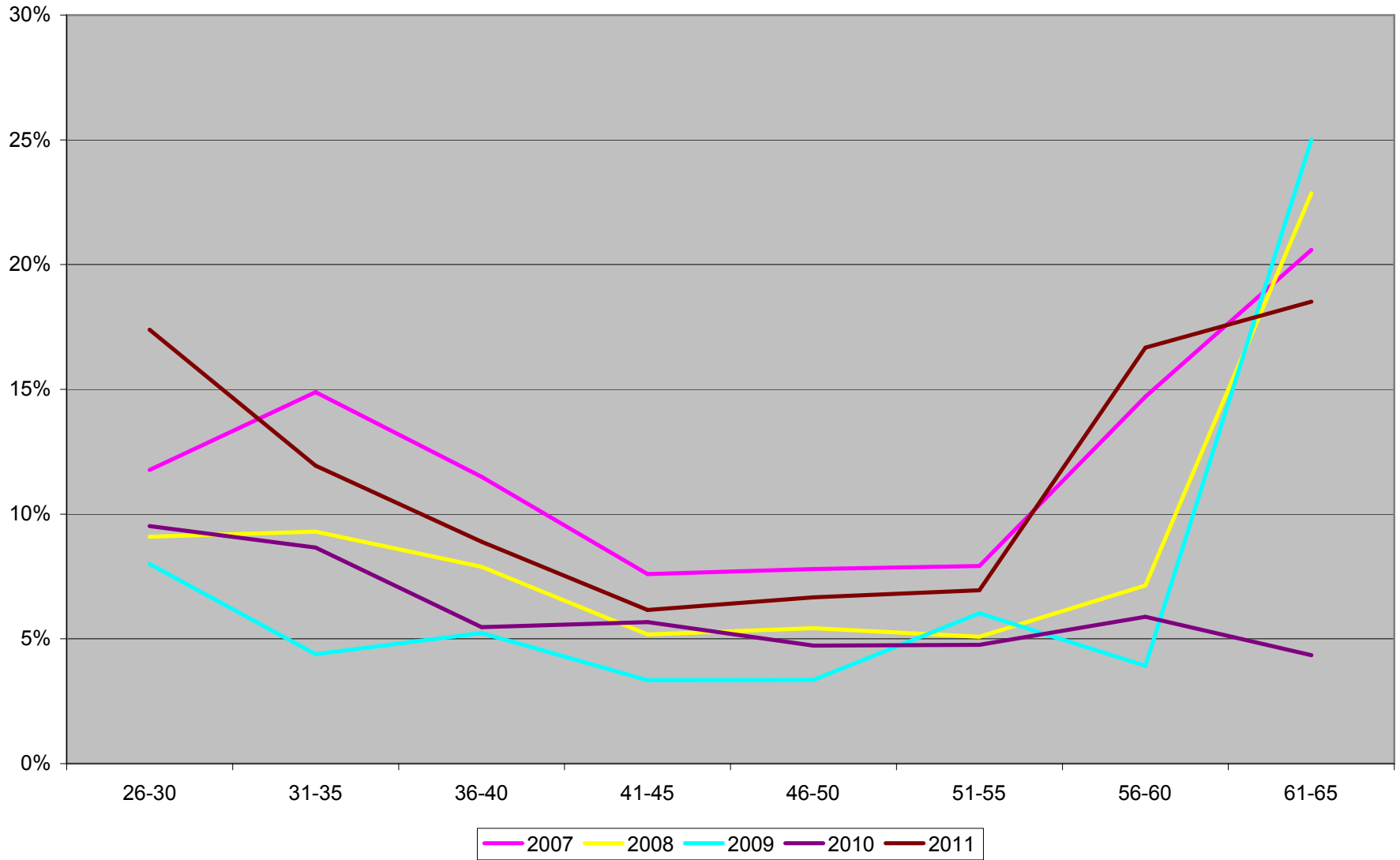
Ratio of Actual Versus Expected Terminations



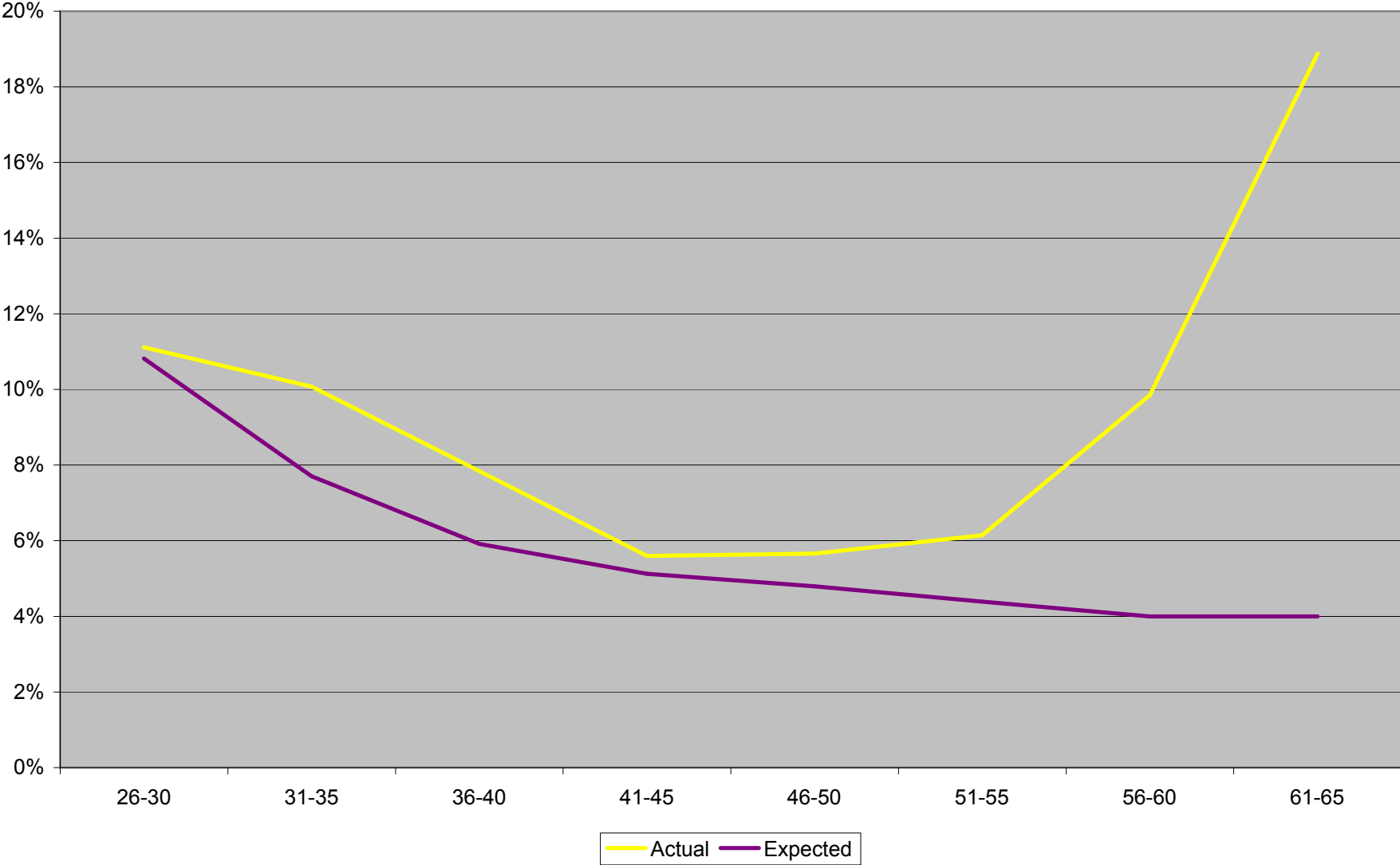
Termination Rates by Age



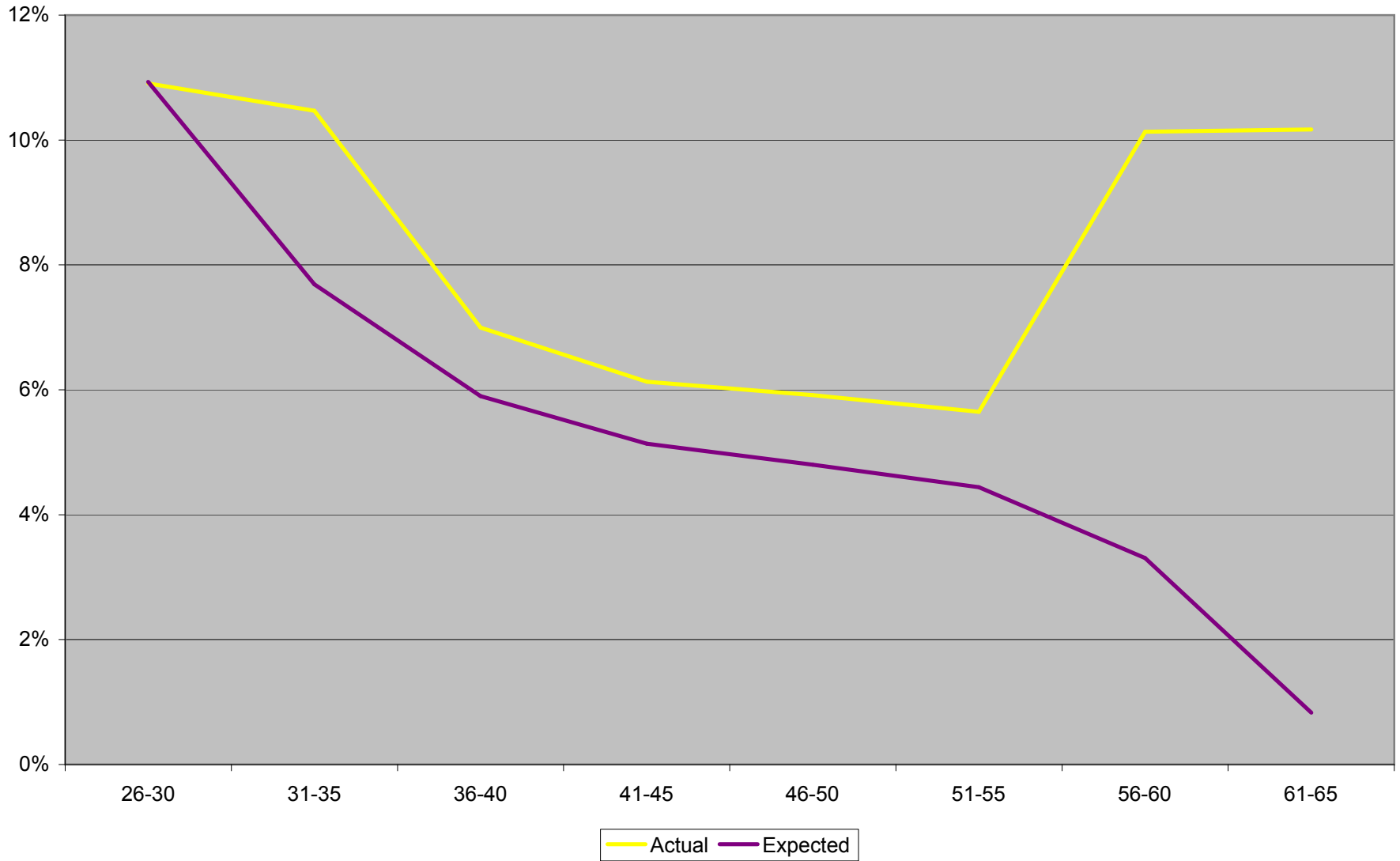
Termination Rates by Age, 5+ Years of Service



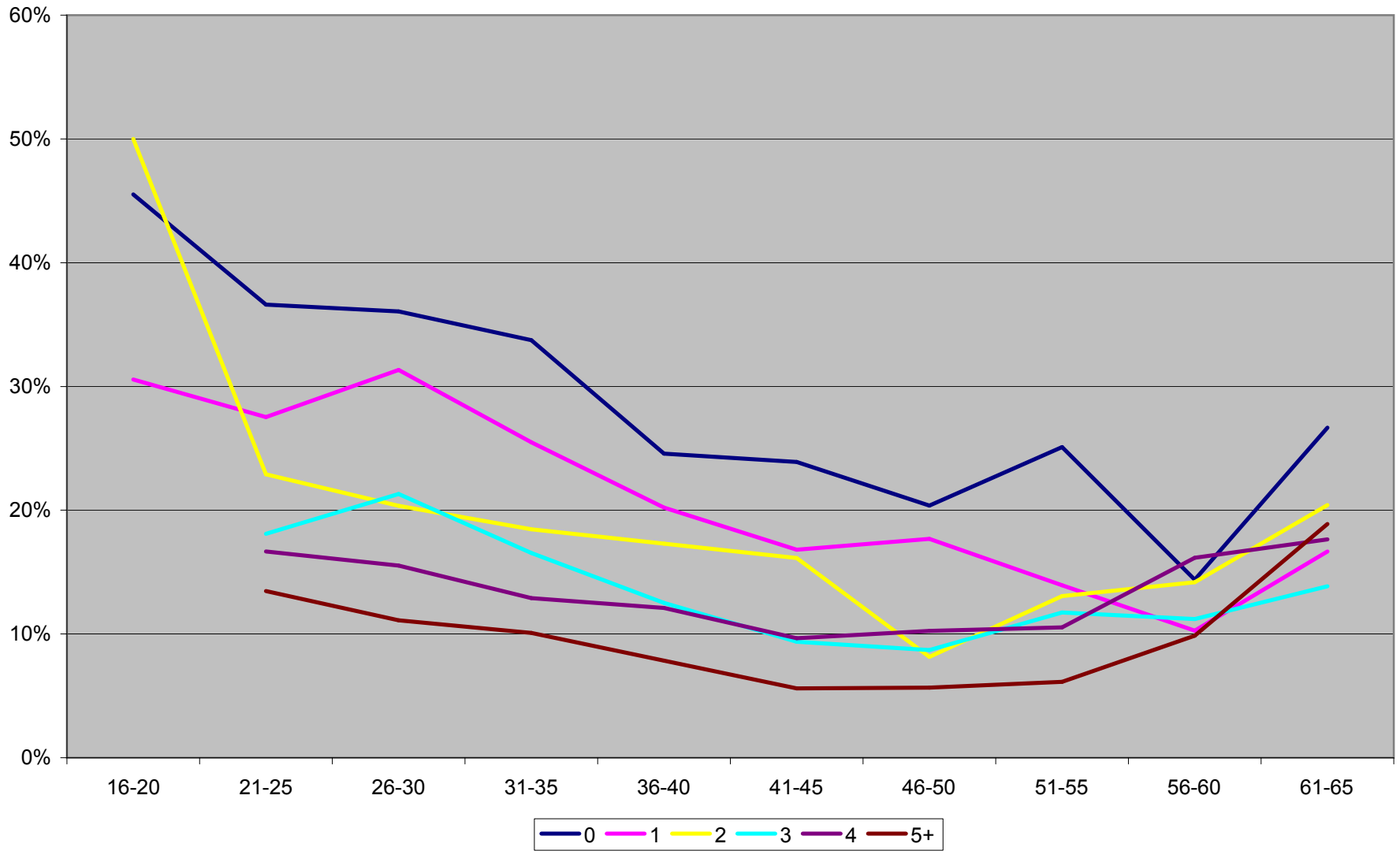
Actual Versus Expected Termination Rates by Age, 5+ Years of Service



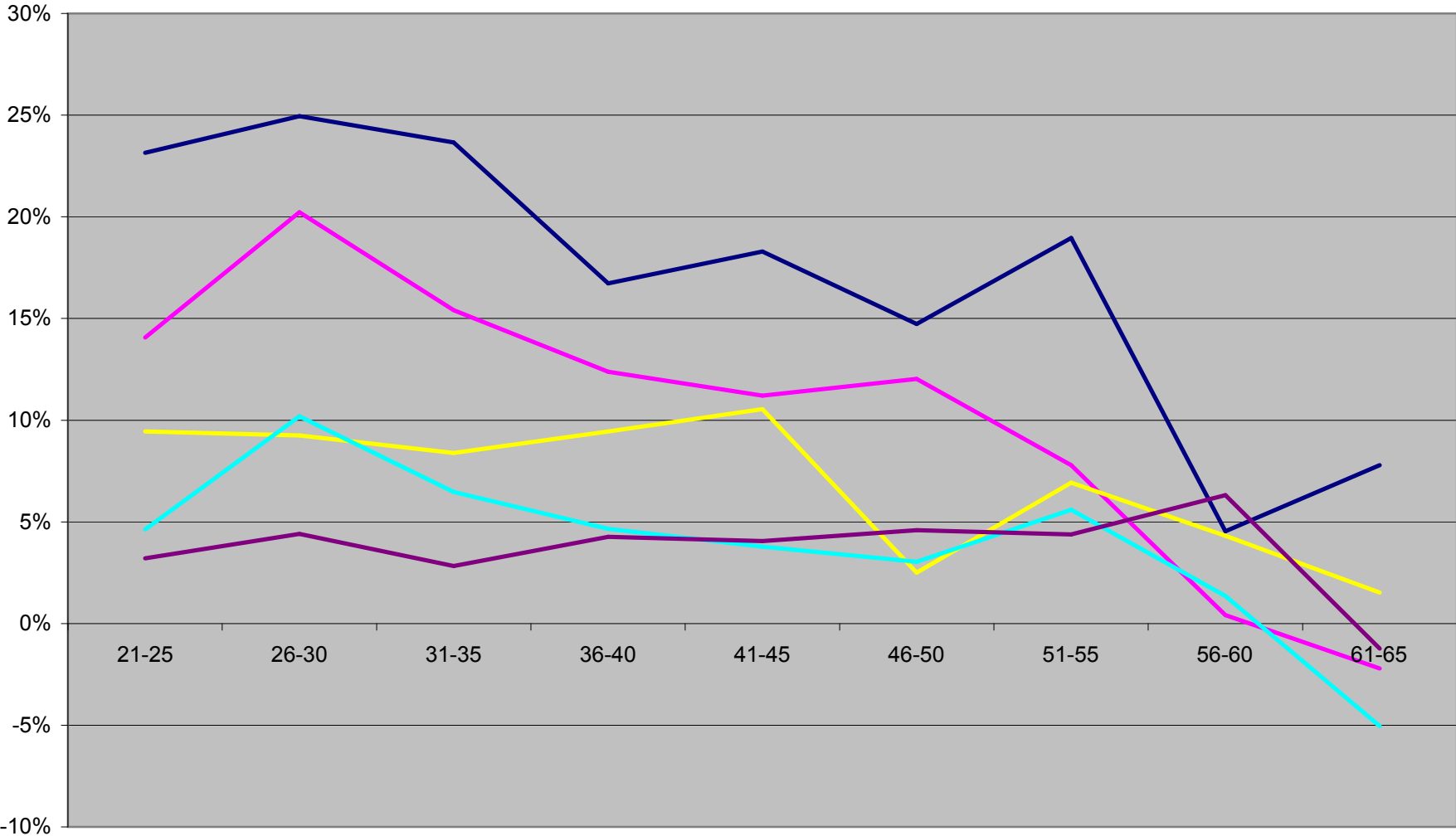
Actual Versus Expected Termination Rates by Age, 5+ Years of Service (2001-2006)



Termination Rates by Age and Service

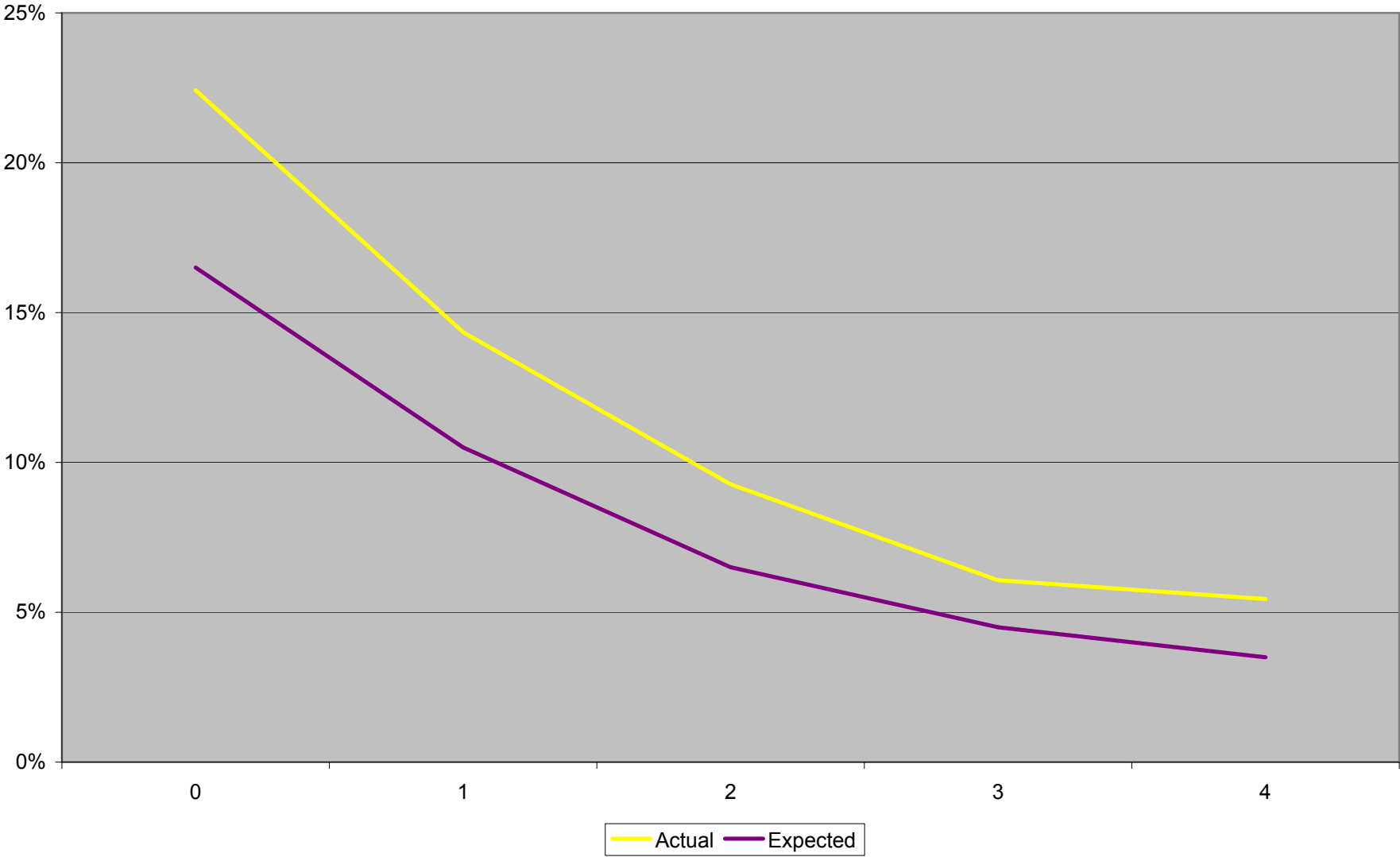


Incremental Termination Rates by Service Group

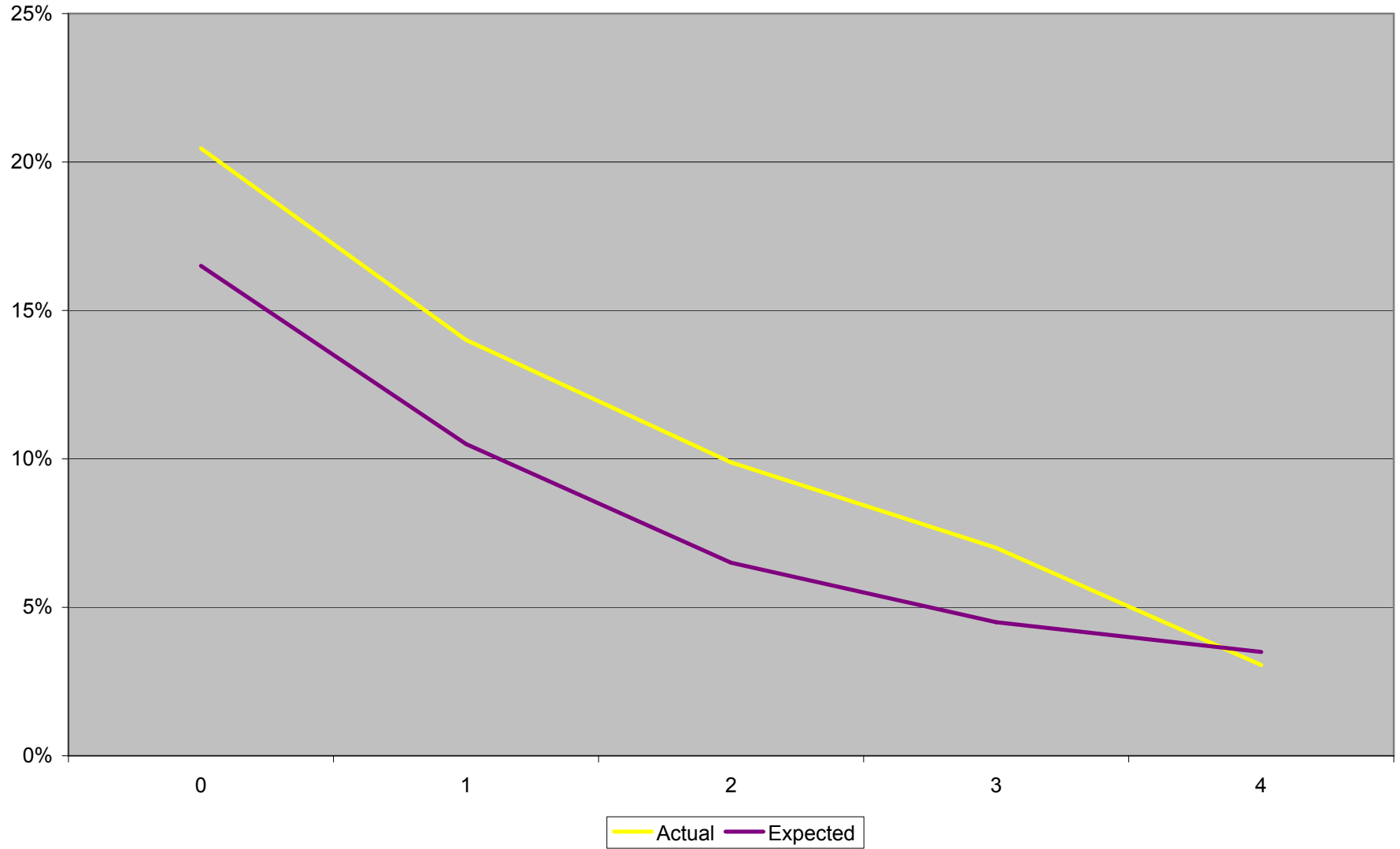


0 1 2 3 4

Incremental Termination Rates by Service Group



Incremental Termination Rates by Service Group (2001-2006)



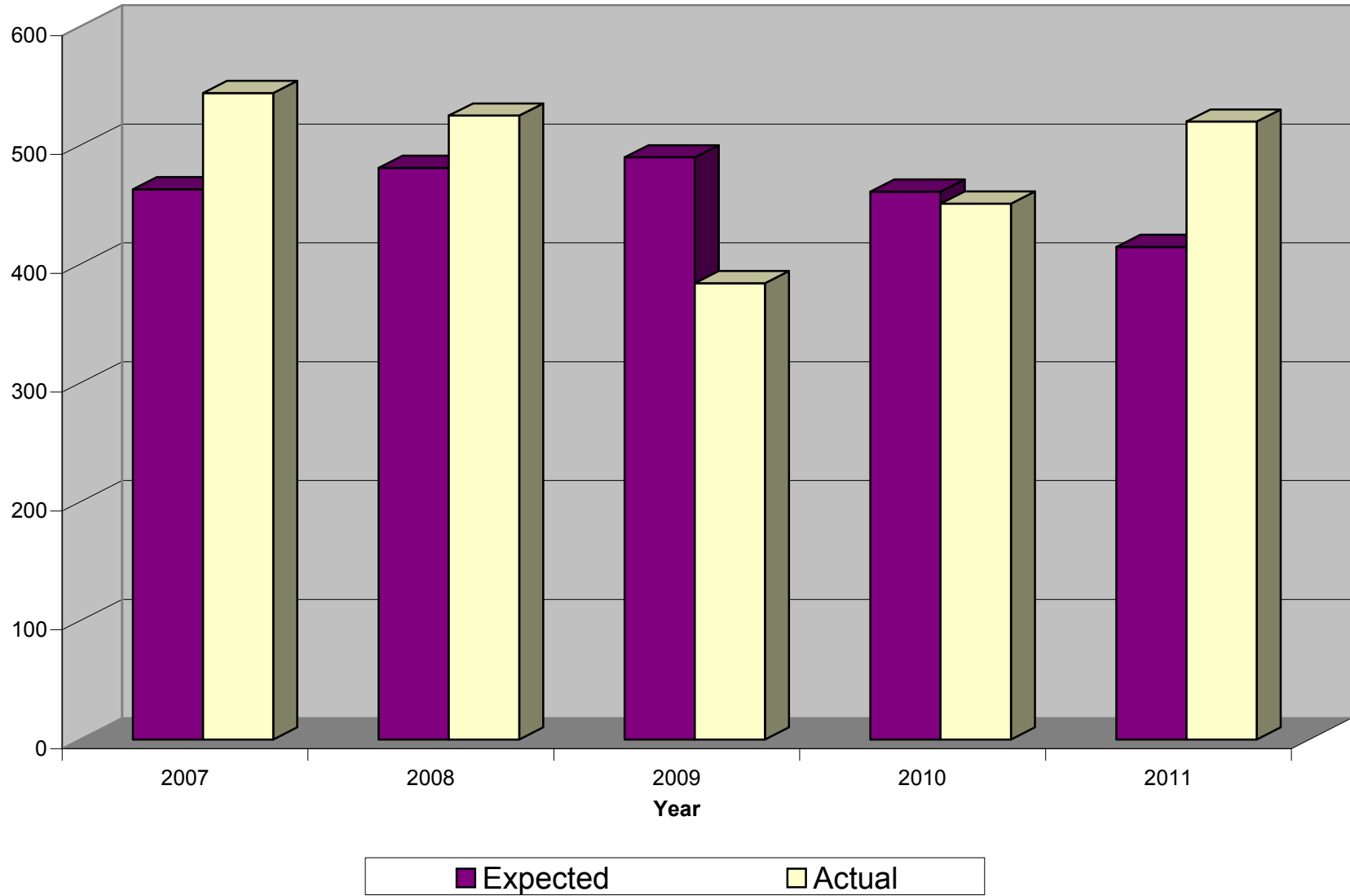
Termination Experience Recommendations

Increase ultimate rates over age 55?

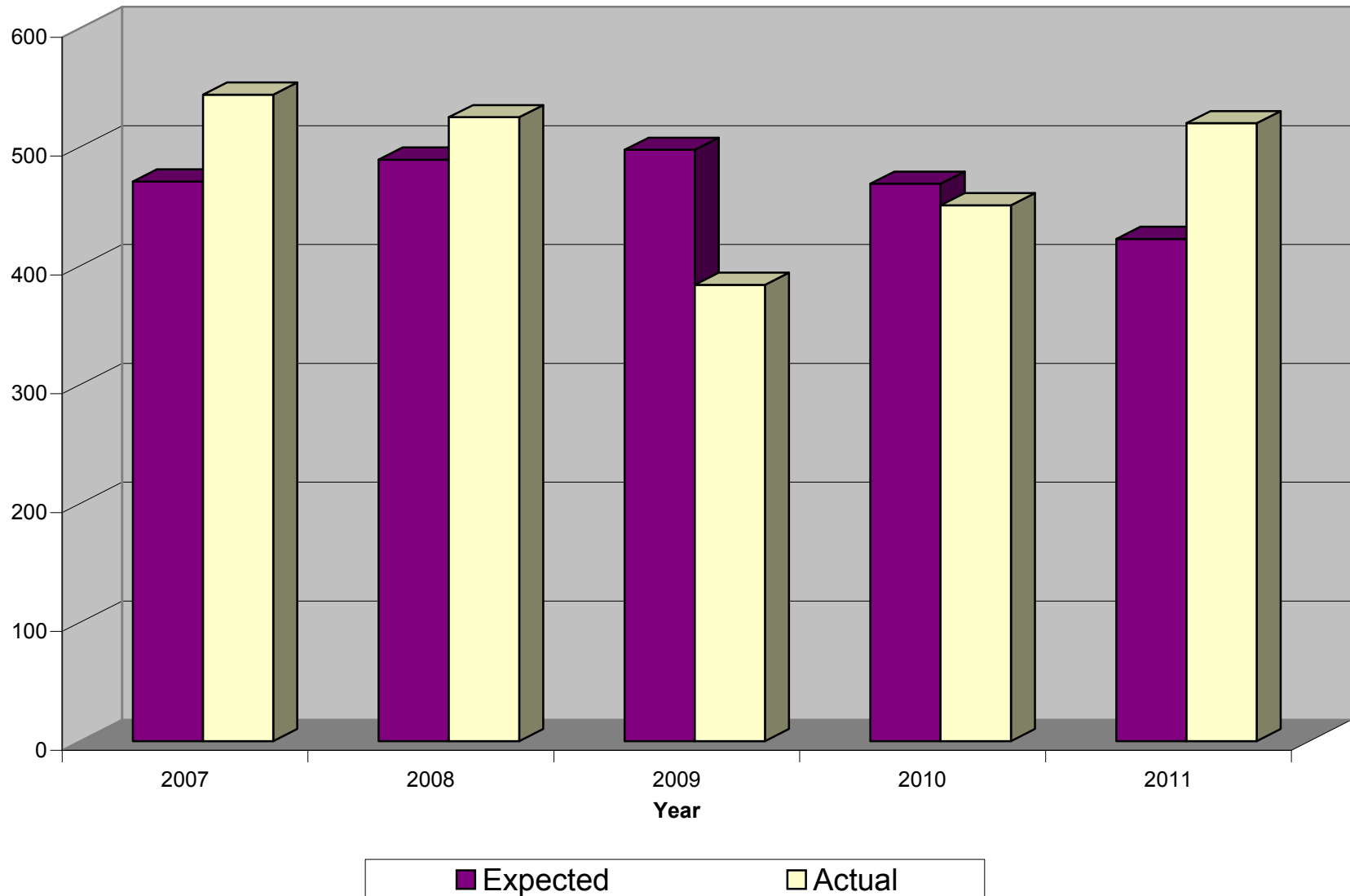
Increase incremental service rates

	0	1	2	3	4
Assumption	16.5%	10.5%	6.5%	4.5%	3.5%
2001-2006 experience	20.5%	14.0%	9.9%	7.0%	3.1%
2007-2011 experience	22.4%	14.3%	9.3%	6.1%	5.4%
Recommendation	21.5%	14.0%	9.5%	6.5%	4.0%

Actual Versus Expected Terminations with New Select Rates



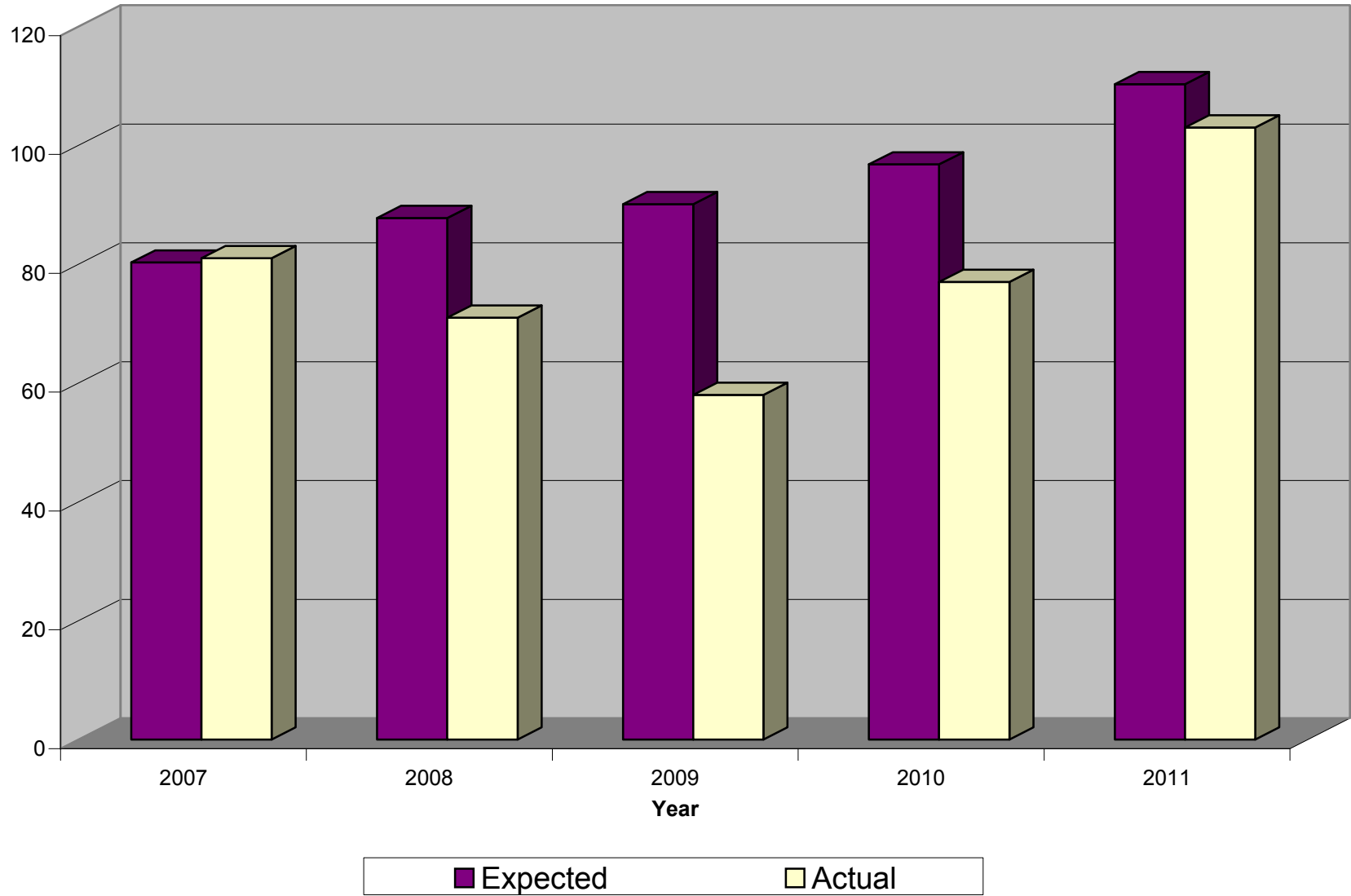
Actual Versus Expected Terminations with New Select and Ultimate Rates



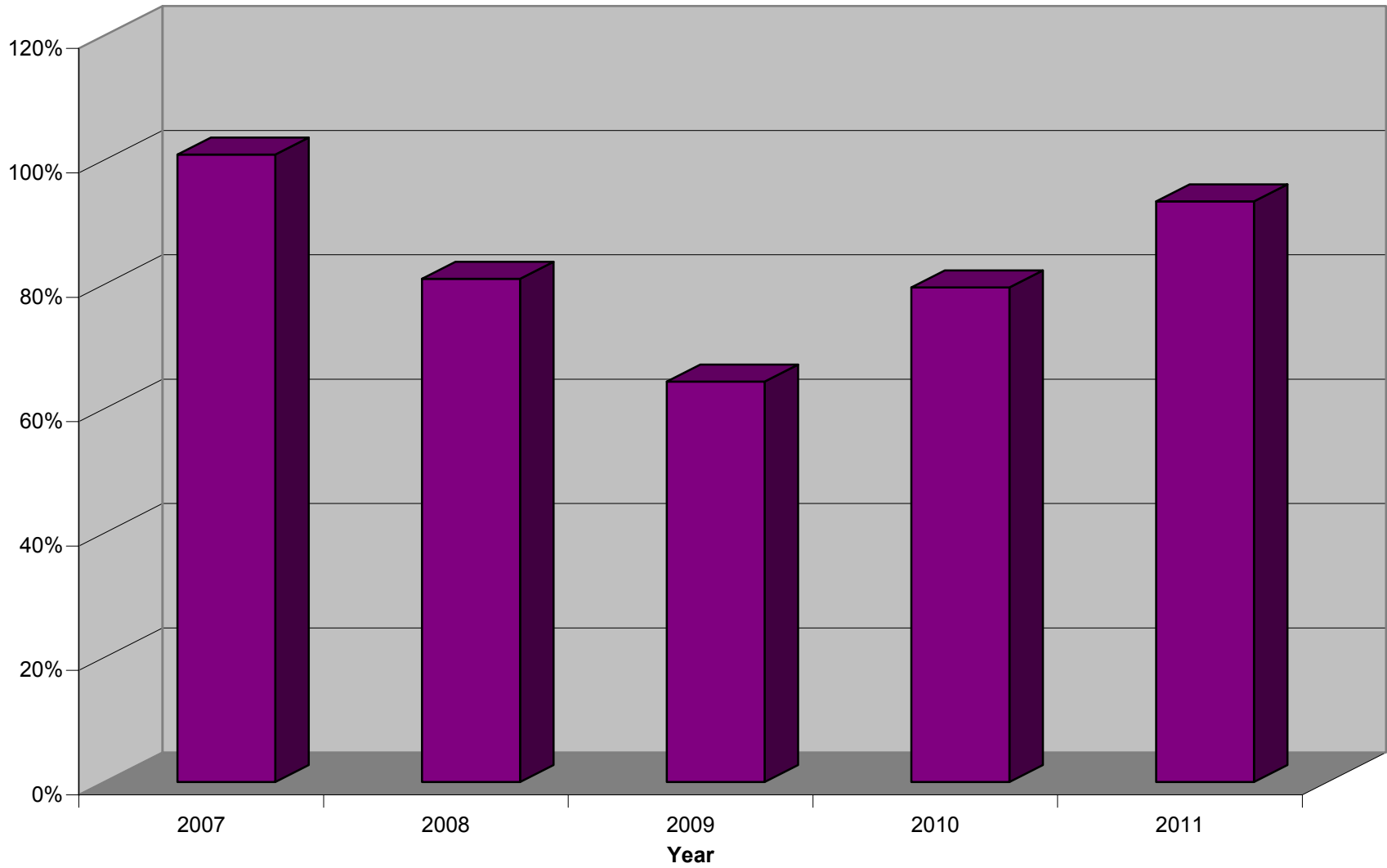
Retirement Experience

(2,680 Participant Life Years Exposed)

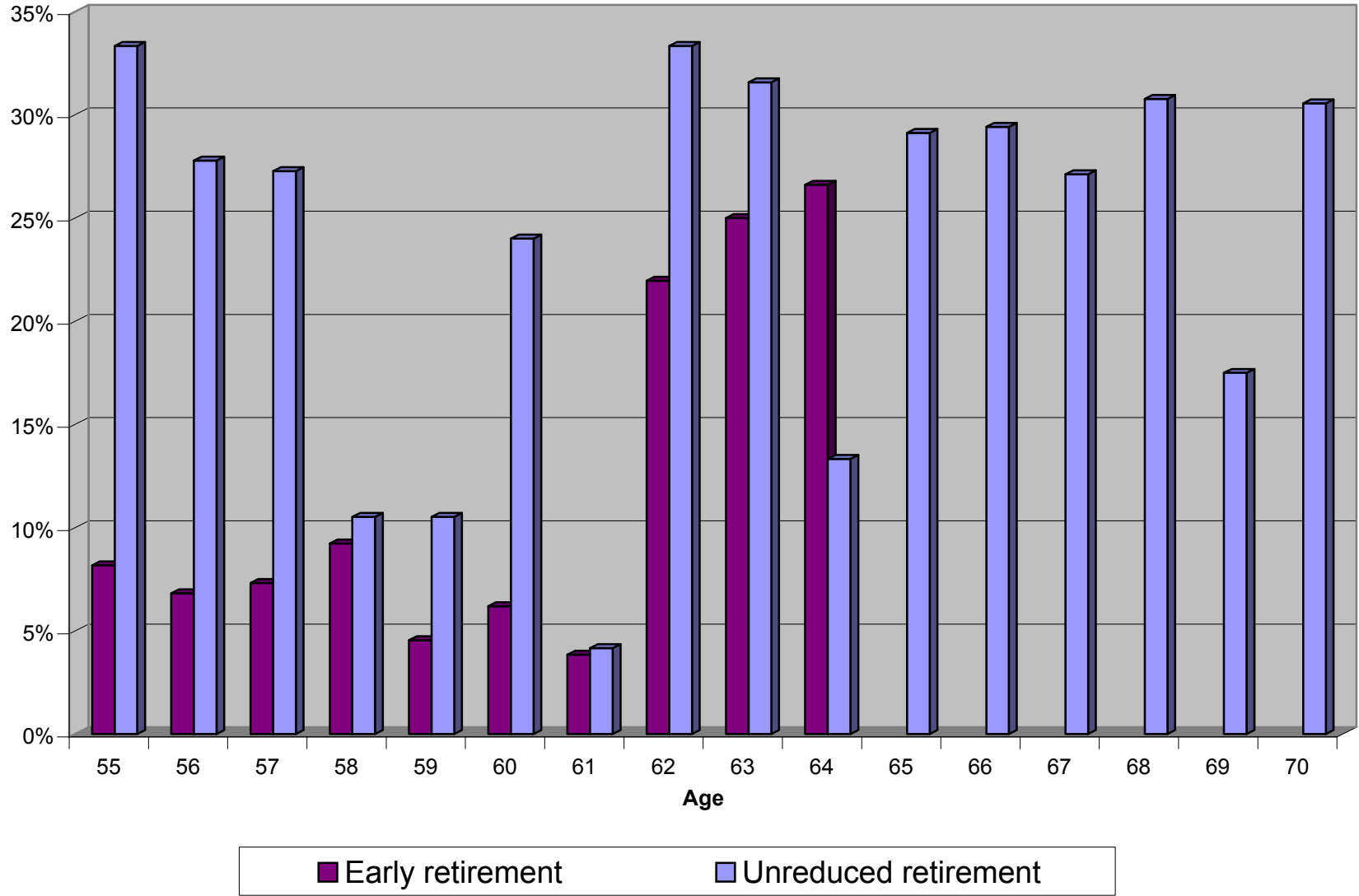
Actual Versus Expected Retirements



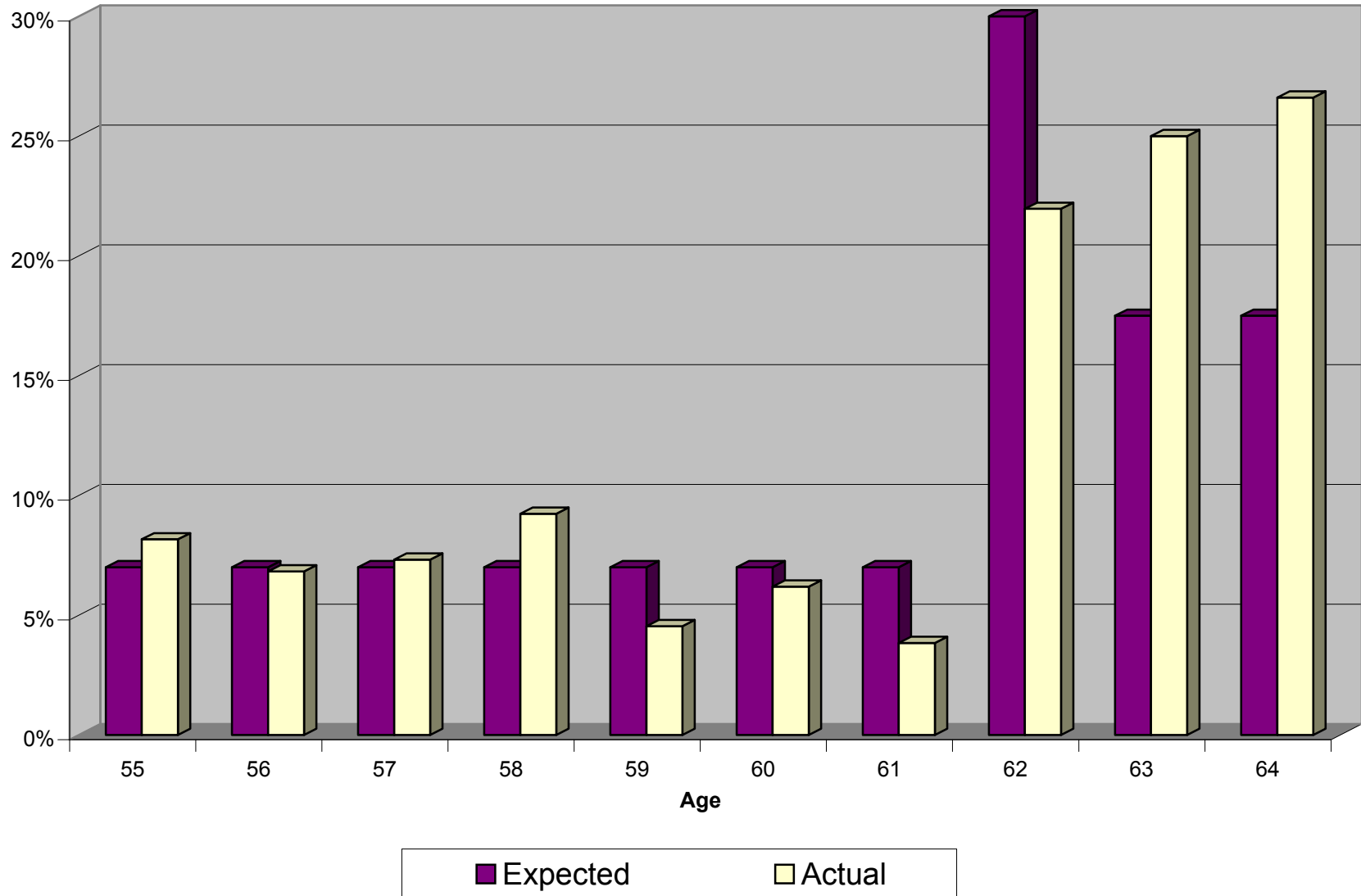
Ratio of Actual Versus Expected Retirements



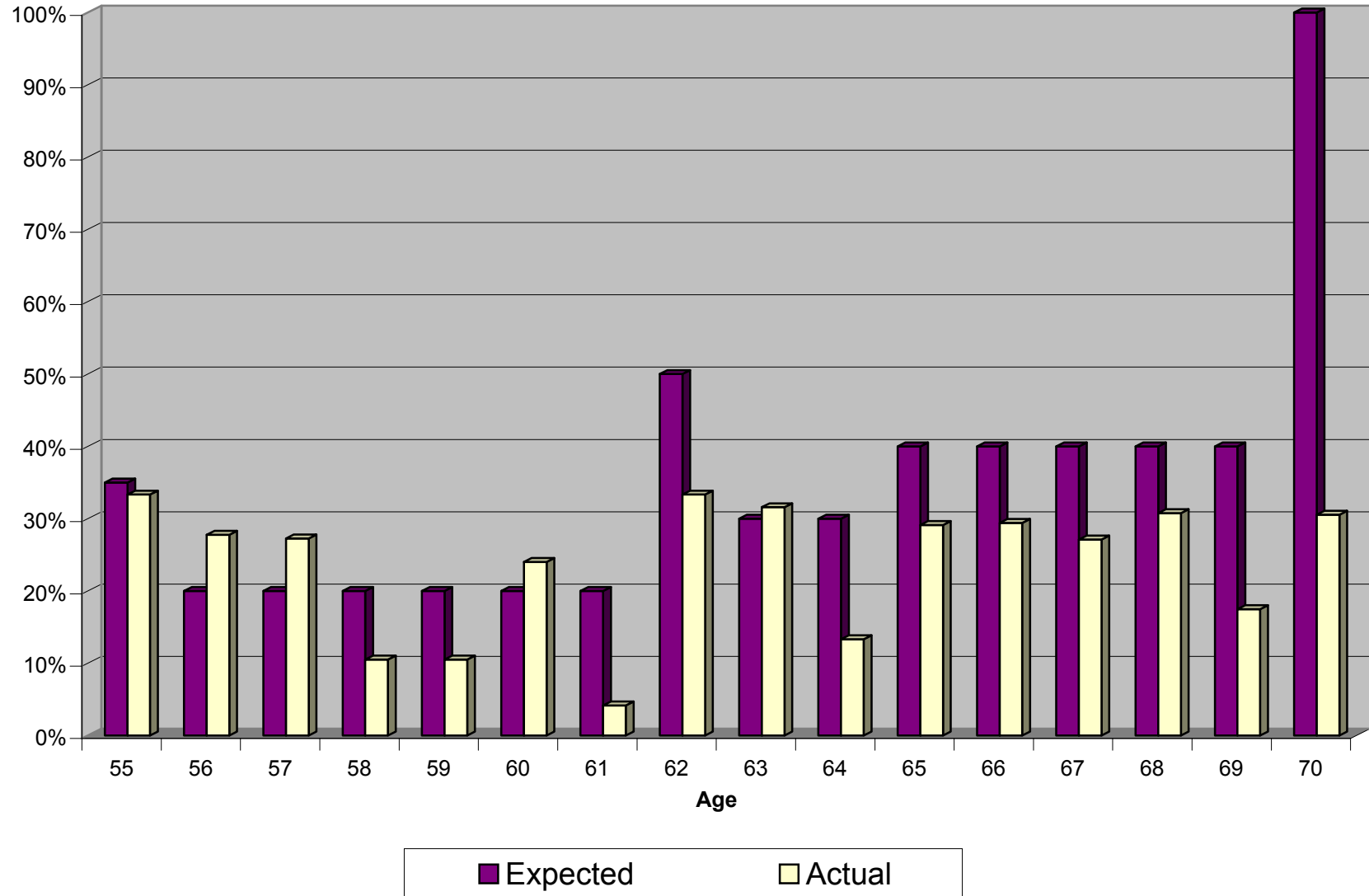
Retirement Rates by Age



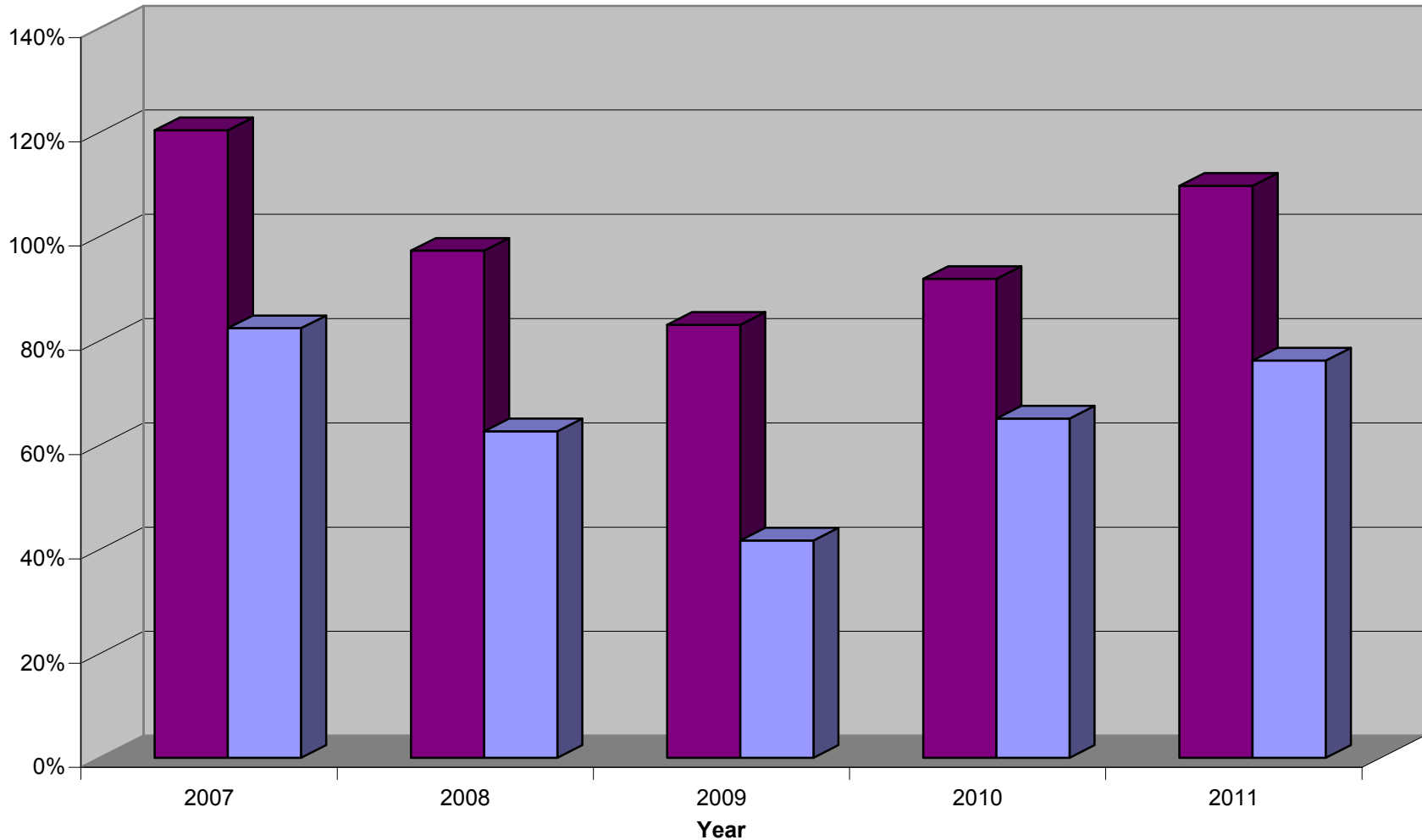
Early (Reduced) Retirement Rates by Age



Unreduced Retirement Rates by Age

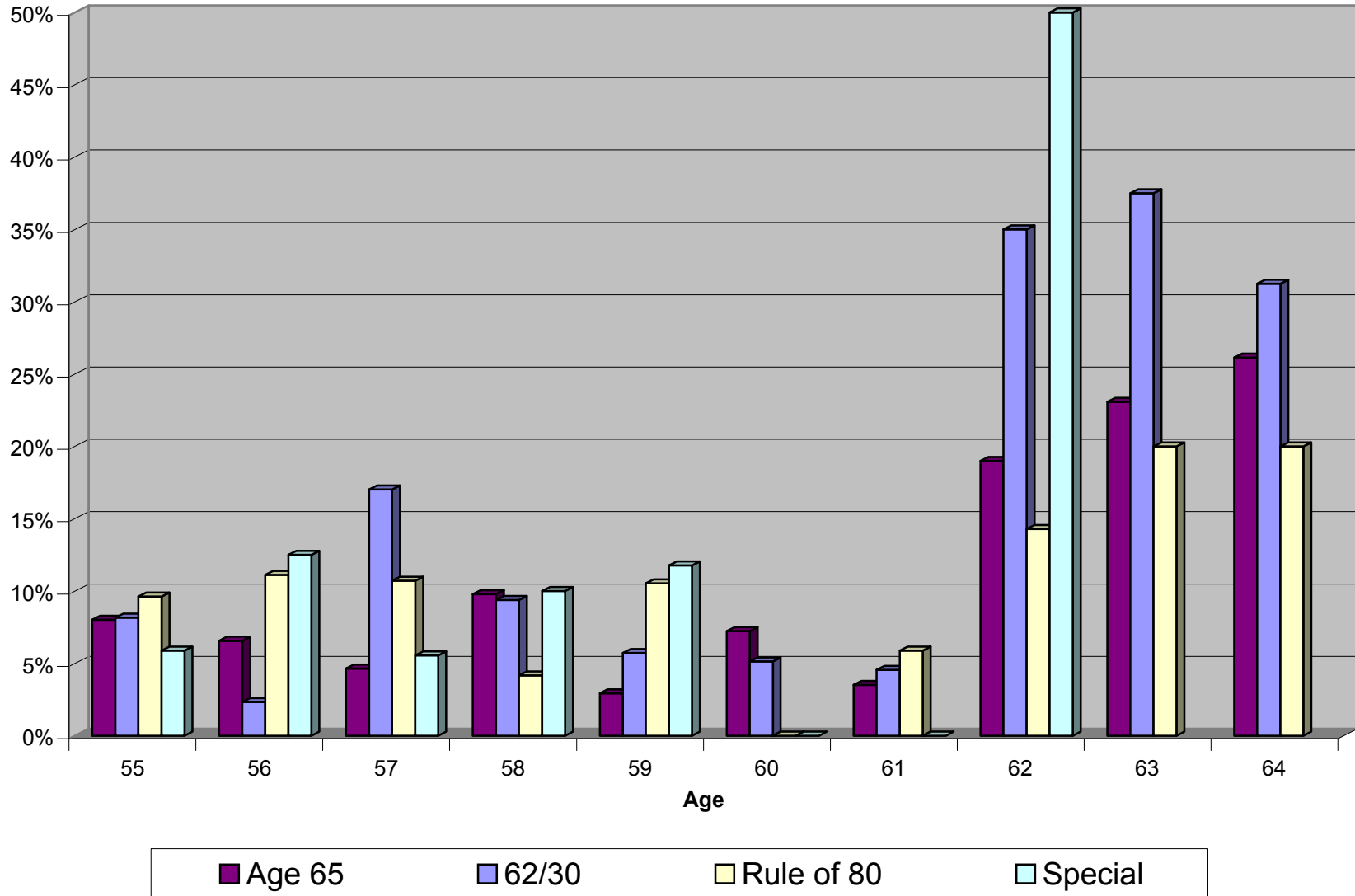


Ratio of Actual Versus Expected Retirements



■ Early retirement ■ Unreduced retirement

Early (reduced) Retirement Rates by Plan Type



Retirement Experience Recommendations

No change to early retirement rates

Evaluate credibility of unreduced retirement experience
(570 life years)

Possible changes if deemed credible

Age group	55-60	61-64	65-69
Expected retirements	30.05	27.00	128.80
Actual retirements	30	17	89
Possible change	none	see list	40% to 30%
Revised expectation	30.05	17.55	96.60

Retirement Experience

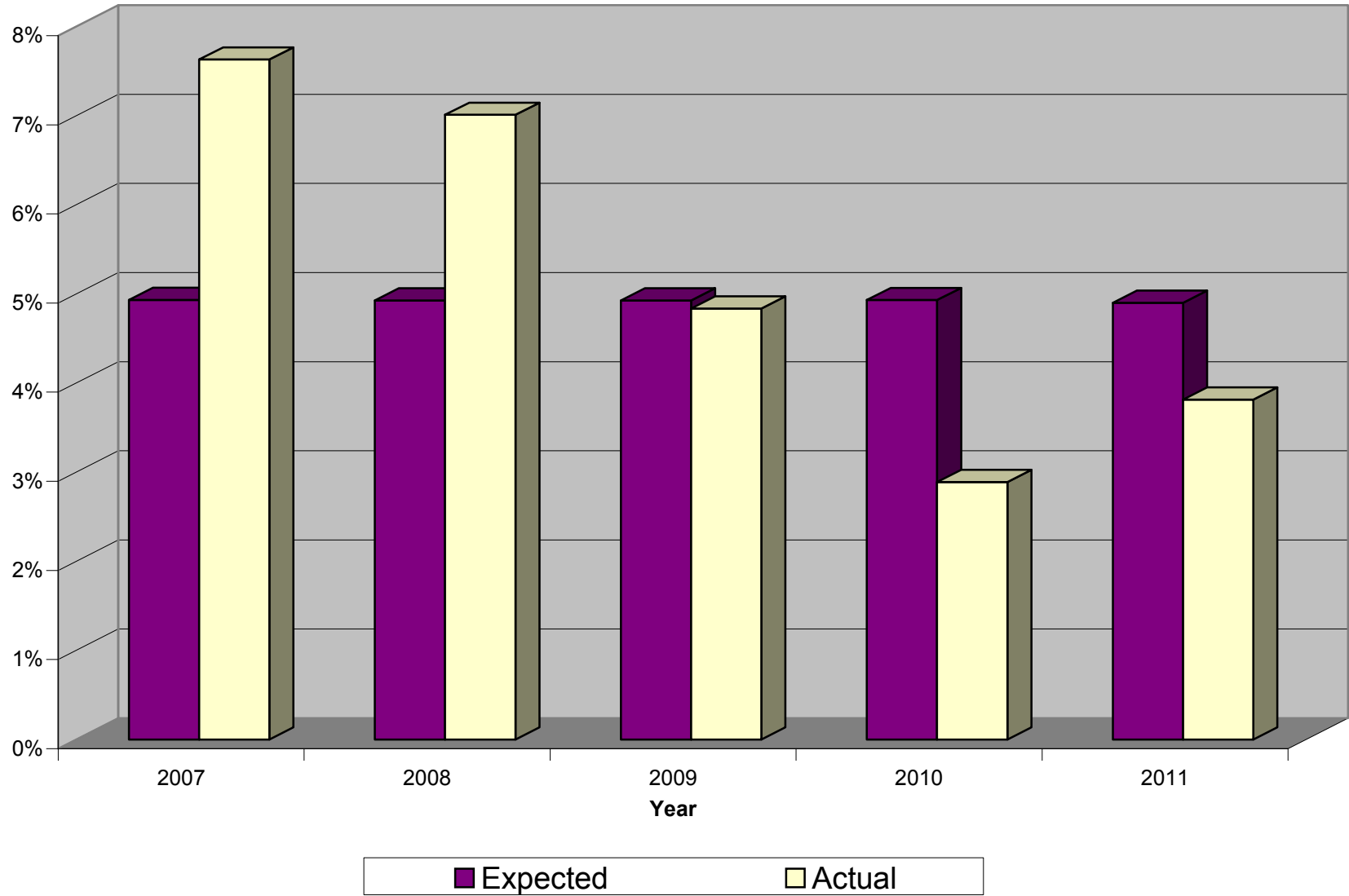
Possible revisions

	Current	Revised
55	35%	35%
56	20%	20%
57	20%	20%
58	20%	20%
59	20%	20%
60	20%	20%
61	20%	10%
62	50%	30%
63	30%	30%
64	30%	15%
65	40%	30%
66	40%	30%
67	40%	30%
68	40%	30%
69	40%	30%

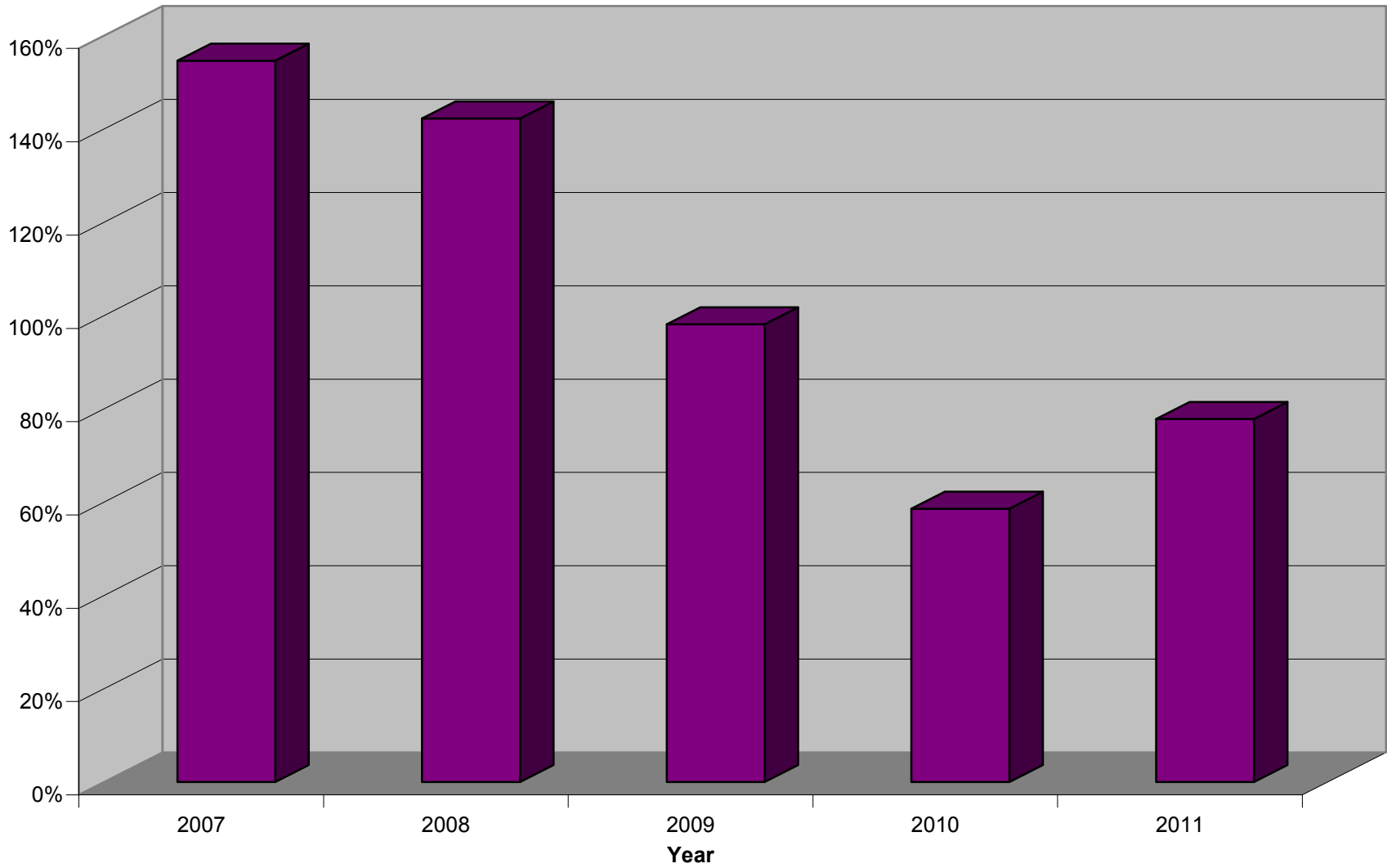
Pay Increase Experience

(9,947 Participant Life Years Exposed)

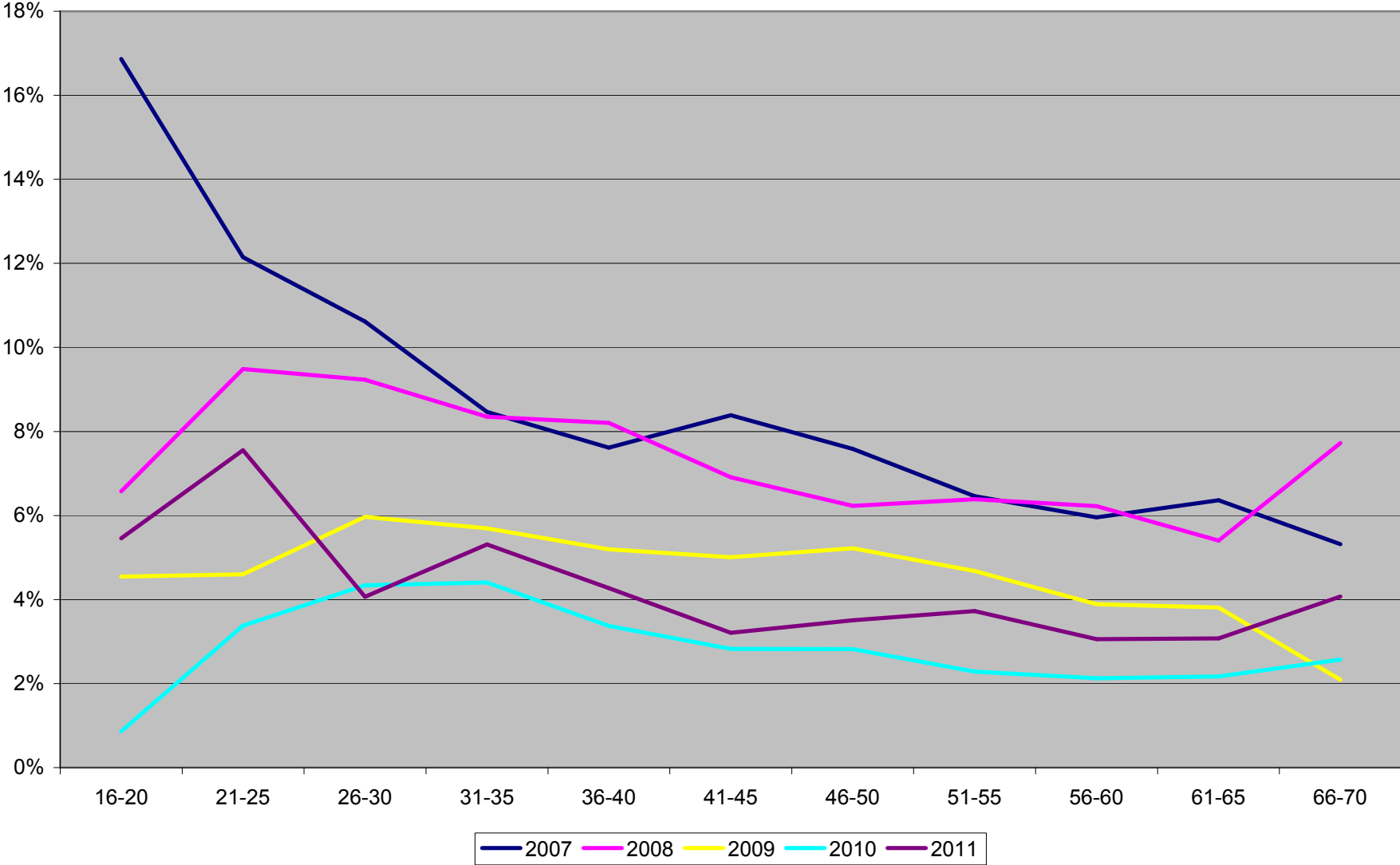
Actual Versus Expected Pay Increases



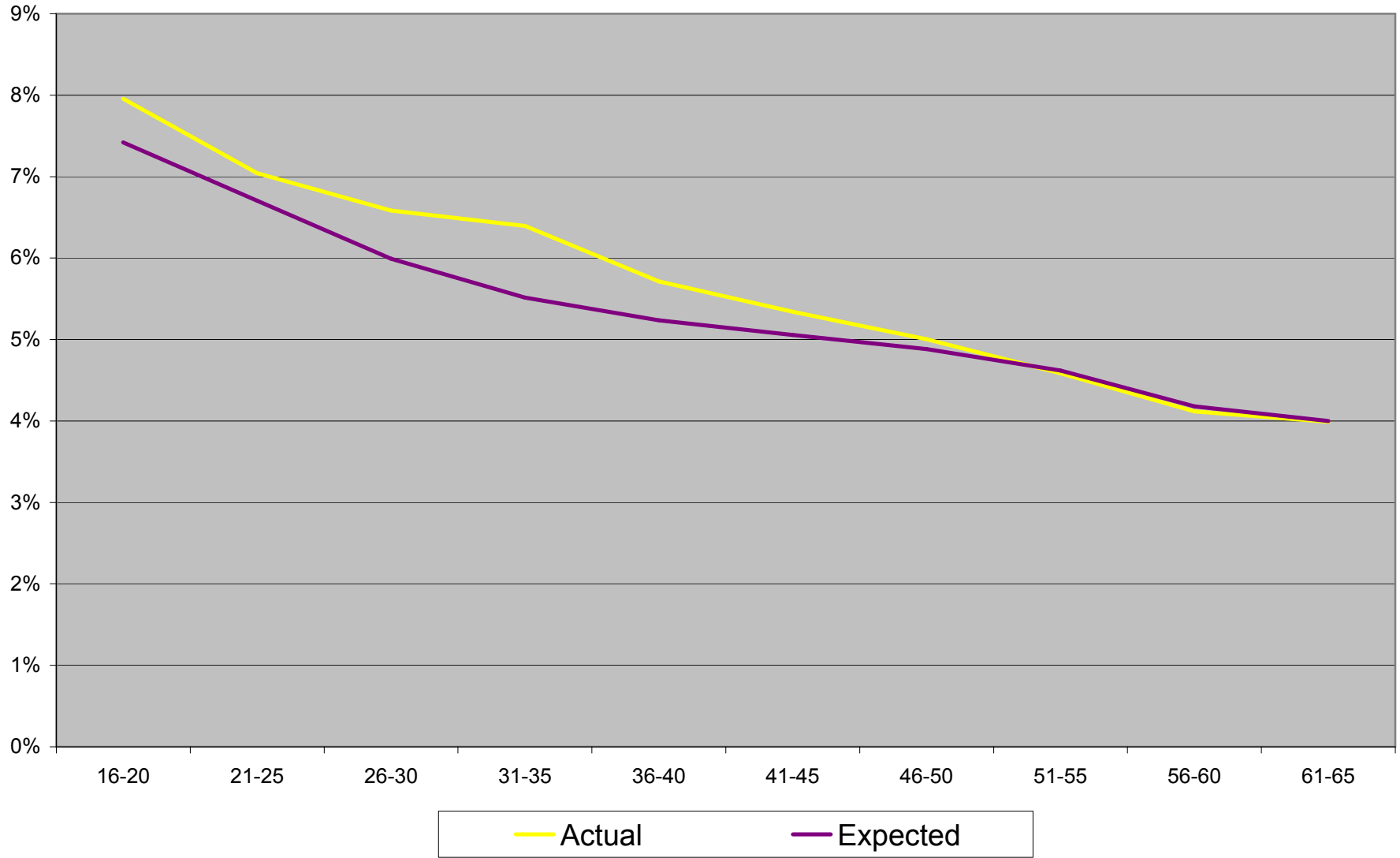
Ratio of Actual Versus Expected Pay Increases



Year by Year Pay Increases by Age



Average Pay Increases by Age



Pay Increase Experience Recommendations

No change to current assumption

Next Steps

Evaluate recent experience in light of future expectations to develop proposed revisions

Re-run 2012 valuations with proposed assumptions and prepare cost impact analysis

Present cost impact analysis at future Board meeting

Determine what changes, if any, will be made for the 2013 valuations