

TABLE D.4: Random Number Intervals for LED-TV Demand Values

DEMAND FOR HD TVs	FREQUENCY OF OCCURRENCE (IN DAYS)	PROBABILITY OF DEMAND	CUMULATIVE PROBABILITY	RANDOM NUMBER INTERVALS
0	15	$15 / 100 = 0.15$	0.15	00 to 14
5	30	$30 / 100 = 0.30$	$0.15 + 0.30 = 0.45$	15 to 44
10	40	$40 / 100 = 0.40$	$0.45 + 0.40 = 0.85$	45 to 84
20	10	$10 / 100 = 0.10$	$0.85 + 0.10 = 0.95$	85 to 94
25	5	$5 / 100 = 0.05$	$0.95 + 0.05 = 1.00$	95 to 99
	Total = 100 days	$100 / 100 = 1.00$		