

NORTH WEST REGION –RUSTENBURG CHEMISTRY AND IMMUNOASSAY LAB: LARGE

| ANALYTE | Sodium | Potassium | Chloride | Bicarbonate | Urea | Creatinine | Magnesium | Calcium | Phosphorus | ALT |
|------------------------|--------|-----------|----------|-------------|------|------------|-----------|---------|------------|------|
| Monthly average volume | 5462 | 5462 | 5462 | 5462 | 5462 | 14604 | 1824 | 1824 | 1824 | 2094 |

| ANALYTE | AST | AMY | BILD | BILT | LDH | GGT | ALP | TP | ALB | Glucose |
|------------------------|------|-----|------|------|-----|------|------|------|------|---------|
| Monthly average volume | 2013 | 97 | 1985 | 2194 | 141 | 1738 | 1645 | 1610 | 2851 | 243 |

| ANALYTE | TROPT | CK | CKMB | UA | CHOL | TRIG | HDL | TSH | FT4 | FT3 |
|------------------------|-------|-----|------|-----|------|------|------|-----|-----|-----|
| Monthly average volume | 258 | 267 | 233 | 599 | 2369 | 1141 | 1141 | 701 | 641 | 556 |

| ANALYTE | CRP | HIV | ADA | HBA1C | CARB | ACETA | BETA-HCG | Total PSA | Lipase | TPAB (syphilis) |
|------------------------|------|-----|-----|-------|------|-------|----------|-----------|--------|-----------------|
| Monthly average volume | 2733 | 267 | 125 | 953 | 82 | 70 | 324 | 472 | 78 | 2567 |

| ANALYTE | IRON | Transferrin | Ferritin | CSF protein | CSF- glucose | CSF- chloride | Urine Protein | Urine creatinine |
|------------------------|------|-------------|----------|-------------|--------------|---------------|---------------|------------------|
| Monthly average volume | 311 | 301 | 142 | 84 | 84 | 84 | 65 | 65 |

NORTH WEST REGION –TSHEPONG CHEMISTRY AND IMMUNOASSAY LAB: LARGE

| Cost Centre Name | Description | Total Current Monthly Volumes |
|-----------------------|---------------------------------|-------------------------------|
| Tshepong - Laboratory | Carcino Embryonic Antigen Ria | 117 |
| Tshepong - Laboratory | Rheumatoid Factor Neph | 251 |
| Tshepong - Laboratory | HIV Elisa | 452 |
| Tshepong - Laboratory | RPR Slide Test | 636 |
| Tshepong - Laboratory | Treponema Pallidum ab Test | 3474 |
| Tshepong - Laboratory | Hepatitis B Surface Ag | 2033 |
| Tshepong - Laboratory | Hepatitis B Core IgM | 389 |
| Tshepong - Laboratory | Hepatitis C Total Ab | 298 |
| Tshepong - Laboratory | Serum Ferritin Assay Ria | 577 |
| Tshepong - Laboratory | Serum Folate | 585 |
| Tshepong - Laboratory | Serum Vitamin B12 | 659 |
| Tshepong - Laboratory | Alanine Transaminase - A | 3000 |
| Tshepong - Laboratory | Albumin - A | 2836 |
| Tshepong - Laboratory | Amylase Total - A | 123 |
| Tshepong - Laboratory | Aspartate Transaminase - A | 2841 |
| Tshepong - Laboratory | Bilirubin Total - A | 2771 |
| Tshepong - Laboratory | Bilirubin Direct Automated | 2753 |
| Tshepong - Laboratory | C-Reactive Protein Nephelometer | 3269 |
| Tshepong - Laboratory | Calcium - A | 2185 |
| Tshepong - Laboratory | Carbamazepine Level | 138 |
| Tshepong - Laboratory | Chloride - A | 8388 |
| Tshepong - Laboratory | Cholesterol Total - A | 2787 |
| Tshepong - Laboratory | Cholesterol Hdl - A | 2129 |
| Tshepong - Laboratory | Cholinesterase Total - M | 27 |
| Tshepong - Laboratory | CO2 Content -A | 8379 |
| Tshepong - Laboratory | Creatine Kinase - A | 204 |
| Tshepong - Laboratory | Creatine Kinase M-B -A | 231 |
| Tshepong - Laboratory | Creatinine - Automated | 22814 |
| Tshepong - Laboratory | Glucose - A | 292 |
| Tshepong - Laboratory | Glutamyl Transpeptidase - A | 2498 |
| Tshepong - Laboratory | Iron - A | 512 |

| | | |
|-----------------------|-------------------------------|---------------|
| Tshepong - Laboratory | Lactate Dehydrogenase Total-A | 458 |
| Tshepong - Laboratory | Magnesium Colorimetric - A | 2144 |
| Tshepong - Laboratory | Myoglobin Ria | 22 |
| Tshepong - Laboratory | Paracetamol | 99 |
| Tshepong - Laboratory | Phosphatase Alkaline - A | 2574 |
| Tshepong - Laboratory | Phosphorus -A | 2157 |
| Tshepong - Laboratory | Potassium - A | 8424 |
| Tshepong - Laboratory | Protein Total-A | 2372 |
| Tshepong - Laboratory | Sodium - A | 8427 |
| Tshepong - Laboratory | Transferrin - A | 494 |
| Tshepong - Laboratory | Triglyceride -A | 2212 |
| Tshepong - Laboratory | Troponin T | 231 |
| Tshepong - Laboratory | Urea - A | 8536 |
| Tshepong - Laboratory | Uric Acid Automated | 283 |
| Tshepong - Laboratory | Creatinine - A | 274 |
| Tshepong - Laboratory | Protein Total Quan - M | 268 |
| Tshepong - Laboratory | Glycated Haemoglobin - A | 921 |
| Tshepong - Laboratory | Lactate - A | 6 |
| Tshepong - Laboratory | Adenosine Deaminase | 391 |
| Tshepong - Laboratory | Glucose A | 304 |
| Tshepong - Laboratory | Protein Total M | 243 |
| Tshepong - Laboratory | Adenosine Deaminase - M | 86 |
| Tshepong - Laboratory | Lactate Dehydrogenase Total | 28 |
| Tshepong - Laboratory | Ca-15.3 Tumour Marker | 89 |
| Tshepong - Laboratory | BHCG Titre Profile | 393 |
| Tshepong - Laboratory | Follicle-Stimulating Hormone | 87 |
| Tshepong - Laboratory | Luteinizing Hormone -Lh- | 89 |
| Tshepong - Laboratory | Oestradiol Total | 76 |
| Tshepong - Laboratory | Progesterone | 64 |
| Tshepong - Laboratory | Prolactin | 77 |
| Tshepong - Laboratory | Prostatic Specific Antigen | 723 |
| Tshepong - Laboratory | Thyroid Stimulating Hormone | 1381 |
| Tshepong - Laboratory | Thyroxine Free -Free T4 | 1007 |
| Tshepong - Laboratory | Free Hormone (T.3) | 183 |
| Total | | 122771 |

NORTH WEST REGION –JOE MOROLONG CHEMISTRY LAB: MEDIUM

| Test | Average Monthly |
|-----------|-----------------|
| ALT | 1034 |
| ALB | 653 |
| AMY | 80 |
| AST | 746 |
| BILI T | 721 |
| BILI D | 711 |
| CRP | 953 |
| CL | 1705 |
| CHOL | 506 |
| HDL | 202 |
| CO2 | 1705 |
| CREAT | 3126 |
| GLU | 93 |
| GGT | 679 |
| K+ | 1705 |
| NA+ | 1705 |
| TRIG | 240 |
| UREA | 1729 |
| URIC ACID | 149 |
| CSF TP | 18 |
| ALP | 670 |

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|--------------------|--------------|
| TP | 627 |
| Mg | 84 |
| Calcium | 86 |
| Phosphate | 83 |
| Trop T | 53 |
| HbA1c | 303 |
| PSA | 164 |
| Grand Total | 20528 |

NORTH WEST REGION –GANYESA CHEMISTRY LAB: SMALL

| Description | Average monthly Volumes |
|---------------------------------|-------------------------|
| Urea | 746 |
| Potassium - A | 746 |
| Sodium | 738 |
| Chlorides Coulometric M | 733 |
| CO2 | 733 |
| Alanine Transaminase - A | 281 |
| Albumin - A | 360 |
| Amylase Total - A | 13 |
| Aspartate Transaminase - A | 276 |
| Bilirubin Direct Automated | 276 |
| Bilirubin Total - A | 276 |
| Calcium - A | 44 |
| Cholesterol Hdl - A | 239 |
| Cholesterol Total - A | 422 |
| C-Reactive Protein Nephelometer | 427 |
| Creatine Kinase - A | 11 |
| Creatinine - Automated | 2224 |
| Glucose -A | 51 |
| Glutamyl Transpeptidase - A | 255 |
| Lactate Dehydrogenase Total-A | 11 |

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|------------------------------|--------------|
| Magnesium Colorimetric - A | 67 |
| Phosphatase Alkaline - A | 262 |
| Phosphorus -A | 67 |
| Protein Total M | 247 |
| Protein Total-A | 251 |
| Triglyceride -A | 267 |
| Uric Acid Automated | 81 |
| Hepatitis B Surface Ag Rapid | 144 |
| Hepatitis B Surface Ag | 51 |
| RPR Slide Test | 113 |
| Rheumatoid Factor Neph | 44 |
| Glycated Haemoglobin - A | 104 |
| Prostatic Specific Antigen | 52 |
| Grand Total | 10612 |

NORTH WEST REGION –THUSONG CHEMISTRY LAB: SMALL

| TEST | MONTHLY Average |
|--------------------|-----------------|
| ALT | 311 |
| Alb | 333 |
| AST | 308 |
| Dbil | 305 |
| Tbil | 307 |
| CL+ | 533 |
| K+ | 533 |
| NA+ | 533 |
| Chol Hdl – A | 137 |
| Chol Total – A | 192 |
| CRP | 245 |
| Creatinine | 909 |
| Urea | 533 |
| GGT | 302 |
| ALP | 302 |
| Total Protein | 286 |
| Triglyceride | 138 |
| Grand Total | 6207 |

NORTH WEST REGION –WOLMARANSTAD CHEMISTRY LAB: SMALL

| Wolmarans Chemistry Volume | Monthly Average |
|-----------------------------------|------------------------|
| Creatinine(plus MDRD) | 367 |
| Sodium | 354 |
| Potasium | 355 |
| Chloride | 353 |
| Bicarbonate | 353 |
| Urea | 354 |
| HbA1c | 13 |
| Calcium | 74 |
| Magnesium | 74 |
| Inorganic phosphate | 74 |
| Uric acid | 82 |
| Total protein | 222 |
| Albumin | 234 |
| Total bilirubin | 221 |
| Conjugated bilirubin | 229 |
| Alanine transaminase | 228 |
| AST | 218 |
| ALP | 216 |
| GGT | 148 |
| LD | 16 |
| Creatine Kinase | 24 |
| CK-MB | 8 |
| CK MB mass | 2 |

| | |
|-----------------------|-----------|
| Troponin I high sens | 2 |
| Amylase | 12 |
| Lipase | 43 |
| Lipid profile | 22 |
| Total Cholesterol | 154 |
| C-reactive protein | 160 |
| Haptoglobin | 1 |
| Rheumatoid factor | 7 |
| Iron | 13 |
| Transferrin | 21 |
| Ferritin | 18 |
| Vitamin B12 | 20 |
| Serum folate | 11 |
| Red cell folate | 18 |
| Troponin I high sens | 16 |
| Beta-HCG | 6 |
| Prostate -specific Ag | 4 |
| Carcinoembronic Ag | 2 |
| CA19-9 | 16 |
| TSH | 43 |
| free T4 | 39 |
| free T3 | 31 |
| LH | 1 |
| E2 | 1 |
| Prolactin | 1 |
| Carbamazepine/Tegr | 5 |

| | |
|--------------------|-------------|
| Valproate/Epilim | 5 |
| Serum indices | 73 |
| Aldolase | 1 |
| Grand Total | 4995 |

NORTH WEST REGION –MAFIKENG CHEMISTRY AND IMMUNOASSAY LAB: LARGE

| Description | Monthly Volumes |
|---------------------------------|-----------------|
| Adenosine Deaminase | 61 |
| Alanine Transaminase - A | 2171 |
| Albumin - A | 1829 |
| Amylase Total - A | 173 |
| Aspartate Transaminase - A | 2105 |
| BHCG Titre Profile | 228 |
| Bilirubin Direct Automated | 1803 |
| Bilirubin Total - A | 1834 |
| Calcium - A | 488 |
| Cannabinoid - Emit | 60 |
| Carbamazepine Level | 52 |
| Chlorides Coulometric M | 4601 |
| Cholesterol Hdl - A | 692 |
| Cholesterol Total - A | 1429 |
| CO2 | 4601 |
| C-Reactive Protein Nephelometer | 2435 |
| Creatine Kinase - A | 141 |
| Creatine Kinase M-B -A | 94 |
| Creatinine - Automated | 8247 |
| Follicle-Stimulating Hormone | 73 |
| Free Hormone (T.3) | 207 |
| Glucose - A | 1419 |
| Glutaryl Transpeptidase - A | 1694 |
| Glycated Haemoglobin - A | 442 |
| Hepatitis B Surface Ag | 606 |
| HIV Elisa | 169 |

| | |
|-----------------------------------|-----------------|
| Iron - A | 154 |
| Lactate Dehydrogenase Total-A | 384 |
| Luteinizing Hormone -Lh- | 76 |
| Magnesium Colorimetric - A | 455 |
| Oestradiol Total | 73 |
| Paracetamol | 24 |
| Phenobarbitone Emit - A | 9 |
| Phenytoin Levels Abbot | 20 |
| Phosphatase Alkaline - A | 1831 |
| Phosphorus -A | 450 |
| Potassium - A | 4601 |
| Progesterone | 72 |
| Prolactin | 71 |
| Prostatic Specific Antigen | 336 |
| Protein Total - A | 1612 |
| Protein Total Quan - Microprotein | 68 |
| Serum Ferritin Assay Ria | 86 |
| Sodium | 4601 |
| Thyroid Stimulating Hormone | 331 |
| Thyroxine Free -Free T4 | 248 |
| Transferrin - A | 152 |
| Triglyceride -A | 799 |
| Troponin T | 82 |
| Urea | 362 |
| Uric Acid Automated | 484 |
| Grand Total | 55034,64 |

NORTH WEST REGION -LEHURUTSHE CHEMISTRY LAB: SMALL

| Test | Average Monthly |
|-----------|-----------------|
| ALB | 291 |
| TP | 310 |
| ALT | 347 |
| AST | 300 |
| BILT | 294 |
| BILD | 284 |
| ALP | 248 |
| GGT | 272 |
| UREA | 40 |
| CRT | 2500 |
| NA^ | 14 |
| KA | 10 |
| CL^ | 10 |
| CO2^ | 10 |
| CA | 50 |
| MG | 50 |
| PHOS | 55 |
| CK | 10 |
| CKMB | 11 |
| CHOL | 160 |
| CHOL-HDL | 100 |
| TRIG | 110 |
| CRP | 350 |
| AMY | 15 |
| URIC ACID | 80 |
| BHCG* | 23 |

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| GLUC | 131 |
| TP-CSF | 10 |
| UREA,CRT,CO2 &E | 890 |
| RPR# | 390 |
| RAPID HEPATITIS B | 40 |
| PSA* | 52 |
| TSH* | 65 |
| HBAIC* | 70 |
| TROPT | 10 |
| Grand Total | 7602 |

NORTH WEST REGION –BRITS HOSPITAL CHEMISTRY LAB: SMALL

| Test | Average Monthly |
|-------------------------------|------------------------|
| Profile Discrete Analyser U&E | 1767 |
| ALT | 475 |
| ALB | 449 |
| AST | 450 |
| BILI T | 467 |
| BILI D | 462 |
| CRP | 1109 |
| CL | 114 |
| CO2 | 5 |
| CREAT | 4288 |
| GLU | 64 |
| GGT | 440 |
| K+ | 15 |
| NA+ | 16 |
| LDH | 431 |
| UREA | 9 |
| URIC ACID | 109 |
| CSF TP | 37 |
| ALP | 453 |
| TP | 434 |
| Grand Total | 11594 |

NORTH WEST REGION –TAUNG CHEMISTRY LAB: SMALL

| Test | Monthly Average |
|--------------------|------------------------|
| ALT | 647 |
| AST | 618 |
| TBIL | 593 |
| DBIL | 574 |
| CHOL | 235 |
| CRP | 545 |
| ALB | 573 |
| CO2 | 1269 |
| CREAT | 2816 |
| GLU | 100 |
| GGT | 575 |
| K+ | 1267 |
| NA+ | 1261 |
| UREA | 1283 |
| URIC ACID | 152 |
| CSF TP | 25 |
| ALP | 587 |
| TP | 580 |
| Mg | 102 |
| Calcium | 139 |
| Phosphate | 133 |
| CL | 1284 |
| HbA1c | - |
| PSA | - |
| Grand Total | 15358 |

Note: U&E profile has Na+; CL-; K+; UREA & CO2

NORTH WEST REGION –GELUKSPAN CHEMISTRY LAB: SMALL

| Description | Average monthly Volumes |
|---------------------------------|--------------------------------|
| Urea | 744 |
| Potassium - A | 739 |
| Sodium | 740 |
| Chlorides Coulometric M | 738 |
| CO2 | 736 |
| Alanine Transaminase - A | 388 |
| Albumin - A | 285 |
| Amylase Total - A | 19 |
| Aspartate Transaminase - A | 351 |
| Bilirubin Direct Automated | 280 |
| Bilirubin Total - A | 281 |
| Calcium - A | 66 |
| Cholesterol Hdl - A | 218 |
| Cholesterol Total - A | 402 |
| C-Reactive Protein Nephelometer | 449 |
| Creatine Kinase - A | 13 |
| Creatinine - Automated | 2133 |
| Glucose -A | 40 |
| Glutamyl Transpeptidase - A | 260 |
| Lactate Dehydrogenase Total-A | 21 |

| | |
|------------------------------|--------------|
| Magnesium Colorimetric -A | 65 |
| Phosphatase Alkaline - A | 266 |
| Phosphorus -A | 65 |
| Protein Total M | 249 |
| Protein Total-A | 282 |
| Triglyceride -A | 242 |
| Uric Acid Automated | 75 |
| Hepatitis B Surface Ag Rapid | 127 |
| Hepatitis B Surface Ag | 70 |
| Rheumatoid Factor Neph | 43 |
| Glycated Haemoglobin - A | 103 |
| BHCG | 51 |
| Prostatic Specific Antigen | 51 |
| Grand Total | 10592 |

NORTH WEST REGION –MOSES KOTANE CHEMISTRY LAB: SMALL

| Description | Monthly Volumes |
|-----------------------------------|-----------------|
| Urea | 1412 |
| Potassium - A | 1425 |
| Sodium | 1403 |
| Chlorides Coulometric M | 1408 |
| CO2 | 1406 |
| Alanine Transaminase - A | 656 |
| Albumin - A | 577 |
| Amylase Total - A | 14 |
| Aspartate Transaminase - A | 636 |
| Bilirubin Direct Automated | 520 |
| Bilirubin Total - A | 529 |
| Calcium - A | 128 |
| Cholesterol Hdl - A | 61 |
| Cholesterol Total - A | 61 |
| C-Reactive Protein Nephelometer | 909 |
| Creatine Kinase - A | 53 |
| Creatine Kinase M-B -A | 230 |
| Creatinine - Automated | 1636 |
| Glucose - A | 40 |
| Glutamyl Transpeptidase - A | 664 |
| Lactate Dehydrogenase Total-A | 7 |
| Magnesium Colorimetric - A | 126 |
| Phosphatase Alkaline - A | 555 |
| Phosphorus -A | 126 |
| Protein Total Quan - Microprotein | 0 |
| Protein Total-A | 501 |
| Triglyceride -A | 61 |
| Uric Acid Automated | 149 |
| Grand Total | 15293 |

NORTH WEST REGION –POTCHEFSTROOM CHEMISTRY LAB: MEDIUM

| Code | Description | Average Volumes Per Month |
|------|--------------------------------|---------------------------|
| 877 | HIV ELISA | 137 |
| 2661 | PROFILE DISCRETE ANALYSER U& E | 4000 |
| 2685 | ALT | 1015 |
| 2700 | Albumin | 1600 |
| 2730 | AMYLASE | 69 |
| 2755 | AST | 1076 |
| 2780 | Bilirubin T | 1229 |
| 2786 | Bilirubin D | 1214 |
| 2799 | CRP | 1500 |
| 2825 | Calcium | 1103 |
| 2845 | Chloride | 11 |
| 2855 | Cholesterol | 1475 |
| 2865 | HDL | 1151 |
| 2880 | Cholinesterase | 14 |
| 2925 | CK | 52 |
| 2960 | Creatinine | 5800 |
| 3020 | Glucose | 167 |
| 3040 | Glutamyl Transpetidase | 1023 |
| 3130 | LDH | 52 |
| 3210 | Magnesium | 1077 |
| 3295 | Phosphatase Alkaline | 1041 |
| 3320 | Phosphorus- A | 1078 |
| 3330 | Potassium-A | 70 |
| 3355 | Protein Total | 900 |

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| 3375 | Sodium -A | 51 |
| 3440 | Triglycerides | 1246 |
| 3443 | Troponin- T | 108 |
| 3455 | UREA -A | 182 |
| 3465 | Uric Acid | 150 |
| 3640 | Creat -A | 54 |
| 3860 | Protein - M | 55 |
| 4061 | Glyated Haemoglobin | 603 |
| 4180 | Chlorides Coulometric M | 100 |
| 4195 | Glucose A | 100 |
| 4235 | Protein total M | 100 |
| 4320 | AMYLASE -M | 22 |
| 4345 | Glucose -A | 50 |
| 4365 | LDH | 25 |
| 4415 | Protein Total | 24 |
| 4465 | Uric acid | 21 |
| 4592 | Prostatic Specific Antigen | 200 |
| 4605 | Thyroid stimulating hormone | 600 |
| 4610 | T4 | 500 |
| Grand Total | | 31045 |

FREE STATE REGION –BETHLEHEM CHEMISTRY AND IMMUNOASSAY LAB: MEDIUM

| Test | Estimated volumes/month |
|-----------------------------|-------------------------|
| Adenosine Deaminase | 50 |
| Alanine Transaminase | 790 |
| Albumin | 760 |
| Amylase | 55 |
| Aspartate Transaminase | 710 |
| BHCG Titre Profile | 120 |
| Billirubin Direct Automated | 660 |
| Billirubin Total | 660 |
| Calcium | 682 |
| Cholesterol HDL | 250 |
| Cholesterol Total | 420 |
| Cholinesterase | 15 |
| C- Reactive Protein | 1260 |
| Creatine Kinase | 50 |
| Creatine Automated | 5300 |
| Free T4 | 300 |
| Glucose | 245 |
| Glutamyl Transpeptidase | 580 |
| Glycated Haemoglobin | 380 |
| Lactate Dehydrogenase | 245 |
| Magnesium | 635 |
| Phosphatase Alkaline | 650 |
| Phosphorus | 650 |
| Potassium | 1880 |

| | |
|--------------------------------------|--------------|
| Prostatic Specific Antigen | 170 |
| Protein Total | 55 |
| Protein Total Quan - Microprotein | 100 |
| Sodium | 1895 |
| Thyroid Stimulating Hormone | 350 |
| Triglyceride | 300 |
| Tropinin I | 70 |
| Urea | 1900 |
| Uric Acid | 100 |
| Grand Total | 22287 |

FREE STATE REGION –BOTSHABELO CHEMISTRY (TSH AND TropT) LAB: SMALL

| Description | Monthly Volumes |
|----------------------------|-----------------|
| Urea | 876 |
| Potassium - A | 25 |
| Sodium | 876 |
| Alanine Transaminase - A | 381 |
| Albumin - A | 315 |
| Amylase Total - A | 12 |
| Aspartate Transaminase - A | 300 |
| Bilirubin Direct Automated | 276 |
| Bilirubin Total - A | 277 |
| Calcium - A | 270 |
| Chlorides Coulometric M | 57 |

| | |
|-----------------------------------|-------------|
| C-Reactive Protein Nephelometer | 394 |
| Creatinine - Automated | 2971 |
| Glucose - A | 93 |
| Glutamyl Transpeptidase - A | 251 |
| Lactate Dehydrogenase Total-A | 83 |
| Magnesium Colorimetric - A | 266 |
| Phosphatase Alkaline - A | 255 |
| Phosphorus -A | 265 |
| Protein Total - A | 30 |
| Protein Total Quan - Microprotein | 61 |
| Uric Acid Automated | 85 |
| Glycated Haemoglobin - A | 128 |
| Hepatitis B Surface Antigen Rapid | 435 |
| Troponin T | 13 |
| Thyroid Stimulating Hormone | 152 |
| Cholesterol Total - A | 230 |
| Grand Total | 9377 |

FREE STATE REGION –WELKOM CHEMISTRY AND IMMUNOASSAY LAB: MEDIUM

| Description | YTD Volumes | Monthly Volumes |
|-----------------------------------|-------------|-----------------|
| Urea | 21351 | 1941 |
| Potassium - A | 19521 | 1775 |
| Sodium | 20962 | 1906 |
| Alanine Transaminase - A | 11892 | 1417 |
| Albumin - A | 8167 | 1092 |
| Amylase Total - A | 363 | 62 |
| Aspartate Transaminase - A | 10550 | 803 |
| BHCG Titre Profile | 1602 | 180 |
| Bilirubin Direct Automated | 10585 | 1308 |
| Bilirubin Total - A | 10645 | 1317 |
| Calcium - A | 6081 | 821 |
| Chlorides Coulometric M | 774 | 76 |
| Cholesterol Hdl - A | 5587 | 584 |
| Cholesterol Total - A | 13968 | 1526 |
| Cholinesterase Total-M | 220 | 20 |
| C-Reactive Protein Nephelometer | 12118 | 1443 |
| Creatine Kinase - A | 689 | 94 |
| Creatine Kinase M-B -A | 663 | 89 |
| Creatinine - Automated | 70113 | 7469 |
| Glucose – A | 972 | 128 |
| Glutamyl Transpeptidase - A | 10388 | 1281 |
| Hepatitis B Surface Ag | 1142 | 931 |
| HIV Elisa | 2175 | 201 |
| Lactate Dehydrogenase Total-A | 3546 | 413 |
| Magnesium Colorimetric - A | 5968 | 810 |
| Phosphatase Alkaline - A | 10388 | 1286 |
| Phosphorus -A | 5983 | 812 |
| Protein Total - A | 2864 | 342 |
| Protein Total Quan - Microprotein | 736 | 73 |
| Treponema Pallidum ab Test | 18288 | 2130 |
| Triglyceride -A | 7689 | 822 |
| Troponin I | 716 | 77 |
| Uric Acid Automated | 3697 | 404 |
| Glycated Haemoglobin - A | - | 430 |

| | | |
|--------------------|----------------|---------------|
| Grand Total | 300 040 | 34 063 |
|--------------------|----------------|---------------|

FREE STATE REGION –MANAPO CHEMISTRY AND IMMUNOASSAY LAB: MEDIUM

| Description | Monthly Volumes |
|-----------------------------------|------------------------|
| Urea | 1355 |
| Potassium - A | 1332 |
| Sodium | 1318 |
| Alanine Transaminase - A | 974 |
| Albumin - A | 263 |
| Amylase Total - A | 10 |
| Aspartate Transaminase - A | 572 |
| Bilirubin Direct Automated | 571 |
| Bilirubin Total - A | 599 |
| Calcium - A | 251 |
| Chlorides Coulometric M | 35 |
| Cholesterol Hdl - A | 232 |
| Cholesterol Total - A | 606 |
| C-Reactive Protein Nephelometer | 662 |
| Creatine Kinase - A | 10 |
| Creatinine - Automated | 4564 |
| Glucose - A | 166 |
| Glutaryl Transpeptidase - A | 529 |
| Lactate Dehydrogenase Total-A | 164 |
| Magnesium Colorimetric - A | 246 |
| Phosphatase Alkaline - A | 550 |
| Phosphorus -A | 236 |
| Protein Total - A | 114 |
| Protein Total Quan - Microprotein | 24 |

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| Triglyceride -A | 327 |
| Uric Acid Automated | 95 |
| Glycated Haemoglobin - A | 360 |
| Treponema Pallidum ab Test | 579 |
| Hepatitis B Surface Ag | 126 |
| Troponin I | 17 |
| BHCG | 81 |
| Thyroid Stimulating Hormone | 214 |
| Thyroxine Free -Free T4 | 87 |
| Carbamazepine Level | 67 |
| Valproic Acid Levels | 82 |
| Grand Total | 17418 |

FREE STATE REGION –SASOLBURG CHEMISTRY LAB: SMALL

| Description | Monthly Volumes |
|---------------------------------|-----------------|
| Profile Discrete Analyser U&E | 341 |
| Alanine Transaminase - A | 419 |
| Albumin - A | 9 |
| Aspartate Transaminase - A | 178 |
| Bilirubin Total - A | 159 |
| Bilirubin Direct Automated | 159 |
| C-Reactive Protein Nephelometer | 173 |
| Creatine Kinase - A | 14 |
| Creatine Kinase M-B -A | 4 |
| Creatinine - Automated | 869 |
| Glucose - A | 29 |
| Glutamyl Transpeptidase - A | 153 |
| Phosphatase Alkaline - A | 155 |
| Protein Total-A | 10 |
| Uric Acid Automated | 33 |
| Protein Total CSF | 10 |
| TOTAL | 2715 |

FREE STATE REGION –KROONSTAD CHEMISTRY AND IMMUNOASSAY LAB: MEDIUM

| Description | Monthly Volumes |
|---------------------------------------|-----------------|
| U&E | 2 125 |
| Acetaminophen | 43 |
| Alanine Transaminase (ALT) | 945 |
| Albumin | 249 |
| Amylase Total | 52 |
| Aspartate Transaminase (AST) | 596 |
| Bilirubin Total | 649 |
| Bilirubin Direct | 642 |
| C-Reactive Protein | 1 201 |
| Calcium | 399 |
| Cholinesterase Total | 24 |
| Creatine Kinase | 85 |
| Creatine Kinase M-B | 32 |
| Creatinine | 5 581 |
| Glucose | 152 |
| Glutaryl Transpeptidase (GGT) | 530 |
| Iron | 122 |
| Lipase | 54 |
| Lactate Dehydrogenase (LDH) | 144 |
| Magnesium | 389 |
| Phosphatase Alkaline (ALP) | 548 |
| Inorganic Phosphate (PO4) | 352 |
| Protein Total | 208 |
| Transferrin | 119 |
| Uric Acid | 141 |
| Adenosine Deaminase (Serum,CSF,Fluid) | 182 |

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|---|---------------|
| Prostatic Specific Antigen | 350 |
| Thyroid Stimulating Hormone | 461 |
| Thyroxine -Free T4 | 341 |
| Trop I | 83 |
| CSF Glucose | 55 |
| CSF Protein | 55 |
| BHCG | 125 |
| Glycated Haemoglobin - (Hba1C) (Refer Pelonomi) | 251 |
| Lipid profile (Refer Welkom) | 387 |
| Total Cholesterol (Refer Welkom) | 662 |
| Grand Total | 18 334 |

| Limpopo | | | | | | | | | |
|--|---------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Sekhukhune -Waterberg & Capricorn | | | | | | | | | |
| Number of Analysers | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Lab Sizes | Medium | Small | Small | Small | Medium | Medium | Medium | Small | Medium |
| Description | Philadelphia | Helen Franz | Ellisras | Wipoorf | Mokopane | Jane Furse | Sf Ritas | Potgietersrus | Lebowakgomo |
| UEC Profile | 1216 | 605 | 625 | 355 | 1159 | 1093 | 1397 | 759 | 1548 |
| CO2 Content | 1140 | 0 | 0 | 0 | 996 | 887 | 1120 | 0 | 1178 |
| CRT (eGF Creatinine) | 2668 | 1031 | 1845 | 542 | 2076 | 2320 | 2335 | 1461 | 2329 |
| LFT | | | | | | | | | |
| T Prot | 498 | 301 | 268 | 166 | 424 | 572 | 536 | 396 | 589 |
| Alb | 356 | 286 | 268 | 165 | 377 | 529 | 478 | 367 | 536 |
| T Bil | 522 | 319 | 266 | 166 | 395 | 353 | 496 | 322 | 512 |
| D Bil | 515 | 315 | 270 | 167 | 390 | 345 | 490 | 396 | 503 |
| ALT | 774 | 321 | 336 | 164 | 750 | 561 | 509 | 474 | 700 |
| AST | 491 | 309 | 274 | 166 | 400 | 570 | 518 | 403 | 503 |
| ALP | 479 | 308 | 267 | 164 | 380 | 569 | 506 | 364 | 503 |
| GGT | 478 | 308 | 266 | 166 | 379 | 569 | 503 | 366 | 617 |
| Glucose | 166 | 74 | 84 | 22 | 141 | 133 | 129 | 87 | 178 |
| CRP | 491 | 378 | 334 | 253 | 312 | 659 | 546 | 371 | 929 |
| Uric Acid | 70 | 33 | 48 | 19 | 49 | 62 | 45 | 27 | |
| CSF/ U Prot | 121 | | 81 | 15 | 113 | 122 | 61 | 87 | 36 |
| CSF Glucose | 121 | | 81 | 15 | 113 | 122 | 61 | 87 | 36 |
| CMP | | | | | | | | | |
| Calcium | 131 | | 88 | 0 | 238 | 0 | 90 | 67 | 99 |
| Magnesium | 130 | | 88 | 0 | 235 | 0 | 86 | 50 | 99 |
| Phos | 130 | | 88 | 0 | 228 | 0 | 83 | 67 | 98 |
| Lipids | | | | | | | | | |
| Chol | 163 | | 18 | 0 | 107 | 58 | 18 | 28 | 0 |
| Trig | 71 | | | 0 | 93 | 36 | 0 | 0 | 0 |
| HDL | 95 | | | 0 | 86 | 38 | 0 | 0 | 0 |
| TOTAL (4 moths average) | 10826 | 4588 | 5595 | 2545 | 9441 | 9598 | 10007 | 6179 | 10993 |
| Annualized totals | 129912 | 55056 | 67140 | 30540 | 113292 | 115176 | 120084 | 74148 | 131916 |

Mpumalanga

| Laboratory | Lydenburg |
|---------------------|-------------|
| Lab Size | Small |
| Number of Analysers | 1 |
| UEC | |
| Sodium | 266 |
| Potassium | 266 |
| Chloride | 254 |
| CO2 Content | - |
| Urea | 280 |
| Creatinine | 440 |
| LFT | |
| T Prot | 132 |
| Alb | 132 |
| T Bil | 120 |
| D Bil | 120 |
| ALT | 208 |
| AST | 158 |
| ALP | 135 |
| GGT | 144 |
| Total | 2655 |

Gauteng Region

| Yusuf Dadoo Laboratory-Small | |
|-------------------------------------|-----------------------|
| Description | Monthly Volume |
| Profile U&E | 1000 |
| Alanine Transaminase - | 450 |
| Albumin - | 300 |
| Amylase Total - | 30 |
| Aspartate Transaminase - | 320 |
| Bilirubin Total- | 320 |
| Billirubin Direct | 320 |
| C-Reactive Protein | 200 |
| Calcium - | 100 |
| Creatinine - | 3300 |
| Glucose - | 40 |
| Glutaryl Transpeptidase - | 300 |
| Phosphatase Alkaline - | 300 |
| Potassius- | 30 |
| Protein Total- | 300 |
| Sodium- | 30 |
| Triglyceride - | 60 |
| Urea- | 40 |
| Fluid | - |
| Protein Total Quan- | 60 |
| Glucose | 50 |
| Protein Total - | 50 |
| Grand Total | 7600 |

| Carletonville Laboratory-Small | |
|---------------------------------------|-----------------------|
| Description | Monthly Volume |
| Profile U&E | 1400 |
| Alanine Transaminase - | 450 |
| Albumin - | 330 |
| Amylase Total - | 30 |
| Aspartate Transaminase - | 370 |
| Bilirubin Total- | 300 |
| Billirubin Direct | 300 |
| C-Reactive Protein | 250 |
| Calcium - | 150 |
| Cholesterol total - | 1400 |
| Cholesterol HDL - | 120 |
| C-K | 40 |
| Creatinine - | 4500 |
| Glucose - A | 70 |
| Glutamyl Transpeptidase - | 270 |
| Magnesium | 130 |
| Phosphatase Alkaline - | 270 |
| Phosphorus | 120 |
| Potassius- | 20 |
| Protein Total- | 260 |
| Sodium- | 10 |
| Triglyceride - | 400 |
| Urea- | 30 |
| Troponin | 30 |

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| Uric acid | 100 |
| Glycated Haemaglobin | 320 |
| Fluid | - |
| Chlorides | 50 |
| Protein Total Quan- | 50 |
| Glucose | 50 |
| Protein Total - | 20 |
| Grand Total | 11840 |

| Kopanong Laboratory Volumes-Medium | |
|---|-----------------------|
| Description | Monthly Volume |
| Profile U&E | 1944 |
| Albumin – | 600 |
| Alanine Transaminase- | 605 |
| Amylase Total- | 42 |
| Aspartate Transaminase- | 500 |
| Billirubin Direct | 500 |
| Bilirubin Total | 550 |
| Calcium – | 641 |
| Cholesterol total – | 1400 |
| Cholesterol HDL – | 750 |
| C-K | 65 |
| Creatinine – | 5835 |
| Glucose – A | 87 |
| Glutaryl Transpeptidase – | 500 |
| Magnesium | 521 |
| Phosphatase Alkaline - | 500 |
| Phosphorus | 519 |
| Potassium- | 231 |
| Protein Total- | 530 |
| Sodium- | 211 |
| Triglyceride - | 800 |
| Urea- | 223 |
| C- Reactive Protein | 1477 |
| C-K M-B | 50 |
| Uric acid | 120 |
| Glucose | 200 |
| CSF glucose | 65 |
| CSF protein | 65 |
| Grand Total | 19531 |