



PROCUREMENT AND INVENTORY MANAGEMENT

Handout (H3:M3)

HANDOUT 3: FORECASTING (H3:M3)

| Quarterly Supply requirements for Xpert MTB/RIF Ultra testing | | | | | | | |
|--|------------------------------|-----------------------------------|--|-------------------|------------------------------|----------------|-------------------------------------|
| Laboratory Regional reference laboratory | | | | | | | |
| Region Western Region | | | | | Supply Quarter 3 | | |
| District Urban | | | | | Year 2016 | | |
| Total tests performed in previous quarter, including failed tests (A) 756 | | | | | | | |
| Items | Quantity needed per test (B) | Stock for one month (C) = (A/3)*B | Stock for quarter with 1 month buffer (D)= C*4 | Stock on hand (E) | Calculated request (F) = D-E | Order unit (G) | Actual order (H) = F/G and round up |
| Sputum container | 1 | 252 | 1,008 | 250 | 758 | 100 pack | 8 packs |
| Xpert MTB/RIF Ultra | 1 | 252 | 1,008 | 175 | 833 | 10 kit | 84 kits |
| Bleach (L) | 0.015 | 0.378 | 1.512 | 3L | -1.488 | 4L bottle | 0 bottles |