

OTRS	numbers		in millions		AV%	MV%	Years	
	MVA	AVA	AAL	UAAL				
2007	9,293	8,422	16,024	(7,603)	52.6%	58.0%	21.6	
2008	8,634	9,257	18,347	(9,090)	50.5%	47.1%	54.4	*
2009	7,227	9,439	18,951	(9,512)	49.8%	38.1%	infinite	
2010	8,352	9,567	19,981	(10,414)	47.9%	41.8%	infinite	
2011	10,156	9,961	17,561	(7,600)	56.7%	57.8%	22	**
2012	10,195	10,190	18,588	(8,398)	54.8%	54.8%	22	
2013	11,810	10,861	18,973	(8,112)	57.2%	62.2%	17	
2014	14,229	12,369	19,576	(7,207)	63.2%	72.7%	11	
2015	14,405	13,772	20,693	(6,921)	66.6%	69.6%	14	
2016	13,814	14,578	21,260	(6,682)	68.6%	65.0%	17	***
2016	13,814	14,578	22,193	(7,615)	65.7%	62.2%	23	***

* COLA's up from 1% to 2%

** COLA's Ended

*** Investment return assumption changed from 8% to 7.5%

NITTY GRITTY

(in \$millions)

	2017 payroll	contribution
employee	7.00% 4,432.00	310.24
normal cost	10.47% 4,432.00	464.03
ADEC	17.10% 4,432.00	757.87
projected	24.10% 4,432.00	1,068.11

	2016 payroll	contribution
employee	6.92% 4,254.78	294.46
employer	10.24% 4,254.78	435.54
state	6.81% 4,254.78	289.88
total	23.97% 4,254.78	1,019.88
normal cost	10.47% 4,254.78	445.48