

***PROCUREMENT AND INVENTORY MANAGEMENT***

Handout (H1:M3)

HANDOUT 1: FORECASTING (H1:M3)

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| Quarterly Supply requirements for Xpert MTB/RIF 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) **630** | | | | | | | |
| 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** | **210** | **840** | **30** | **810** | **100 pack** | **9 packs** |
| Xpert MTB/RIF | **1** | **210** | **840** | **100** | **740** | **50 kit** | **15 kits** |
| Concentrated bleach (L) | **0.0015** | **0.315** | **1.26** | **0.25L** | **1.01** | **1L bottle** | **2 bottles** |