

$ds[t]/dt$	-0.00706
$de[t]/dt$	0.00072
$di[t]/dt$	0.00043
$dr[t]/dt$	0.00169
$dDEAD/dt$	0.00419

Year	Number of people in the workforce
1990	0.8
1995	1.0
2000	1.2

150	75	0.97775	0.00649	0.0027	0.00422	-0.000907226	0.000257952	0.000108311	0.0001549	0.00903	0.00037853
151	75.5	0.9771	0.00624	0.00276	0.0043	-0.00029486	0.000262780	0.000100778	0.000158	0.00922	0.00038611
152	76	0.9764	0.00607	0.00281	0.00434	-0.000294301	0.000262796	0.000102178	0.0001611	0.00924	0.00039384
153	76.5	0.97617	0.00608	0.00287	0.00446	-0.0000961388	0.000272702	0.000114617	0.0001643	0.00962	0.00040172
154	77	0.97569	0.00702	0.00293	0.00454	-0.00009081	0.000277778	0.000116279	0.0001676	0.00982	0.00040975
155	77.5	0.9752	0.00728	0.00299	0.00462	-0.000091858	0.000282936	0.00011828	0.000171	0.01003	0.00041793
156	78	0.9747	0.0071	0.00305	0.00471	-0.001018541	0.000288178	0.000121247	0.0001744	0.01025	0.00042627
157	78.5	0.97419	0.00724	0.00311	0.0048	-0.001028278	0.000292499	0.00012351	0.0001778	0.01046	0.00043476
158	79	0.97367	0.00728	0.00317	0.00488	-0.001038154	0.000296905	0.000125831	0.0001814	0.01068	0.00044344
159	79.5	0.97314	0.00724	0.00321	0.00498	-0.001078792	0.000304306	0.000128211	0.0001851	0.01091	0.00045223
160	80	0.9726	0.0072	0.00323	0.00507	-0.001090987	0.000309971	0.000130611	0.0001888	0.01112	0.00046121
161	80.5	0.97205	0.00728	0.00329	0.00516	-0.00112744	0.000311632	0.000133049	0.0001924	0.01139	0.00047036
162	81	0.97149	0.00821	0.00341	0.00526	-0.001142275	0.000313179	0.000135525	0.0001962	0.01162	0.00047969
163	81.5	0.97099	0.00817	0.00349	0.00536	-0.001161177	0.000317232	0.000138042	0.0002001	0.01186	0.00048918
164	82	0.97034	0.00828	0.00357	0.00545	-0.001186453	0.000321311	0.000140528	0.000204	0.01211	0.00049886
165	82.5	0.96974	0.0087	0.00363	0.00556	-0.001209324	0.000328942	0.000143195	0.0002088	0.01236	0.00050871
166	83	0.96914	0.00881	0.00373	0.00566	-0.001232178	0.000336238	0.000145933	0.0002131	0.01262	0.00051874
167	83.5	0.96852	0.00923	0.00389	0.00577	-0.001256511	0.000345447	0.000148811	0.0002183	0.01289	0.00052896
168	84	0.96789	0.00922	0.00395	0.00588	-0.001279472	0.000357899	0.00015121	0.0002206	0.01316	0.00053937
169	84.5	0.96725	0.0094	0.00403	0.00599	-0.001303271	0.000368484	0.000154263	0.0002249	0.01343	0.00054997
170	85	0.9666	0.00955	0.00409	0.0061	-0.001328375	0.000379518	0.000156797	0.0002293	0.01371	0.00056077
171	85.5	0.96594	0.00978	0.00408	0.00621	-0.001353448	0.000373703	0.000159643	0.0002338	0.014	0.00057176
172	86	0.96526	0.00995	0.00418	0.00633	-0.001379338	0.000383808	0.000162632	0.0002384	0.01429	0.00058295
173	86.5	0.96457	0.01014	0.00424	0.00645	-0.001404848	0.000390424	0.000165666	0.000243	0.01459	0.00059434
174	87	0.96387	0.01034	0.00433	0.00657	-0.001431186	0.000397274	0.000168439	0.0002478	0.01489	0.00060595
175	87.5	0.96315	0.01054	0.00441	0.00667	-0.001457995	0.000404148	0.000171457	0.0002526	0.01513	0.00061776
176	88	0.96243	0.01074	0.00451	0.00682	-0.001485161	0.000411146	0.000174518	0.0002575	0.01551	0.00062978
177	88.5	0.96168	0.01099	0.00458	0.00695	-0.001512808	0.000418236	0.000177624	0.0002625	0.01584	0.00064202
178	89	0.96093	0.01115	0.00467	0.00708	-0.0015409	0.000425416	0.000180773	0.0002676	0.01616	0.00065447
179	89.5	0.96016	0.01137	0.00476	0.00722	-0.00156844	0.000432687	0.000183867	0.0002727	0.0165	0.00066715
180	90	0.95937	0.01158	0.00486	0.00735	-0.001595817	0.000440018	0.000187204	0.0002778	0.01684	0.00068005
181	90.5	0.95857	0.0118	0.00495	0.00749	-0.001623789	0.00044745	0.000190646	0.0002834	0.01718	0.00069318
182	91	0.95778	0.01203	0.00504	0.00763	-0.001652808	0.000455041	0.000193813	0.0002888	0.01754	0.00070654
183	91.5	0.95693	0.01226	0.00514	0.00778	-0.001682198	0.000462672	0.000197184	0.0002944	0.01791	0.00072014
184	92	0.95609	0.01249	0.00524	0.00792	-0.001715944	0.000470522	0.000200549	0.0003	0.01825	0.00073397
185	92.5	0.95523	0.01272	0.00534	0.00807	-0.001750372	0.000478626	0.000204058	0.0003077	0.01864	0.00074805
186	93	0.95435	0.01296	0.00544	0.00823	-0.001782178	0.000486976	0.000207563	0.0003136	0.01902	0.00076237
187	93.5	0.95346	0.01321	0.00553	0.00838	-0.001814465	0.000494878	0.000211111	0.0003175	0.01941	0.00077693
188	94	0.95255	0.01345	0.00565	0.00854	-0.001847338	0.000503147	0.000214704	0.0003236	0.0198	0.00079175
189	94.5	0.95163	0.0137	0.00576	0.0087	-0.001880499	0.000511093	0.000218241	0.0003287	0.02021	0.00080681
190	95	0.95069	0.01398	0.00587	0.00887	-0.001913425	0.000518538	0.000222032	0.0003336	0.02062	0.00082214
191	95.5	0.94979	0.01421	0.00598	0.00904	-0.001946499	0.000526859	0.000225747	0.0003403	0.02104	0.00083772
192	96	0.94878	0.01448	0.00609	0.00921	-0.001981244	0.000535262	0.000229515	0.0003488	0.02146	0.00085357
193	96.5	0.94777	0.01473	0.00619	0.00938	-0.002016489	0.000543741	0.000233326	0.0003584	0.0219	0.00086986
194	97	0.94676	0.01502	0.00632	0.00954	-0.002052427	0.000552304	0.000237181	0.0003682	0.02234	0.00088606
195	97.5	0.94573	0.01531	0.00644	0.00974	-0.002092094	0.000560941	0.000241078	0.0003788	0.02279	0.00090272
196	98	0.94468	0.01558	0.00659	0.00993	-0.002137275	0.000569653	0.000245017	0.0003877	0.02329	0.00091965
197	98.5	0.94362	0.01586	0.00669	0.01011	-0.002184513	0.000578481	0.000248998	0.0003977	0.02372	0.00093685
198	99	0.94254	0.01615	0.00681	0.01031	-0.002232999	0.000587299	0.000253021	0.0004089	0.0242	0.00095434
199	99.5	0.94144	0.01644	0.00694	0.0105	-0.002282991	0.000596267	0.000257081	0.0004217	0.02468	0.00097211
200	100	0.94032	0.01674	0.00706	0.0107	-0.002332937	0.000605221	0.000261186	0.0004355	0.02518	0.00099017
201	100.5	0.93918	0.01704	0.0072	0.0109	-0.002383718	0.00061428	0.000265239	0.0004491	0.02568	0.00100852
202	101	0.93802	0.01735	0.00737	0.0111	-0.002435853	0.000623491	0.000269591	0.0004638	0.0262	0.00102716
203	101.5	0.93684	0.01766	0.00746	0.0112	-0.002489801	0.000632892	0.000273729	0.0004787	0.02672	0.00104661
204	102	0.93564	0.01798	0.00756	0.0113	-0.00254377	0.000642433	0.000277985	0.00049431	0.02725	0.00106634
205	102.5	0.93443	0.01831	0.00764	0.0115	-0.002598151	0.00065211	0.00028278	0.0005104	0.02779	0.00108688
206	103	0.93318	0.01863	0.00788	0.0117	-0.002653048	0.000662051	0.000288055	0.0005271	0.02835	0.00110742
207	103.5	0.93195	0.01896	0.00805	0.0119	-0.002708458	0.000672199	0.000293597	0.0005439	0.02891	0.00112846
208	104	0.93063	0.01929	0.00821	0.0121	-0.002764381	0.00068259	0.000299361	0.0005617	0.02948	0.00115012
209	104.5	0.92931	0.01963	0.00832	0.0124	-0.002820187	0.000693242	0.000305979	0.0005791	0.03007	0.00116609
210	105	0.9279	0.01999	0.00847	0.0126	-0.002876974	0.000704249	0.000312048	0.0005967	0.03067	0.00118277
211	105.5	0.92656	0.02031	0.00862	0.0128	-0.002934211	0.000715797	0.000318376	0.0006143	0.03126	0.00119987
212	106	0.92522	0.02064	0.00877	0.0131	-0.002991817	0.000727634	0.000324911	0.0006322	0.03185	0.00121828
213	106.5	0.92389	0.02104	0.00893	0.0134	-0.003050267	0.000739877	0.000331794	0.0006501	0.03245	0.00123732
214	107	0.92248	0.0214	0.0091	0.0137	-0.003109581	0.000752561	0.000338922	0.0006682	0.03304	0.00125748
215	107.5	0.92104	0.02177	0.00925	0.01415	-0.003169237	0.000764818	0.000346294	0.0006865	0.03379	0.00127736
216	108	0.91958	0.02214	0.00943	0.01442	-0.003229279	0.000776833	0.000353967	0.0007053	0.03445	0.00129736
217	108.5	0.91809	0.02253	0.00959	0.01469	-0.003289749	0.000789169	0.000361802	0.0007244	0.03512	0.00131768
218	109	0.91658	0.0229	0.00975	0.01496	-0.003350631	0.000797585	0.000369854	0.0007435	0.03581	0.00133737
219	109.5	0.91505	0.02328	0.00992	0.01524	-0.003412696	0.000806713	0.000378028	0.0007627	0.0365	0.00135737
220	110	0.9135	0.02368	0.01009	0.01552	-0.003475248	0.000816036	0.000386326	0.000782	0.03721	0.00137737
221	110.5	0.91195	0.02408	0.01027	0.01581	-0.003538186	0.000826326	0.000394602	0.0008017	0.03793	0.00139736
222	111	0.91033	0.02448	0.01045	0.0161	-0.003601263	0.000836748	0.000402948	0.000821	0.03866	0.00141736
223	111.5	0.90868	0.02489	0.01062	0.01644	-0.003664591	0.000847309	0.000411232	0.0008408	0.03941	0.00143736
224	112	0.90702	0.0253	0.0108	0.01671	-0.003728162	0.000858242	0.000419642	0.0008606	0.04017	0.00145736
225	112.5	0.90534	0.02573	0.01101	0.017	-0.003791584	0.000869347	0.000428175	0.0008801	0.04094	0.00147736
226	113	0.90363	0.02614	0.01118	0.01733	-0.003856091	0.000881497	0.00043688	0.0008998	0.04172	0.00149736
227	113.5	0.9019	0.02654	0.01137	0.01765	-0.003921703	0.000893764	0.000445821	0.0009192	0.04252	0.00151736
228	114	0.90014	0.02695	0.01157	0.01797	-0.003988311</					