

## Example 5: Using Targets for Planning & Capacity

### The Challenge

To accurately forecast the number of testers required over the next few months, planners need a mechanism to calculate the throughput of testers on their products (measured in Units per Hour – UPH). Planners want to make sure that the actual throughput of the testers matches the engineers’ expectations.

### The Solution

A table of monthly targets is defined for the UPH measure in the Optimal+ solution. The target UPH is specified for each of the products being tested. A report is created to display the actual UPH (based on real test data) and compare it to the pre-specified target. The solution-generated view immediately highlights testers that are under performing. These testers are then investigated and plans are adjusted to allow for the shortfall.

		Work Week:		WW2009-03		
Area	Product	Tester	Run Rate (UPH)	Gross Test Time (Secs)	Total Units	Yield
FinalTest	Cupid	Tester#67	1,016.76	528,792	88,580	92.22 %
FinalTest	Cupid	Tester#68	1,018.82	604,569	110,397	92.43 %
FinalTest	Orchid	Tester#209	1,126.39	108,622	24,821	98.43 %
FinalTest	Orchid	Tester#3	751.99	360,437	49,539	95.39 %
FinalTest	Orchid	Tester#5	809.66	258,177	37,186	96.63 %
FinalTest	Orchid	Tester#69	1,062.08	45,819	10,579	98.60 %
Sort	Cupid	Tester#194	7,229.18	134,185	128,744	97.18 %
Sort	Cupid	Tester#77	14,857.78	273,237	262,570	97.61 %
Sort	Cupid	Tester#82	24,830.71	329,629	314,237	97.50 %
Sort	Cupid	Tester#84	15,966.15	302,409	277,804	96.04 %
Sort	Cupid	Tester#86	10,493.26	62,789	55,055	96.70 %
Sort	Jasmin	Tester#194	1,476.20	556,988	82,116	96.98 %
Sort	Jasmin	Tester#78	1,503.32	409,400	60,434	94.54 %
Sort	Jasmin	Tester#85	1,509.68	476,635	71,272	95.31 %
Sort	Jasmin	Tester#87	1,541.44	583,322	83,886	94.71 %