

ANEXOS

Mortalidad Hombres								
Edad	q_x	p_x	Edad	q_x	p_x	Edad	q_x	p_x
15	0.00043	0.99957	47	0.00399	0.99601	79	0.06664	0.93336
16	0.00046	0.99954	48	0.00426	0.99574	80	0.07341	0.92659
17	0.00049	0.99951	49	0.00456	0.99544	81	0.08083	0.91917
18	0.00053	0.99947	50	0.00489	0.99511	82	0.08895	0.91105
19	0.00058	0.99942	51	0.00525	0.99475	83	0.09781	0.90219
20	0.00063	0.99937	52	0.00565	0.99435	84	0.10747	0.89253
21	0.00069	0.99931	53	0.00609	0.99391	85	0.11789	0.88211
22	0.00076	0.99924	54	0.00658	0.99342	86	0.1291	0.8709
23	0.00083	0.99917	55	0.00712	0.99288	87	0.14114	0.85886
24	0.0009	0.9991	56	0.00772	0.99228	88	0.15403	0.84597
25	0.00097	0.99903	57	0.00839	0.99161	89	0.1678	0.8322
26	0.00106	0.99894	58	0.00912	0.99088	90	0.18247	0.81753
27	0.00114	0.99886	59	0.00994	0.99006	91	0.19806	0.80194
28	0.00123	0.99877	60	0.01085	0.98915	92	0.21457	0.78543
29	0.00132	0.99868	61	0.01186	0.98814	93	0.23201	0.76799
30	0.00141	0.99859	62	0.01298	0.98702	94	0.25038	0.74962
31	0.00151	0.99849	63	0.01422	0.98578	95	0.26966	0.73034
32	0.00161	0.99839	64	0.00156	0.99844	96	0.28983	0.71017
33	0.00172	0.99828	65	0.001713	0.99829	97	0.31086	0.68914
34	0.00183	0.99817	66	0.01883	0.98117	98	0.33273	0.66727
35	0.00194	0.99806	67	0.02071	0.97929	99	0.35536	0.64464
36	0.00206	0.99794	68	0.02279	0.97721	100	0.37871	0.62129
37	0.00219	0.99781	69	0.0251	0.9749	101	0.40271	0.59729
38	0.00232	0.99768	70	0.02765	0.97235	102	0.42728	0.57272
39	0.00246	0.99754	71	0.03048	0.96952	103	0.45233	0.54767
40	0.00261	0.99739	72	0.03361	0.96639	104	0.47775	0.52225
41	0.00276	0.99724	73	0.03707	0.96293	105	0.50346	0.49654
42	0.00293	0.99707	74	0.04088	0.95912	106	0.52933	0.47067
43	0.00311	0.99689	75	0.04509	0.95491	107	0.55525	0.44475
44	0.0033	0.9967	76	0.04973	0.95027	108	0.58111	0.41889
45	0.00351	0.99649	77	0.05484	0.94516	109	0.60677	0.39323
46	0.00374	0.99626	78	0.06046	0.93954	110	1	0

Tabla I. 1 Tablas de Experiencia Demográfica de Mortalidad para Activos Hombres
EMSSAH-97
Fuente: CNSF

Mortalidad Mujeres								
Edad	q_x	p_x	Edad	q_x	p_x	Edad	q_x	p_x
15	0.00015	0.99985	47	0.00185	0.99815	79	0.0433	0.9567
16	0.00015	0.99985	48	0.00206	0.99794	80	0.04772	0.95228
17	0.00016	0.99984	49	0.00229	0.99771	81	0.05256	0.94744
18	0.00017	0.99983	50	0.00254	0.99746	82	0.05787	0.94213
19	0.00018	0.99982	51	0.00281	0.99719	83	0.06368	0.93632
20	0.00019	0.99981	52	0.0031	0.9969	84	0.07003	0.92997
21	0.00021	0.99979	53	0.00343	0.99657	85	0.077	0.923
22	0.00022	0.99978	54	0.00378	0.99622	86	0.08464	0.91536
23	0.00024	0.99976	55	0.00417	0.99583	87	0.09303	0.90697
24	0.00025	0.99975	56	0.00459	0.99541	88	0.10221	0.89779
25	0.00026	0.99974	57	0.00505	0.99495	89	0.11226	0.88774
26	0.00027	0.99973	58	0.00555	0.99445	90	0.12325	0.87675
27	0.00028	0.99972	59	0.0061	0.9939	91	0.13526	0.86474
28	0.0003	0.9997	60	0.00672	0.99328	92	0.14835	0.85165
29	0.00031	0.99969	61	0.0074	0.9926	93	0.16262	0.83738
30	0.00033	0.99967	62	0.00815	0.99185	94	0.17815	0.82185
31	0.00035	0.99965	63	0.00899	0.99101	95	0.195	0.805
32	0.00038	0.99962	64	0.00991	0.99009	96	0.21327	0.78673
33	0.00041	0.99959	65	0.01092	0.98908	97	0.23303	0.76697
34	0.00044	0.99956	66	0.01205	0.98795	98	0.25435	0.74565
35	0.00048	0.99952	67	0.01329	0.98671	99	0.27728	0.72272
36	0.00053	0.99947	68	0.01467	0.98533	100	0.30188	0.69812
37	0.0006	0.9994	69	0.01619	0.98381	101	0.32818	0.67182
38	0.00067	0.99933	70	0.01787	0.98213	102	0.35619	0.64381
39	0.00075	0.99925	71	0.01972	0.98028	103	0.38589	0.61411
40	0.00085	0.99915	72	0.02177	0.97823	104	0.41723	0.58277
41	0.00095	0.99905	73	0.02402	0.97598	105	0.45014	0.54986
42	0.00107	0.99893	74	0.02652	0.97348	106	0.4845	0.5155
43	0.00119	0.99881	75	0.02926	0.97074	107	0.52012	0.47988
44	0.00134	0.99866	76	0.03228	0.96772	108	0.55679	0.44321
45	0.00149	0.99851	77	0.03561	0.96439	109	0.59423	0.40577
46	0.00166	0.99834	78	0.03927	0.96073	110	1	0

Tabla I. 2 Tablas de Experiencia Demográfica de Mortalidad para Activos Mujeres
EMSSAM-97
Fuente: CNSF

Rotación		
Edad	$q_x^{(r)}$	$p_x^{(r)}$
15	0	1
16	0	1
17	0	1
18	0	1
19	0	1
20	0.0816	0.9184
21	0.0709	0.9291
22	0.0608	0.9392
23	0.0523	0.9477
24	0.0465	0.9535
25	0.0452	0.9548
26	0.0439	0.9561
27	0.0427	0.9573
28	0.0414	0.9586
29	0.0401	0.9599
30	0.0388	0.9612
31	0.0375	0.9625
32	0.0361	0.9639
33	0.0348	0.9652
34	0.0335	0.9665
35	0.0322	0.9678
36	0.0309	0.9691
37	0.0297	0.9703
38	0.0286	0.9714
39	0.0272	0.9728
40	0.0266	0.9734
41	0.0248	0.9752
42	0.0238	0.9762
43	0.0227	0.9773
44	0.0216	0.9784
45	0.02	0.98
46	0.0121	0.9879
47	0.0041	0.9959
48	0.0014	0.9986
49	0.0005	0.9995
50	0	1

Tabla I. 3 Experiencia Demográfica de Rotación sin distinción de sexo
Fuente: ISSSTE

Invalidez		
Edad	r_x	$1-r_x$
15	0.0005	0.9995
16	0.0005	0.9995
17	0.0005	0.9995
18	0.0005	0.9995
19	0.0005	0.9995
20	0.0005	0.9995
21	0.0005	0.9995
22	0.0005	0.9995
23	0.0005	0.9995
24	0.0006	0.9994
25	0.0006	0.9994
26	0.0006	0.9994
27	0.0006	0.9994
28	0.0007	0.9993
29	0.0007	0.9993
30	0.0007	0.9993
31	0.0008	0.9992
32	0.0008	0.9992
33	0.0008	0.9992
34	0.0009	0.9991
35	0.0009	0.9991
36	0.001	0.999
37	0.0011	0.9989
38	0.0012	0.9988
39	0.0013	0.9987
40	0.0014	0.9986
41	0.0016	0.9984
42	0.0018	0.9982
43	0.002	0.998
44	0.0022	0.9978
45	0.0024	0.9976
46	0.0027	0.9973
47	0.003	0.997
48	0.0033	0.9967
49	0.0036	0.9964
50	0.004	0.996
51	0.0045	0.9955
52	0.0051	0.9949
53	0.0057	0.9943
54	0.0063	0.9937
55	0.007	0.993
56	0.0079	0.9921
57	0.0089	0.9911
58	0.01	0.99
59	0.0111	0.9889

60	0.012	0.988
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Tabla I. 4 Experiencia Demográfica de Invalidez sin distinción de sexo
Fuente: ISSSTE