

APPENDIX V
DECIMAL FRACTIONS OF A YEAR
(From Beginning of Year to Beginning of Day)

The procedure for calculating the Service and Ages can be simplified when decimal equivalents are used. This Table converts data into decimals and the calculations of Service periods and Ages then become merely subtraction problems.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Day
1	.000	.083	.167	.250	.333	.417	.500	.583	.667	.750	.833	.917	1
2	.003	.086	.169	.253	.336	.419	.503	.586	.669	.753	.836	.919	2
3	.005	.089	.172	.256	.339	.422	.505	.589	.672	.755	.839	.922	3
4	.008	.092	.175	.258	.341	.425	.508	.591	.675	.758	.842	.925	4
5	.011	.095	.177	.261	.344	.428	.511	.594	.678	.761	.844	.927	5
6	.013	.098	.180	.264	.347	.431	.513	.597	.681	.763	.847	.930	6
7	.016	.101	.183	.267	.349	.433	.516	.599	.683	.766	.850	.933	7
8	.019	.104	.185	.269	.352	.436	.519	.602	.686	.769	.853	.935	8
9	.021	.107	.188	.272	.355	.439	.521	.605	.689	.771	.856	.938	9
10	.024	.110	.191	.275	.358	.442	.524	.608	.692	.774	.858	.941	10
11	.027	.113	.194	.278	.360	.444	.527	.610	.694	.777	.861	.944	11
12	.030	.116	.196	.281	.363	.447	.530	.613	.697	.780	.864	.946	12
13	.032	.119	.199	.283	.366	.450	.532	.616	.700	.782	.867	.949	13
14	.035	.122	.202	.286	.368	.453	.535	.618	.703	.785	.869	.952	14
15	.038	.125	.204	.289	.371	.456	.538	.621	.706	.788	.872	.954	15
16	.040	.128	.207	.292	.374	.458	.540	.624	.708	.790	.875	.957	16
17	.043	.131	.210	.294	.376	.461	.543	.626	.711	.793	.878	.960	17
18	.046	.134	.212	.297	.379	.464	.546	.629	.714	.796	.881	.962	18
19	.048	.137	.215	.300	.382	.467	.548	.632	.717	.798	.883	.965	19
20	.051	.140	.217	.303	.384	.469	.551	.634	.719	.801	.886	.968	20
21	.054	.143	.220	.306	.387	.472	.554	.637	.722	.804	.889	.970	21
22	.056	.146	.223	.308	.390	.475	.556	.640	.725	.806	.892	.973	22
23	.059	.149	.226	.311	.392	.478	.559	.642	.728	.809	.894	.976	23
24	.062	.152	.228	.314	.395	.481	.562	.645	.731	.812	.897	.978	24
25	.065	.155	.231	.317	.398	.483	.565	.648	.733	.815	.900	.981	25
26	.067	.158	.234	.319	.401	.486	.567	.651	.736	.817	.903	.984	26
27	.070	.161	.237	.322	.403	.489	.570	.653	.739	.820	.906	.987	27
28	.073	.164	.239	.325	.406	.492	.573	.656	.742	.823	.908	.989	28
29	.075	.164	.242	.328	.409	.494	.575	.659	.744	.825	.911	.992	29
30	.078	-	.245	.331	.411	.497	.578	.661	.747	.828	.914	.995	30
31	.081	-	.247	-	.414	-	.581	.664	-	.831	-	.997	31

EXAMPLE 1: If Employee was born on July 12, 1917 and if his retirement date is May 1, 1980, his exact age at retirement is 1980.333 less 1917.530 = 62.803 years.

EXAMPLE 2: If Employee's last continuous period of employment extended from October 18, 1966 to March 24, 1983, his Service is computed as decimal equivalent as of the day after the date of termination (1983.231) less decimal equivalent of date hired (1966.796), namely 16,435 years.