

Consider this a sketch on a paper table cloth designed to raise questions of how to value the future pool of individual earnings at age 6 before first grade.

				normal				REAL RISK INCLUDING THAT IN AGE 0-6						
				Per the 4% Solution	\$ 3,500,000	\$ 3,000,000	\$ 2,750,000	\$ 2,250,000	\$ 1,750,000	\$ 3,500,000				
Best	Better	Good	Bad	Best		Better		Good		Worst				
24 per hour	20.50 per hour	18.50 per hour	14.50 per hour	1.860%	PVoFPE-Prek	2.000%	PVoFPE-Prek	2.460%	PVoFPE-Prek	4.200%	PVoFPE-Prek	10.000%	12.000%	
				Zero Risk is		Zero Risk is		Zero Risk is		Zero Risk is		this is 6.5 times more risky		
				100%		100%		100%		100%		12.0/1.86 6.45		
\$ 47,700	\$ 41,000	\$ 37,000	\$ 29,000	year 1	0.9814	\$ 46,813	0.98	0.9754	\$ 36,090	0.958	\$ 27,782	0.9	0.88	
\$ 48,893	\$ 42,025	\$ 37,925	\$ 29,725	year 2	0.96314596	\$ 47,091	0.9604	\$ 40,180	0.95140516	\$ 36,082	0.917764	\$ 27,281	0.81	0.7744
\$ 50,115	\$ 43,076	\$ 38,873	\$ 30,468	year 3	0.945231445	\$ 47,370	0.941192	\$ 40,361	0.928000593	\$ 36,074	0.879217912	\$ 26,788	0.729	0.681472
\$ 51,368	\$ 44,153	\$ 39,845	\$ 31,230	year 4	0.92765014	\$ 47,651	0.92236816	\$ 40,542	0.905171778	\$ 36,067	0.84229076	\$ 26,305	0.6561	0.59969536
\$ 52,652	\$ 45,256	\$ 40,841	\$ 32,011	year 5	0.910395848	\$ 47,934	0.903920797	\$ 40,725	0.882904553	\$ 36,059	0.806914548	\$ 25,830	0.59049	0.527731917
\$ 53,968	\$ 46,388	\$ 41,862	\$ 32,811	year 6	0.893462485	\$ 48,219	0.885842381	\$ 40,908	0.861185101	\$ 36,051	0.773024137	\$ 25,364	0.531441	0.464404087
\$ 55,317	\$ 47,547	\$ 42,909	\$ 33,631	year 7	0.876844083	\$ 48,505	0.868125533	\$ 41,092	0.839999947	\$ 36,043	0.740557123	\$ 24,906	0.4782969	0.408675596
\$ 56,700	\$ 48,736	\$ 43,981	\$ 34,472	year 8	0.860534783	\$ 48,793	0.850763023	\$ 41,277	0.819335949	\$ 36,036	0.709453724	\$ 24,456	0.43046721	0.359634525
\$ 58,118	\$ 49,955	\$ 45,081	\$ 35,334	year 9	0.844528836	\$ 49,082	0.833747762	\$ 41,463	0.799180284	\$ 36,028	0.679656667	\$ 24,015	0.387420489	0.316478382
\$ 59,571	\$ 51,203	\$ 46,208	\$ 36,217	year 10	0.828820599	\$ 49,373	0.817072807	\$ 41,649	0.779520449	\$ 36,020	0.651111087	\$ 23,581	0.34867844	0.278500976
\$ 61,060	\$ 52,483	\$ 47,363	\$ 37,122	year 11	0.813404536	\$ 49,667	0.800731351	\$ 41,837	0.760344246	\$ 36,012	0.623764422	\$ 23,156	0.313810596	0.245808059
\$ 62,587	\$ 53,796	\$ 48,547	\$ 38,051	year 12	0.798275212	\$ 49,961	0.784716724	\$ 42,025	0.741639778	\$ 36,005	0.597566316	\$ 22,738	0.282429536	0.215671156
\$ 64,151	\$ 55,140	\$ 49,761	\$ 39,002	year 13	0.783427293	\$ 50,258	0.769022389	\$ 42,214	0.723395439	\$ 35,997	0.572468531	\$ 22,327	0.254186583	0.189790617
\$ 65,755	\$ 56,519	\$ 51,005	\$ 39,977	year 14	0.768855545	\$ 50,556	0.753641941	\$ 42,404	0.705599911	\$ 35,989	0.548424852	\$ 21,924	0.228767925	0.167015743
\$ 67,399	\$ 57,932	\$ 52,280	\$ 40,976	year 15	0.754554832	\$ 50,856	0.738569103	\$ 42,595	0.688242154	\$ 35,981	0.525391009	\$ 21,529	0.205891132	0.146973854
\$ 69,084	\$ 59,380	\$ 53,587	\$ 42,001	year 16	0.740520112	\$ 51,158	0.723797721	\$ 42,787	0.671311397	\$ 35,974	0.503324586	\$ 21,140	0.185302019	0.129336991
\$ 70,811	\$ 60,865	\$ 54,927	\$ 43,051	year 17	0.726746438	\$ 51,462	0.709321766	\$ 42,979	0.654797136	\$ 35,966	0.482184954	\$ 20,758	0.166771817	0.113816552
\$ 72,581	\$ 62,386	\$ 56,300	\$ 44,127	year 18	0.713228954	\$ 51,767	0.695135331	\$ 43,173	0.638689127	\$ 35,958	0.461933186	\$ 20,384	0.150094635	0.100158566
\$ 74,396	\$ 63,946	\$ 57,707	\$ 45,230	year 19	0.699962896	\$ 52,074	0.681232624	\$ 43,367	0.622977374	\$ 35,950	0.442531992	\$ 20,016	0.135085172	0.088139538
\$ 76,256	\$ 65,545	\$ 59,150	\$ 46,361	year 20	0.686964586	\$ 52,383	0.667607972	\$ 43,562	0.607652133	\$ 35,943	0.423945648	\$ 19,654	0.121576655	0.077562794
\$ 78,162	\$ 67,183	\$ 60,629	\$ 47,520	year 21	0.674166435	\$ 52,694	0.654255812	\$ 43,758	0.592703888	\$ 35,935	0.406139931	\$ 19,300	0.109418989	0.068252528
\$ 80,116	\$ 68,863	\$ 62,145	\$ 48,708	year 22	0.66162694	\$ 53,007	0.641170696	\$ 43,955	0.578123373	\$ 35,927	0.389082054	\$ 18,951	0.09847709	0.060604627
\$ 82,119	\$ 70,584	\$ 63,698	\$ 49,926	year 23	0.649320679	\$ 53,322	0.628347282	\$ 44,153	0.563901538	\$ 35,919	0.372740608	\$ 18,609	0.088629381	0.052856872
\$ 84,172	\$ 72,349	\$ 65,291	\$ 51,174	year 24	0.637243314	\$ 53,638	0.615780337	\$ 44,352	0.550029556	\$ 35,912	0.357085502	\$ 18,273	0.079766443	0.046514047
\$ 86,276	\$ 74,158	\$ 66,923	\$ 52,453	year 25	0.625390588	\$ 53,956	0.60346473	\$ 44,551	0.536498833	\$ 35,904	0.342087911	\$ 17,944	0.071789799	0.040932362
\$ 88,433	\$ 76,012	\$ 68,596	\$ 53,764	year 26	0.613758323	\$ 54,277	0.591395435	\$ 44,752	0.523300961	\$ 35,896	0.327720219	\$ 17,620	0.064610819	0.036020478
\$ 90,644	\$ 77,912	\$ 70,311	\$ 55,108	year 27	0.602342419	\$ 54,599	0.579567526	\$ 44,953	0.510427758	\$ 35,889	0.31395597	\$ 17,302	0.058149737	0.031698021
\$ 92,910	\$ 79,860	\$ 72,069	\$ 56,486	year 28	0.59113885	\$ 54,923	0.567976176	\$ 45,155	0.497871235	\$ 35,881	0.300769819	\$ 16,989	0.052334763	0.027894258
\$ 95,233	\$ 81,856	\$ 73,870	\$ 57,898	year 29	0.580143667	\$ 55,249	0.556616652	\$ 45,358	0.485623603	\$ 35,873	0.288137486	\$ 16,683	0.047101287	0.024546947
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 30	0.569352995	\$ 55,577	0.545484319	\$ 45,563	0.473677262	\$ 35,865	0.276035712	\$ 16,382	0.042391158	0.021601314
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 31	0.558763029	\$ 54,543	0.534574633	\$ 45,768	0.462024801	\$ 34,983	0.264442212	\$ 15,694	0.038152042	0.019009156
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 32	0.548370037	\$ 53,528	0.52388314	\$ 44,852	0.450658991	\$ 34,123	0.253335639	\$ 15,034	0.034336838	0.016728057
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 33	0.538170354	\$ 52,533	0.513405478	\$ 43,955	0.43957278	\$ 33,283	0.242695542	\$ 14,403	0.030903154	0.01472069
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 34	0.528160385	\$ 51,556	0.503137368	\$ 43,076	0.42875929	\$ 32,464	0.23250233	\$ 13,798	0.027812839	0.012954208
\$ 97,614	\$ 83,903	\$ 75,717	\$ 59,346	year 35	0.518336602	\$ 50,597	0.493074621	\$ 42,215	0.418211811	\$ 31,666	0.222737232	\$ 13,219	0.025031555	0.011399703
\$ 96,614	\$ 82,903	\$ 75,717	\$ 59,346	year 36	0.508695541	\$ 49,147	0.483213128	\$ 41,370	0.407923801	\$ 30,887	0.213382268	\$ 12,663	0.0225284	0.010031738
\$ 95,614	\$ 81,903	\$ 75,717	\$ 59,346	year 37	0.499233804	\$ 47,734	0.473548866	\$ 40,060	0.397888875	\$ 30,127	0.204420213	\$ 12,131	0.02027556	0.00882793
\$ 94,614	\$ 80,903	\$ 75,717	\$ 59,346	year 38	0.489948056	\$ 46,356	0.464077888	\$ 38,785	0.388100809	\$ 29,386	0.195834564	\$ 11,622	0.018248004	0.007768578
\$ 93,614	\$ 79,903	\$ 75,717	\$ 59,346	year 39	0.480835022	\$ 45,013	0.454796331	\$ 37,545	0.378553529	\$ 28,663	0.187609512	\$ 11,134	0.016423203	0.006836349
\$ 92,614	\$ 78,903	\$ 75,717	\$ 59,346	year 40	0.471891949	\$ 43,704	0.445700404	\$ 36,339	0.369241112	\$ 27,958	0.179729913	\$ 10,666	0.014780883	0.006015987
\$ 91,614	\$ 77,903	\$ 74,717	\$ 58,346	year 41	0.463114309	\$ 42,428	0.436786396	\$ 35,167	0.360157781	\$ 26,910	0.172181256	\$ 10,046	0.013302795	0.005294069
\$ 90,614	\$ 76,903	\$ 73,717	\$ 57,346	year 42	0.454500383	\$ 41,184	0.428050668	\$ 34,027	0.351297899	\$ 25,897	0.164949644	\$ 9,459	0.011972515	0.00465878
\$ 89,614	\$ 75,903	\$ 72,717	\$ 56,346	year 43	0.446046675	\$ 39,972	0.419489655	\$ 32,918	0.342655971	\$ 24,917	0.158021758	\$ 8,904	0.010775264	0.004099727
\$ 88,614	\$ 74,903	\$ 71,717	\$ 55,346	year 44	0.437750207	\$ 38,791	0.411099862	\$ 31,840	0.334226634	\$ 23,970	0.151384845	\$ 8,379	0.009697737	0.003607759
\$ 87,614	\$ 73,903	\$ 70,717	\$ 54,346	year 45	0.429608053	\$ 37,640	0.402877864	\$ 30,792	0.326004659	\$ 23,054	0.145026681	\$ 7,882	0.008727964	0.003174828
			\$ 53,346	year 46				\$ 29,774			0.138935561	\$ 7,412	0.007855167	0.002793849
			\$ 52,346	year 47							0.133100267	\$ 6,967	0.00706965	0.002458587
				year 48										0.002150353
\$ 3,503,363	\$ 3,003,551	\$ 2,745,156	\$ 2,254,057	year 49										
				year 50										
					PVoFPE Total	\$ 2,226,935	\$ 1,850,175	\$ 1,517,612	\$ 837,397					
					Calc per year									
					50% Calc per year	\$ 1,113,468	\$ 925,087	\$ 758,806	\$ 418,699					
					50% because the 35%									
					50% seemed low based									
					50% on the Heckman									
					50% Graphic of ROI									
					difference	Did not use	\$ 361,653	\$ 320,771	\$ 310,550	\$ 268,961				
					PVoFPE Total	\$ 1,503,628.19	\$ 1,208,633.59	\$ 896,512.81	\$ 299,475.60	\$ 12,371.89	#####			
					50% Use calc at age 67	\$ 751,814.09	\$ 604,316.80	\$ 448,256.41	\$ 149,737.80	\$ 6,185.94	#####			
					50% With higher %									
					50% due to Early Ed									
					50% Per Heckman									
					50% Graphic									
					Snap Used	\$ 750,000.00	\$ 600,000.00	\$ 450,000.00	\$ 150,000.00	\$ -	\$ -			

