

# Life Tables

STA 220 – Lecture #7

# Life Tables

- A **life table** is a table which indicates the probability of someone (or something)
- Used extensively in the insurance business
  - Life Insurance
  - Based on gender, smoking status, current age, etc.

# Life Tables

Age	Male	Female	Age	Male	Female
0	1.000	1.000	55	0.824	0.900
1	0.974	0.980	60	0.755	0.863
5	0.970	0.977	65	0.658	0.807
10	0.967	0.975	70	0.538	0.725
15	0.965	0.974	75	0.402	0.607
20	0.959	0.971	80	0.261	0.448
25	0.951	0.968	85	0.131	0.262
30	0.944	0.965	90	0.075	0.130
35	0.936	0.960	95	0.035	0.089
40	0.924	0.953	100	0.020	0.060
45	0.905	0.942	105	0.010	0.040
50	0.874	0.925	Finally	0.000	0.000