# SIXTH FIVE YEAR PLAN

## FY2011-FY2015

### Accelerating Growth and Reducing Poverty

## Part 3

## Statistical Annex and Technical Framework

*General Economics Division*
*Planning Commission*
*Ministry of Planning*
*Government of the People's Republic of Bangladesh*

Cover Designed by
General Economics Division (GED),
Planning Commission
Government of the People's Republic of Bangladesh

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# Part 1: Statistical Annex

# A. Macro and Fiscal Block

## 1. National Accounts

**Table 1: GDP at Constant Prices (1972/73 -78/79), 1985-86=100** (Million Taka)

| | Industrial Origin Sector | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **117837** | **126267** | **119818** | **131079** | **125777** | **136536** | **139248** |
| i) | Crops & horticulture | 99326 | 108345 | 102332 | 113196 | 108084 | 116706 | 117982 |
| ii) | Animal farming | 10088 | 10257 | 10422 | 10596 | 10771 | 11253 | 11506 |
| iii) | Forest and related services | 8423 | 7665 | 7064 | 7287 | 6922 | 8577 | 9760 |
| **2** | **Fishing** | **13799** | **13844** | **13899** | **13854** | **13854** | **14034** | **10321** |
| **3** | **Mining and Quarrying** | **4** | **4** | **3** | **4** | **13** | **14** | **17** |
| i) | Natural gas and crude petroleum | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Other mining & quarrying | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **4** | **Manufacturing** | **23817** | **33960** | **30252** | **30043** | **33546** | **33941** | **37739** |
| i) | Large & medium scale | 7263 | 17239 | 13385 | 12989 | 16327 | 16525 | 20156 |
| ii) | Small scale | 16554 | 16721 | 16867 | 17054 | 17219 | 17416 | 17583 |
| **5** | Electricity, Water Supply and Gas | 580 | 464 | 353 | 474 | 530 | 852 | 863 |
| i) | Electricity | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Gas | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Water | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **6** | **Construction** | **12052** | **9536** | **7820** | **7313** | **10232** | **11541** | **17531** |
| **7** | **Wholesale and Retail Trade** | **19450** | **24802** | **24048** | **24294** | **23771** | **29375** | **30970** |
| **8** | **Hotel and Restaurants** | | | | | | | |
| **9** | **Transport, Storage and Communication** | **27702** | **29027** | **29764** | **31203** | **33697** | **35042** | **36499** |
| i) | Land transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Water transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Air transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iv) | Support transport services, storage | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| v) | Post and telecommunication | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **10** | **Financial Intermediations** | **2395** | **2472** | **2620** | **2549** | **2850** | **3168** | **4120** |
| i) | Bank (Monetary Intermediation) | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Insurance | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Others (Financial Intermediation) | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **11** | **Real Estate, Renting and Business Activities** | **22596** | **23255** | **23906** | **24682** | **25402** | **26181** | **26971** |
| **12** | **Public Administration and Defense** | **5810** | **6987** | **5345** | **7171** | **9793** | **8965** | **9603** |
| **13** | **Education** | **----** | **----** | **----** | **----** | **----** | **----** | **----** |
| **14** | **Health and Social Works** | **----** | **----** | **----** | **----** | **----** | **----** | **----** |
| **15** | **Community, Social and Personal Services** | **18513** | **19313** | **20196** | **21155** | **22210** | **23360** | **24643** |
| | **GDP at producer price** | | | | | | | |
| | **Growth rate** | | | | | | | |
| | **Import duty** | | | | | | | |
| | **GDP at constant (1995/96) prices** | **264555** | **289931** | **278024** | **293821** | **301675** | **323009** | **338525** |

***Source: Bangladesh Bureau of Statistics***

**Table 2: GDP at Constant Prices (1979/80-85/86), 1995-96=100**

**(Million Taka)**

| | Industrial Origin Sector | 1979-80 | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 | 1985-86 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **244389** | **253716** | **254260** | **263647** | **277896** | **277831** | **287518** |
| i) | Crops & horticulture | 186659 | 194966 | 193468 | 200789 | 212605 | 212847 | 220548 |
| ii) | Animal farming | 37795 | 38532 | 39295 | 40085 | 40903 | 41752 | 42632 |
| iii) | Forest and related services | 19935 | 20218 | 21497 | 22773 | 24388 | 23232 | 24338 |
| **2** | **Fishing** | **43295** | **43481** | **45948** | **48377** | **49333** | **50284** | **51454** |
| **3** | **Mining and Quarrying** | **4986** | **5244** | **5895** | **6284** | **6834** | **7413** | **7973** |
| i) | Natural gas and crude petroleum | 1578 | 1736 | 2252 | 2507 | 2907 | 3322 | 3766 |
| ii) | Other mining & quarrying | 3408 | 3508 | 3643 | 3777 | 3927 | 4091 | 4207 |
| **4** | **Manufacturing** | **96311** | **100523** | **101783** | **105272** | **114664** | **121030** | **129882** |
| i) | Large & medium scale | 69015 | 71914 | 71708 | 73572 | 81157 | 85507 | 92100 |
| ii) | Small scale | 27296 | 28609 | 30075 | 31700 | 33507 | 35523 | 37782 |
| **5** | **Electricity, Water Supply and Gas** | **4828** | **5321** | **6106** | **7002** | **8191** | **9621** | **10203** |
| i) | Electricity | 3780 | 4226 | 4962 | 5771 | 6760 | 7823 | 8405 |
| ii) | Gas | 732 | 758 | 781 | 838 | 1013 | 1325 | 1325 |
| iii) | Water | 316 | 337 | 363 | 393 | 418 | 473 | 473 |
| **6** | **Construction** | **41839** | **44471** | **47795** | **49571** | **54125** | **57129** | **60095** |
| **7** | **Wholesale and Retail Trade** | **97745** | **101763** | **105135** | **110880** | **118105** | **122635** | **127771** |
| **8** | **Hotel and Restaurants** | **4883** | **5054** | **5237** | **5433** | **5645** | **5872** | **6117** |
| **9** | **Transport, Storage and Communication** | **73815** | **77499** | **82556** | **87297** | **92068** | **96756** | **99939** |
| i) | Land transport | 47394 | 50228 | 53905 | 57947 | 61501 | 64722 | 67865 |
| ii) | Water transport | 22408 | 22939 | 23674 | 24233 | 24606 | 25100 | 25208 |
| iii) | Air transport | 422 | 475 | 588 | 570 | 1062 | 1225 | 1262 |
| iv) | Support transport services, storage | 1743 | 1884 | 2097 | 2267 | 2515 | 2824 | 2893 |
| v) | Post and telecommunication | 1848 | 1973 | 2292 | 2280 | 2384 | 2885 | 2711 |
| **10** | **Financial Intermediations** | **13535** | **14233** | **14366** | **14647** | **15460** | **16175** | **17186** |
| i) | Bank (Monetary Intermediation) | 11989 | 12733 | 12881 | 13166 | 14051 | 14521 | 15472 |
| ii) | Insurance | 1541 | 1495 | 1479 | 1475 | 1403 | 1649 | 1708 |
| iii) | Others (Financial Intermediation) | 5 | 5 | 6 | 6 | 6 | 5 | 6 |
| **11** | **Real Estate, Renting and Business Activities** | **90551** | **93367** | **96296** | **99379** | **102567** | **105927** | **109379** |
| **12** | **Public Administration and Defense** | **13437** | **13929** | **14169** | **15246** | **16478** | **17946** | **21820** |
| **13** | **Education** | **18945** | **19502** | **19792** | **20693** | **21269** | **21851** | **22989** |
| **14** | **Health and Social Works** | **22353** | **22896** | **23368** | **23963** | **24604** | **25255** | **25943** |
| **15** | **Community, Social and Personal Services** | **95459** | **97769** | **100274** | **102651** | **105026** | **107431** | **110006** |
| | **GDP at producer price** | **866371** | **898768** | **922980** | **960342** | **1012265** | **1043156** | **1088275** |
| | Growth rate | | 3.739391 | 2.69391 | 4.047975 | 5.40672 | 3.051671 | 4.32524 |
| | Import duty | 23398 | 24830 | 22567 | 23179 | 22209 | 24662 | 24910 |
| | **GDP at constant (1995/96) prices** | **889769** | **923598** | **945547** | **983521** | **1034474** | **1067818** | **1113185** |
| | **GDP at const(1995/96) prices (Tkbill)** | 889.769 | 923.598 | 945.547 | 983.521 | 1034.474 | 1067.818 | 1113.185 |

***Source: Bangladesh Bureau of Statistics***

**Table 3: GDP at Constant Prices (1986/87-92/93), 1995-96=100**

**(Million Taka)**

| | Industrial Origin Sector | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 | 1991-92 | 1992-93 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **286786** | **284277** | **283198** | **313630** | **317553** | **321970** | **326319** |
| i) | Crops & horticulture | 219473 | 214670 | 212231 | 241184 | 243213 | 245907 | 248287 |
| ii) | Animal farming | 43545 | 44494 | 45480 | 46505 | 47572 | 48683 | 49840 |
| iii) | Forest and related services | 23768 | 25113 | 25487 | 25941 | 26768 | 27380 | 28192 |
| **2** | **Fishing** | **52646** | **53214** | **53425** | **54528** | **58831** | **63680** | **69088** |
| **3** | **Mining and Quarrying** | **8823** | **9754** | **10628** | **11380** | **11565** | **12330** | **13428** |
| i) | Natural gas and crude petroleum | 4425 | 5155 | 5830 | 6398 | 6506 | 7143 | 8018 |
| ii) | Other mining & quarrying | 4398 | 4599 | 4798 | 4982 | 5059 | 5187 | 5410 |
| **4** | **Manufacturing** | **140210** | **141118** | **145029** | **156163** | **166133** | **178391** | **193771** |
| i) | Large & medium scale | 99882 | 100576 | 102657 | 111126 | 117817 | 126462 | 137846 |
| ii) | Small scale | 40328 | 40542 | 42372 | 45037 | 48316 | 51929 | 55925 |
| **5** | **Electricity, Water Supply and Gas** | **11799** | **13709** | **14968** | **16605** | **17839** | **18971** | **20301** |
| i) | Electricity | 9914 | 11759 | 12957 | 14498 | 15150 | 16010 | 17150 |
| ii) | Gas | 1386 | 1434 | 1465 | 1508 | 2043 | 2220 | 2292 |
| iii) | Water | 499 | 516 | 546 | 599 | 646 | 741 | 859 |
| **6** | **Construction** | **64914** | **68481** | **71497** | **74963** | **75407** | **79886** | **84671** |
| **7** | **Wholesale and Retail Trade** | **133617** | **138909** | **146552** | **151738.6** | **158914.5** | **167671.5** | **172834.8** |
| **8** | **Hotel and Restaurants** | **6381** | **6666** | **6975** | **7309** | **7672** | **8054** | **8455** |
| **9** | **Transport, Storage and Communication** | **104505** | **107709** | **110978** | **116270** | **118133** | **122451** | **126169** |
| i) | Land transport | 70931 | 73399 | 75940 | 79988 | 82916 | 85812 | 89164 |
| ii) | Water transport | 25295 | 25525 | 25947 | 25964 | 25208 | 24849 | 24106 |
| iii) | Air transport | 1553 | 1615 | 1782 | 2237 | 2109 | 2121 | 2372 |
| iv) | Support transport services, storage | 3023 | 3549 | 3581 | 3532 | 3654 | 3978 | 4343 |
| v) | Post and telecommunication | 3703 | 3621 | 3728 | 4549 | 4246 | 5691 | 6184 |
| **10** | **Financial Intermediations** | **18157** | **18692** | **19060** | **19431** | **20375** | **21147** | **21748** |
| i) | Bank (Monetary Intermediation) | 15994 | 16223 | 16364 | 16374 | 17737 | 18545 | 19255 |
| ii) | Insurance | 2126 | 2285 | 2452 | 2774 | 2325 | 2243 | 2095 |
| iii) | Others (Financial Intermediation) | 37 | 184 | 244 | 283 | 313 | 359 | 398 |
| **11** | **Real Estate, Renting and Business Activities** | **112928** | **116465** | **120133** | **123956.9** | **127966.8** | **132153.8** | **136613.4** |
| **12** | **Public Administration and Defense** | **24503** | **25509** | **25798** | **26231** | **26984** | **30445** | **34941** |
| **13** | **Education** | **23245** | **23520** | **23915** | **24016** | **25342** | **26901** | **28918.58** |
| **14** | **Health and Social Works** | **26623** | **27252** | **28130** | **29263** | **29896** | **31248** | **32911** |
| **15** | **Community, Social and Personal Services** | **112777** | **115579** | **118597** | **121593.1** | **124866** | **128246.2** | **131736.2** |
| | **GDP at producer price** | **1127914** | **1150854** | **1178883** | **1247078** | **1287477** | **1343546** | **1401905** |
| | Growth rate | 3.64237 | 2.033843 | 2.435496 | 5.784681 | 3.239545 | 4.354898 | 4.343687 |
| | Import duty | 26818 | 28812 | 31598 | 35322.7 | 37747.51 | 48459.23 | 53774.63 |
| | **GDP at constant (1995/96) prices** | **1154732** | **1179666** | **1210481** | **1282400** | **1325225** | **1392005** | **1455680** |
| | **GDP at const (1995/96) prices (Tk bill)** | **1154.732** | **1179.666** | **1210.481** | **1282.4** | **1325.225** | **1392.005** | **1455.68** |

***Source: Bangladesh Bureau of Statistics***

**Table 4: GDP at Constant Prices (1993/94-99/00), 1995-96=100**

**(Million Taka)**

| | Industrial Origin Sector | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-000 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **324200** | **317932.3** | **324381.6** | **342457.8** | **348080** | **359368** | **384251** |
| i) | Crops & horticulture | 244172 | 235821.3 | 239924.6 | 255375.8 | 258098 | 266136 | 287688 |
| ii) | Animal farming | 51047 | 52307 | 53621 | 55003 | 56456 | 57975 | 59566 |
| iii) | Forest and related services | 28981 | 29804 | 30836 | 32079 | 33526 | 35257 | 36997 |
| **2** | **Fishing** | **74551** | **79613** | **85500** | **91997** | **100257** | **110240** | **120019** |
| **3** | **Mining and Quarrying** | **14119** | **15482** | **16691** | **17286** | **18281** | **18522** | **20277** |
| i) | Natural gas and crude petroleum | 8405 | 9235 | 9919 | 9821 | 10292 | 10039 | 11500 |
| ii) | Other mining & quarrying | 5714 | 6247 | 6772 | 7465 | 7989 | 8483 | 8777 |
| **4** | **Manufacturing** | **209554** | **231517** | **246351** | **258795** | **280908** | **289882.1** | **303679** |
| i) | Large & medium scale | 149220 | 166297 | 175732 | 182704 | 199668 | 208033.1 | 217086 |
| ii) | Small scale | 60334 | 65220 | 70619 | 76091 | 81240 | 81849 | 86593 |
| **5** | **Electricity, Water Supply and Gas** | **21628** | **22772** | **24009** | **24473** | **24965** | **26463** | **28258** |
| i) | Electricity | 18198 | 19139 | 20196 | 20596 | 20863 | 22271 | 23802 |
| ii) | Gas | 2462 | 2645 | 2810 | 2849 | 3000 | 3019 | 3188 |
| iii) | Water | 968 | 988 | 1003 | 1028 | 1102 | 1173 | 1268 |
| **6** | **Construction** | **92525** | **101372** | **109993** | **119500** | **130833** | **142503.3** | **154590** |
| **7** | **Wholesale and Retail Trade** | **182433.3** | **196947.9** | **206076.2** | **217373.8** | **230382.5** | **245377** | **263282** |
| **8** | **Hotel and Restaurants** | **8876** | **9318** | **9782** | **10269** | **10936.49** | **11663.76** | **12473** |
| **9** | **Transport, Storage and Communication** | **131241** | **137739** | **144832** | **152798** | **161490** | **171019** | **181422** |
| i) | Land transport | 92648 | 97402 | 102758 | 108352 | 115661 | 123321 | 131116 |
| ii) | Water transport | 23664 | 23163 | 22825 | 22634 | 22426 | 22784 | 23189 |
| iii) | Air transport | 2565 | 2349 | 2496 | 2229 | 2606 | 2982 | 3483 |
| iv) | Support transport services, storage | 4395 | 5319 | 5850 | 5892 | 6090 | 6349 | 7183 |
| v) | Post and telecommunication | 7969 | 9506 | 10903 | 13691 | 14707 | 15583 | 16451 |
| **10** | **Financial Intermediations** | **22838** | **24001** | **25171** | **26465** | **27859.97** | **29365.11** | **30980** |
| i) | Bank (Monetary Intermediation) | 19978 | 20622 | 21022 | 21514 | 22265 | 23123 | 24018 |
| ii) | Insurance | 2403 | 2844 | 3366 | 3813 | 4383 | 4955 | 5604 |
| iii) | Others (Financial Intermediation) | 457 | 535 | 783 | 1138 | 1211.97 | 1287.112 | 1358 |
| **11** | **Real Estate, Renting and Business Activities** | **141159.1** | **146065.2** | **151035.9** | **156384.9** | **162327.5** | **168528.4** | **174990** |
| **12** | **Public Administration and Defense** | **36911** | **38561** | **40165** | **42375** | **44874** | **47432** | **50262** |
| **13** | **Education** | **30831** | **32214** | **33042** | **34618.1** | **37422.17** | **40303.68** | **43424** |
| **14** | **Health and Social Works** | **34436** | **35431.2** | **36387.84** | **37806.97** | **39542.31** | **41361.25** | **43346** |
| **15** | **Community, Social and Personal Services** | **135345.2** | **139073** | **142942.9** | **146929.4** | **151116.8** | **155575** | **160332** |
| | **GDP at producer price** | **1460648** | **1528039** | **1596360** | **1679529** | **1769276** | **1857604** | **1971585** |
| | Growth rate | 4.190199 | 4.613774 | 4.471213 | 5.209879 | 5.343576 | 4.992316 | 6.135935 |
| | Import duty | 54491.94 | 61723.86 | 66880 | 73318.41 | 75202.26 | 76687.38 | 77689 |
| | **GDP at constant (1995/96) prices** | **1515140** | **1589762** | **1663240** | **1752847** | **1844478** | **1934291** | **2049274** |
| | **GDP at const.(1995/96) prices (Tk bill)** | **1515.14** | **1589.762** | **1663.24** | **1752.847** | **1844.478** | **1934.291** | **2049.274** |

***Source: Bangladesh Bureau of Statistics***

**Table 5: GDP at Constant Prices (2000/01-04/05), 1995-96=100**

**(Million Taka)**

| | Industrial Origin Sector | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 |
|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **405514** | **403001** | **416273** | **434495** | **442298** |
| i) | Crops & horticulture | 305481 | 298187 | 306765 | 319875 | 320339 |
| ii) | Animal farming | 61241 | 64119 | 67011 | 70348 | 75434 |
| iii) | Forest and related services | 38792 | 40695 | 42497 | 44272 | 46525 |
| **2** | **Fishing** | **114582** | **117125** | **119857** | **123560** | **128069** |
| **3** | **Mining and Quarrying** | **22254** | **23262** | **24930** | **26840** | **29090** |
| i) | Natural gas and crude petroleum | 13109 | 13755 | 14980 | 16325 | 17797 |
| ii) | Other mining & quarrying | 9145 | 9507 | 9950 | 10515 | 11293 |
| **4** | **Manufacturing** | **323976** | **341742** | **364804** | **390688** | **422690** |
| i) | Large & medium scale | 231302 | 241941 | 257808 | 275723 | 298605 |
| ii) | Small scale | 92674 | 99801 | 106996 | 114965 | 124085 |
| **5** | **Electricity, Water Supply and Gas** | **30349** | **32665** | **35285** | **38491** | **41915** |
| i) | Electricity | 25611 | 27604 | 29616 | 32337 | 35110 |
| ii) | Gas | 3381 | 3602 | 3918 | 4263 | 4641 |
| iii) | Water | 1357 | 1459 | 1751 | 1891 | 2164 |
| **6** | **Construction** | **167959** | **182428** | **197189** | **213465** | **231195** |
| **7** | **Wholesale and Retail Trade** | **280212** | **298683** | **316865** | **337698** | **361552** |
| **8** | **Hotel and Restaurants** | **13346** | **14270** | **15269** | **16345** | **17509** |
| **9** | **Transport, Storage and Communication** | **195797** | **208633** | **222924** | **236763** | **255521** |
| i) | Land transport | 139469 | 148856 | 158747 | 168296 | 175448 |
| ii) | Water transport | 23322 | 23402 | 23419 | 23456 | 23915 |
| iii) | Air transport | 3644 | 3031 | 2990 | 3015 | 3090 |
| iv) | Support transport services, storage | 8483 | 8091 | 7997 | 7889 | 8119 |
| v) | Post and telecommunication | 20879 | 25253 | 29771 | 34107 | 44949 |
| **10** | **Financial Intermediations** | **32697** | **34889** | **37215** | **39826** | **43380** |
| i) | Bank (Monetary Intermediation) | 24981 | 26360 | 27919 | 29797 | 32512 |
| ii) | Insurance | 6358 | 7143 | 7878 | 8513 | 9223 |
| iii) | Others (Financial Intermediation) | 1358 | 1386 | 1418 | 1516 | 1645 |
| **11** | **Real Estate, Renting and Business Activities** | **180959** | **187147** | **193738** | **200681** | **208009** |
| **12** | **Public Administration and Defense** | **53216** | **56366** | **59318** | **63508** | **68604** |
| **13** | **Education** | **46511** | **50037** | **53840** | **57979** | **62559** |
| **14** | **Health and Social Works** | **45480** | **47890** | **50586** | **53708** | **57682** |
| **15** | **Community, Social and Personal Services** | **165378** | **170729** | **176397** | **183399** | **190824** |
| | **GDP at producer price** | **2078230** | **2168867** | **2284490** | **2417446** | **2560897** |
| | Growth rate | 5.4091 | 4.36126 | 5.33103 | 5.81994 | 5.93399 |
| | Import duty | 79121 | 83743 | 86516 | 102233 | 108842 |
| | **GDP at constant (1995/96) prices** | **2157351** | **2252610** | **2371006** | **2519679** | **2669739** |
| | **GDP at constant (1995/96) prices (Tk bill)** | **2157.35** | **2252.61** | **2371.01** | **2519.68** | **2669.74** |

***Source: Bangladesh Bureau of Statistics***

**Table 6: GDP at constant prices (2005/06-2009/10), 1995-96=100** **(Million Taka)**

| | Industrial Origin Sector | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 |
|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **465450** | **487297** | **501567** | **522152** | **577742** |
| i) | Crops & horticulture | 336439 | 351327 | 360717 | 375200 | 398194 |
| ii) | Animal farming | 80075 | 84470 | 86532 | 89542 | 92568 |
| iii) | Forest and related services | 48936 | 51500 | 54318 | 57410 | 60412 |
| **2** | **Fishing** | **133083** | **138499** | **144285** | **150287** | **156519** |
| **3** | **Mining and Quarrying** | **31783** | **34430** | **37509** | **41199** | **44824** |
| i) | Natural gas and crude petroleum | 19492 | 21057 | 22797 | 24884 | 26904 |
| ii) | Other mining & quarrying | 12291 | 13373 | 14712 | 16315 | 17920 |
| **4** | **Manufacturing** | **468197** | **513722** | **550772** | **587539** | **625707** |
| i) | Large & medium scale | 332682 | 365071 | 391572 | **417350** | **442298** |
| ii) | Small scale | 135515 | 148651 | 159200 | 170189 | 183409 |
| **5** | **Electricity, Water Supply and Gas** | **45129** | **46075** | **49193** | **52101** | **55893** |
| i) | Electricity | 37726 | 38133 | 40680 | **42872** | **45964** |
| ii) | Gas | 5076 | 5450 | 5871 | 6365 | 6843 |
| iii) | Water | 2327 | 2492 | 2642 | 2863 | 3086 |
| **6** | **Construction** | **250418** | **267964** | **283177** | **299308** | **317298** |
| **7** | **Wholesale and Retail Trade** | **385961** | **416996** | **445434** | **473085** | **500878** |
| **8** | **Hotel and Restaurants** | **18814** | **20228** | **21756** | **23405** | **25186** |
| **9** | **Transport, Storage and Communication** | **275921** | **298092** | **323566** | **349487** | **376366** |
| i) | Land transport | 182719 | 190365 | 199012 | **209306** | **221828** |
| ii) | Water transport | 24382 | 24804 | 25436 | 26062 | 26325 |
| iii) | Air transport | 3252 | 3318 | 3524 | 3784 | 4129 |
| iv) | Support transport services, storage | 8616 | 9386 | 10179 | 11161 | 12070 |
| v) | Post and telecommunication | 56952 | 70219 | 85415 | 99174 | 112014 |
| **10** | **Financial Intermediations** | **47068** | **51391** | **55960** | **60993** | **68093** |
| i) | Bank (Monetary Intermediation) | 35175 | 38459 | 41681 | 45454 | 50211 |
| ii) | Insurance | 10068 | 10895 | 11988 | 12993 | 14926 |
| iii) | Others (Financial Intermediation) | 1825 | 2037 | 2291 | 2546 | 2956 |
| **11** | **Real Estate, Renting and Business Activities** | **215687** | **223805** | **232205** | **241062** | **250445** |
| **12** | **Public Administration and Defense** | **74198** | **80436** | **85432** | **91432** | **99060** |
| **13** | **Education** | **68221** | **74331** | **80129** | **86581** | **94578** |
| **14** | **Health and Social Works** | **62174** | **66926** | **71627** | **76782** | **83001** |
| **15** | **Community, Social and Personal Services** | **198630** | **207725** | **217314** | **227534** | **238265** |
| | **GDP at producer price** | **2740734** | **2927917** | **3099926** | **3282937** | **3477306** |
| | Growth rate | 7.02242 | 6.82967 | 5.87479 | 5.74759 | 6.00 |
| | Import duty | 105991 | 101791 | 117334 | 126255 | 123159 |
| | **GDP at constant (1995/96) prices** | **2846725** | **3029708** | **3217260** | **3401968** | **3608446** |
| | **GDP at constant (1995/96) prices (Tk bill)** | **2846.73** | **3029.71** | **3217.26** | **3401.97** | **3608.47** |

***Source: Bangladesh Bureau of Statistics***

**Table 7: GDP at current market prices (1972/73-78/79)**

(Million Taka)

| | Industrial Origin Sector | 1972-73 | 1973-74 | 1974-75 | 1975-76 | 1976-77 | 1977-78 | 1978-79 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **22264** | **35737** | **69620** | **49995** | **47388** | **63027** | **72069** |
| i) | Crops & horticulture | 19491 | 31849 | 64464 | 44894 | 42151 | 54811 | 61764 |
| ii) | Animal farming | 1636 | 2302 | 3036 | 3180 | 3299 | 4487 | 5943 |
| iii) | Forest and related services | 1137 | 1586 | 2120 | 1921 | 1938 | 3729 | 4362 |
| **2** | **Fishing** | **2449** | **2920** | **4075** | **4950** | **5884** | **5904** | **5878** |
| **3** | **Mining and Quarrying** | **1.0** | **2.0** | **2.0** | **2.0** | **7.0** | **10.0** | **10.0** |
| i) | Natural gas and crude petroleum | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Other mining & quarrying | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **4** | **Manufacturing** | **3942** | **6779** | **8937** | **10254** | **12322** | **14632** | **17175** |
| i) | Large & medium scale | 1202 | 3441 | 3954 | 4433 | 5997 | 7124 | 9173 |
| ii) | Small scale | 2740 | 3338 | 4983 | 5821 | 6325 | 7508 | 8002 |
| **5** | **Electricity, Water Supply and Gas** | **130** | **138** | **153** | **213** | **243** | **423** | **477** |
| i) | Electricity | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Gas | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Water | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **6** | **Construction** | **2191** | **2694** | **3936** | **4211** | **5249** | **6061** | **9658** |
| **7** | **Wholesale and Retail Trade** | **3972** | **7294** | **11127** | **10081** | **9906** | **13843** | **15824** |
| **8** | **Hotel and Restaurants** | | | | | | | |
| **9** | **Transport, Storage and Communication** | **5244** | **7132** | **9078** | **10300** | **11585** | **14700** | **19866** |
| i) | Land transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Water transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Air transport | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iv) | Support transport services, storage | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| v) | Post and telecommunication | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **10** | **Financial Intermediations** | **537** | **735** | **1134** | **1145** | **1306** | **1573** | **2278** |
| i) | Bank (Monetary Intermediation) | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| ii) | Insurance | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| iii) | Others (Financial Intermediation) | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| **11** | **Real Estate, Renting and Business Activities** | **4691** | **5872** | **7878** | **9209** | **10463** | **11873** | **14176** |
| **12** | **Public Administration and Defense** | **1133** | **1895** | **2340** | **2928** | **4023** | **4243** | **5012** |
| **13** | **Education** | **----** | **----** | **----** | **----** | **----** | **----** | **----** |
| **14** | **Health and Social Works** | **----** | **----** | **----** | **----** | **----** | **----** | **----** |
| **15** | **Community, Social and Personal Services** | **3299** | **4554** | **6089** | **7032** | **7627** | **8905** | **11624** |
| | **GDP at current market price** | **49,853** | **75,752** | **124,369** | **110,320** | **116,003** | **145,194** | **174,047** |

***Source: Bangladesh Bureau of Statistics***

**Table 8: GDP at current market prices (1979/80-85/86)**

**(Million Taka)**

| | Industrial Origin Sector | 1979-80 | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 | 1985-86 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **77664** | **90701** | **100518** | **112259** | **141540** | **162566** | **177022** |
| i) | Crops & horticulture | 62714 | 75621 | 85219 | 94945 | 121339 | 135849 | 141091 |
| ii) | Animal farming | 11511 | 11144 | 11027 | 12002 | 12713 | 19201 | 24613 |
| iii) | Forest and related services | 3439 | 3936 | 4272 | 5312 | 7488 | 7516 | 11318 |
| **2** | **Fishing** | **8715** | **8744** | **9508** | **10083** | **13233** | **17295** | **20530** |
| **3** | **Mining and Quarrying** | **1326** | **1510** | **1816** | **2161** | **2611** | **3118** | **3783** |
| i) | Natural gas and crude petroleum | 380 | 486 | 662 | 859 | 1137 | 1460 | 1966 |
| ii) | Other mining & quarrying | 946 | 1024 | 1154 | 1302 | 1474 | 1658 | 1817 |
| **4** | **Manufacturing** | **37850** | **43071** | **48405** | **58602** | **68390** | **77707** | **86353** |
| i) | Large & medium scale | 26612 | 30231 | 33462 | 41122 | 48737 | 55128 | 60935 |
| ii) | Small scale | 11238 | 12840 | 14943 | 17480 | 19653 | 22579 | 25418 |
| **5** | **Electricity, Water Supply and Gas** | **1329** | **2015** | **2497** | **3597** | **4333** | **5475** | **6947** |
| i) | Electricity | 1068 | 1702 | 2125 | 3164 | 3793 | 4825 | 6120 |
| ii) | Gas | 114 | 147 | 185 | 223 | 307 | 384 | 536 |
| iii) | Water | 147 | 166 | 187 | 210 | 233 | 266 | 291 |
| **6** | **Construction** | **15978** | **18938** | **21691** | **22965** | **26037** | **31411** | **36037** |
| **7** | **Wholesale and Retail Trade** | **35355** | **40390** | **45072** | **51659** | **63257** | **72318** | **80470** |
| **8** | **Hotel and Restaurants** | **1571** | **1751** | **2044** | **2240** | **2704** | **3295** | **3588** |
| **9** | **Transport, Storage and Communication** | **29149** | **33394** | **38786** | **45505** | **21081** | **55862** | **61351** |
| i) | Land transport | 18446 | 21143 | 24856 | 29671 | 3602 | 36547 | 40527 |
| ii) | Water transport | 9234 | 10531 | 11806 | 13351 | 14242 | 15458 | 16831 |
| iii) | Air transport | 206 | 247 | 314 | 329 | 638 | 749 | 807 |
| iv) | Support transport services, storage | 624 | 751 | 893 | 1042 | 1256 | 1495 | 1655 |
| v) | Post and telecommunication | 639 | 722 | 917 | 1112 | 1343 | 1613 | 1531 |
| **10** | **Financial Intermediations** | **3598** | **4141** | **4547** | **5091** | **6033** | **7048** | **7695** |
| i) | Bank (Monetary Intermediation) | 3187 | 3704 | 4077 | 4576 | 5484 | 6327 | 6927 |
| ii) | Insurance | 410 | 435 | 468 | 513 | 547 | 719 | 765 |
| iii) | Others (Financial Intermediation) | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 |
| **11** | **Real Estate, Renting and Business Activities** | **23824** | **25428** | **27481** | **28842** | **35798** | **40452** | **46407** |
| **12** | **Public Administration and Defense** | **3838** | **4733** | **5115** | **5883** | **6988** | **8508** | **11268** |
| **13** | **Education** | **5411** | **6236** | **7145** | **8237** | **9021** | **10358** | **11869** |
| **14** | **Health and Social Works** | **6384** | **7321** | **8436** | **9248** | **10436** | **11972** | **13394** |
| **15** | **Community, Social and Personal Services** | **21755** | **25322** | **29879** | **32314** | **37809** | **41502** | **51819** |
| | **GDP at producer price** | **273747** | **313695** | **352940** | **398686** | **449271** | **548887** | **618533** |
| | Growth rate | | 14.593 | 12.5106 | 12.961 | 12.688 | 22.1728 | 12.6886 |
| | Import duty | 7030 | 8441 | 8801 | 9622 | 10517 | 13057 | 14158 |
| | **GDP at current market price** | **280777** | **322136** | **361741** | **408308** | **459788** | **561944** | **632691** |
| | **GDP at current market price (Tk bill)** | **280.777** | **322.136** | **361.741** | **408.31** | **459.79** | **561.944** | **632.691** |

***Source: Bangladesh Bureau of Statistics***

**Table 9: GDP at current market prices (1986/87-1992/93)**

(Million Taka)

| | Industrial Origin Sector | 1986-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 | 1991-92 | 1992-93 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **204958** | **212987** | **230126** | **258830** | **286325** | **295319** | **261871** |
| i) | Crops & horticulture | 166748 | 168728 | 181157 | 200801 | 223289 | 228312 | 191437 |
| ii) | Animal farming | 25619 | 27989 | 32632 | 38627 | 40584 | 42678 | 44981 |
| iii) | Forest and related services | 12591 | 16270 | 16337 | 19402 | 22452 | 24329 | 25453 |
| **2** | **Fishing** | **25529** | **29337** | **33295** | **36297** | **39714** | **44078** | **55066** |
| **3** | **Mining and Quarrying** | **4779** | **6129** | **7326** | **8243** | **9020** | **10517** | **12707** |
| i) | Natural gas and crude petroleum | 2723 | 3769 | 4671 | 5340 | 5723 | 6499 | 8018 |
| ii) | Other mining & quarrying | 2056 | 2360 | 2655 | 2903 | 3297 | 4018 | 4689 |
| **4** | **Manufacturing** | **94211** | **102894** | **110880** | **127851** | **144012** | **160620** | **179954** |
| i) | Large & medium scale | 66745 | 73863 | 78108 | 90376 | 100861 | 111864 | 126165 |
| ii) | Small scale | 27466 | 29031 | 32772 | 37475 | 43151 | 48756 | 53789 |
| **5** | **Electricity, Water Supply and Gas** | **8672** | **11250** | **13033** | **15138** | **16609** | **17922** | **19517** |
| i) | Electricity | 7685 | 10073 | 11710 | 13630 | 14471 | 15497 | 16740 |
| ii) | Gas | 661 | 813 | 912 | 1034 | 1607 | 1816 | 1997 |
| iii) | Water | 326 | 364 | 411 | 474 | 531 | 609 | 780 |
| **6** | **Construction** | **39979** | **45051** | **51569** | **58199** | **63768** | **70562** | **75347.5** |
| **7** | **Wholesale and Retail Trade** | **89938** | **97125** | **107167** | **119790** | **133528** | **141565** | **149874** |
| **8** | **Hotel and Restaurants** | **4046** | **4480** | **5053** | **5743** | **6279.7** | **6835** | **7300** |
| **9** | **Transport, Storage and Communication** | **68786** | **76616** | **86266** | **96890** | **103611** | **112157** | **119476** |
| i) | Land transport | 45620 | 51231 | 58597 | 66710 | 72280 | 78164 | 83891 |
| ii) | Water transport | 17948 | 19227 | 20750 | 22034 | 22419 | 22884 | 22915 |
| iii) | Air transport | 1030 | 1112 | 1250 | 1653 | 1722 | 1934 | 2381 |
| iv) | Support transport services, storage | 1839 | 2305 | 2542 | 2622 | 2944 | 3484 | 4105 |
| v) | Post and telecommunication | 2349 | 2741 | 3127 | 3871 | 4246 | 5691 | 6184 |
| **10** | **Financial Intermediations** | **8716** | **9998** | **11575** | **13432** | **14832** | **16389** | **18034** |
| i) | Bank (Monetary Intermediation) | 7677 | 8678 | 9938 | 11319 | 12912 | 14373 | 15967 |
| ii) | Insurance | 1021 | 1222 | 1489 | 1917 | 1692 | 1738 | 1737 |
| iii) | Others (Financial Intermediation) | 18 | 98 | 148 | 196 | 228 | 278 | 330 |
| **11** | **Real Estate, Renting and Business Activities** | **54005** | **63266** | **75263** | **83280.3** | **92421.4** | **98843.5** | **108562** |
| **12** | **Public Administration and Defense** | **14099** | **16119** | **17920** | **20006** | **21874** | **25903** | **31063** |
| **13** | **Education** | **13374** | **14862** | **16682** | **18317** | **20542** | **22887.8** | **25707.9** |
| **14** | **Health and Social Works** | **15317** | **17220** | **21224** | **22320.4** | **24234** | **26587** | **29258** |
| **15** | **Community, Social and Personal Services** | **64402** | **73057** | **80396** | **91258.8** | **96957.1** | **104824** | **113570** |
| | **GDP at producer price** | **710811** | **780391** | **867775** | **975595** | **1073727** | **1155010** | **1207308** |
| | Growth rate | 14.9188 | 9.78882 | 11.1975 | 12.4249 | 10.0586 | 7.57014 | 4.52793 |
| | Import duty | 16899 | 19537 | 22823 | 27693 | 31455 | 40415 | 46386 |
| | **GDP at current market price** | **727710** | **799928** | **890598** | **1003288** | **1105182** | **1195425** | **1253694** |
| | **GDP at current market price (Tk bill)** | **727.71** | **799.928** | **890.598** | **1003.29** | **1105.18** | **1195.42** | **1253.69** |

***Source: Bangladesh Bureau of Statistics***

**Table 10: GDP at current market prices (1993/94-99/00)**

(Million Taka)

| | Industrial Origin Sector | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-2000 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **269000** | **310059.7** | **324381.6** | **350461.6** | **381358.6** | **429901** | **446923** |
| i) | Crops & horticulture | 194896.5 | 230569.7 | 239924.6 | 259974.6 | 284239.6 | 323955 | 334178 |
| ii) | Animal farming | 47626 | 50547 | 53621 | 56969 | 60496 | 64431 | 68576 |
| iii) | Forest and related services | 26477.51 | 28943 | 30836 | 33518 | 36623 | 41515 | 44169 |
| **2** | **Fishing** | **65823** | **76307.01** | **85500** | **96415** | **108742.3** | **124854** | **136738** |
| **3** | **Mining and Quarrying** | **13699** | **15444** | **16691** | **18002** | **19517** | **20664** | **23112** |
| i) | Natural gas and crude petroleum | 8405 | 9235 | 9919 | 9898 | 10418 | 10800 | 12769 |
| ii) | Other mining & quarrying | 5294 | 6209 | 6772 | 8104 | 9099 | 9864 | 10343 |
| **4** | **Manufacturing** | **199792** | **224560** | **246351** | **270605** | **312692** | **327828** | **348371** |
| i) | Large & medium scale | 140839 | 160338 | 175732 | 190314 | 221752 | 235265 | 249387 |
| ii) | Small scale | 58953 | 64222 | 70619 | 80291 | 90940 | 92563 | 98984 |
| **5** | **Electricity, Water Supply and Gas** | **21124** | **22685** | **24009** | **25537** | **26433** | **28381** | **30722** |
| i) | Electricity | 17901 | 19056 | 20196 | 21585 | 22132 | 23879 | 25792 |
| ii) | Gas | 2255 | 2641 | 2810 | 2898 | 3103 | 3184 | 3433 |
| iii) | Water | 968 | 988 | 1003 | 1054 | 1198 | 1318 | 1497 |
| **6** | **Construction** | **83197.64** | **96960.52** | **109993.5** | **121694.7** | **138587.8** | **156249.1** | **176218** |
| **7** | **Wholesale and Retail Trade** | **163588** | **188727.3** | **206076.2** | **220373.6** | **248444.5** | **272319** | **292037** |
| **8** | **Hotel and Restaurants** | **8045** | **8841** | **9782** | **10328** | **11561.18** | **13165.47** | **14628** |
| **9** | **Transport, Storage and Communication** | **126827** | **135252** | **144832** | **155841** | **167413** | **180413** | **197433** |
| i) | Land transport | 89030 | 95310 | 102758 | 110496 | 120237 | 130832 | 144626 |
| ii) | Water transport | 22883 | 22700 | 22825 | 23102 | 23263 | 24035 | 24903 |
| iii) | Air transport | 2654 | 2440 | 2496 | 2393 | 2797 | 3201 | 3731 |
| iv) | Support transport services, storage | 4291 | 5296 | 5850 | 6159 | 6409 | 6762 | 7722 |
| v) | Post and telecommunication | 7969 | 9506 | 10903 | 13691 | 14707 | 15583 | 16451 |
| **10** | **Financial Intermediations** | **20064** | **22464** | **25171** | **27595** | **29918** | **33511** | **36475** |
| i) | Bank (Monetary Intermediation) | 17551 | 19302 | 21022 | 22433 | 23910 | 26388 | 28278 |
| ii) | Insurance | 2111 | 2661 | 3366 | 3976 | 4707 | 5654 | 6598 |
| iii) | Others (Financial Intermediation) | 402 | 501 | 783 | 1186 | 1301 | 1469 | 1599 |
| **11** | **Real Estate, Renting and Business Activities** | **119955.8** | **130952** | **151035.9** | **162952.3** | **176284.9** | **195837** | **211391** |
| **12** | **Public Administration and Defense** | **33810** | **36872** | **40165.06** | **44188** | **49604** | **55522.78** | **62340** |
| **13** | **Education** | **28241** | **30729** | **33042** | **36099.18** | **41365.87** | **47178** | **53859** |
| **14** | **Health and Social Works** | **31543** | **33798.19** | **36387.84** | **39423.79** | **43709.41** | **48416** | **53762** |
| **15** | **Community, Social and Personal Services** | **121739.4** | **130728** | **142942.9** | **153811.8** | **170285** | **184971** | **203596** |
| | **GDP at producer price** | **1306449** | **1464380** | **1596361** | **1733328** | **1925917** | **2119210** | **2287605** |
| | Growth rate | 8.21174 | 12.08856 | 9.01278 | 8.579946 | 11.11092 | 10.03646 | 7.94611 |
| | Import duty | 47675 | 60798 | 66880 | 73685 | 75849 | 77761 | 83252 |
| | **GDP at current market price** | **1354124** | **1525178** | **1663241** | **1807013** | **2001766** | **2196971** | **2370857** |
| | **GDP at current market price (Tk bill)** | **1354.124** | **1525.178** | **1663.241** | **1807.013** | **2001.766** | **2196.971** | **2370.86** |

***Source: Bangladesh Bureau of Statistics***

**Table 11: GDP at current market prices (2000/01-2004/05)**

(Million Taka)

| | Industrial Origin Sector | 2000-01 | 2001-02 | 2002-03 | 2004-05 | 2004-05 |
|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **456311** | **460034** | **487981** | **524192** | **561674** |
| i) | Crops & horticulture | 340638 | 338964 | 360238 | 388835 | 414819 |
| ii) | Animal farming | 68929 | 71182 | 74736 | 79155 | 86798 |
| iii) | Forest and related services | 46744 | 49888 | 53007 | 56202 | 60057 |
| **2** | **Fishing** | **134061** | **138970** | **142588** | **147833** | **154564** |
| **3** | **Mining and Quarrying** | **26398** | **29973** | **33094** | **36435** | **40411** |
| i) | Natural gas and crude petroleum | 15017 | 17333 | 18999 | 20854 | 22948 |
| ii) | Other mining & quarrying | 11381 | 12640 | 14095 | 15581 | 17463 |
| **4** | **Manufacturing** | **382342** | **418046** | **458127** | **515268** | **587952** |
| i) | Large & medium scale | 273404 | 295960 | 323773 | 363641 | 415350 |
| ii) | Small scale | 108938 | 122086 | 134354 | 151627 | 172602 |
| **5** | **Electricity, Water Supply and Gas** | **33464** | **36400** | **39894** | **44245** | **49090** |
| i) | Electricity | 28044 | 30529 | 33185 | 36832 | 40654 |
| ii) | Gas | 3746 | 3991 | 4377 | 4801 | 5320 |
| iii) | Water | 1674 | 1880 | 2332 | 2612 | 3116 |
| **6** | **Construction** | **193344** | **211586** | **230156** | **253966** | **290608** |
| **7** | **Wholesale and Retail Trade** | **324789** | **353122** | **391027** | **441031** | **502782** |
| **8** | **Hotel and Restaurants** | **15902** | **17404** | **19438** | **22021** | **25117** |
| **9** | **Transport, Storage and Communication** | **221285** | **255237** | **311122** | **344443** | **382890** |
| i) | Land transport | 160985 | 188693 | 240961 | 268602 | 293741 |
| ii) | Water transport | 26156 | 27245 | 27925 | 28858 | 29942 |
| iii) | Air transport | 3927 | 4128 | 4198 | 4385 | 4669 |
| iv) | Support transport services, storage | 9338 | 9918 | 10357 | 10695 | 11712 |
| v) | Post and telecommunication | 20879 | 25253 | 27681 | 31903 | 42826 |
| **10** | **Financial Intermediations** | **39106** | **42069** | **47182** | **51974** | **59343** |
| i) | Bank (Monetary Intermediation) | 29878 | 31785 | 35396 | 38886 | 44508 |
| ii) | Insurance | 7604 | 8613 | 9988 | 11109 | 12590 |
| iii) | Others (Financial Intermediation) | 1624 | 1671 | 1798 | 1979 | 2245 |
| **11** | **Real Estate, Renting and Business Activities** | **223653** | **239947** | **256784** | **276006** | **297443** |
| **12** | **Public Administration and Defense** | **66952** | **71174** | **77832** | **86237** | **96374** |
| **13** | **Education** | **58518** | **63516** | **70644** | **78733** | **87882** |
| **14** | **Health and Social Works** | **57221** | **60792** | **66015** | **71969** | **81043** |
| **15** | **Community, Social and Personal Services** | **216645** | **236983** | **266845** | **300278** | **338763** |
| | **GDP at producer price** | **2449991** | **2635253** | **2898729** | **3194631** | **3555936** |
| | Growth rate | 7.098516 | 7.561742 | 9.998129 | 10.20799 | 11.30976 |
| | Import duty | 85472 | 102048 | 107072 | 135100 | 151133 |
| | **GDP at current market price** | **2535463** | **2737301** | **3005801** | **3329731** | **3707069** |
| | **GDP at current market price (Tk bill)** | **2535.463** | **2737.301** | **3005.801** | **3329.731** | **3707.069** |

***Source: Bangladesh Bureau of Statistics***

**Table 12: GDP at current market prices (2005/06-2009/10)**

(Million Taka)

| | Industrial Origin Sector | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 |
|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **622234** | **701242** | **802015** | **894264** | **1005880** |
| i) | Crops & horticulture | 461182 | 524676 | 605784 | 672467 | 753391 |
| ii) | Animal farming | 96821 | 107803 | 121182 | 140022 | 162188 |
| iii) | Forest and related services | 64231 | 68763 | 75049 | 81775 | 90301 |
| **2** | **Fishing** | **163168** | **177827** | **197901** | **218064** | **242229** |
| **3** | **Mining and Quarrying** | **46431** | **53217** | **61517** | **70910** | **81141** |
| i) | Natural gas and crude petroleum | 25683 | 28453 | 31641 | 35900 | 40393 |
| ii) | Other mining & quarrying | 20748 | 24764 | 29876 | 35010 | 40748 |
| **4** | **Manufacturing** | **689227** | **811780** | **939008** | **1064453** | **121081** |
| i) | Large & medium scale | 489736 | 576881 | 667587 | 756104 | 848991 |
| ii) | Small scale | 199491 | 234899 | 271421 | 308349 | 352090 |
| **5** | **Electricity, Water Supply and Gas** | **53915** | **55899** | **60704** | **65421** | **71945** |
| i) | Electricity | 44551 | 45671 | 49551 | 53109 | 58398 |
| ii) | Gas | 5940 | 6512 | 7162 | 7929 | 8762 |
| iii) | Water | 3424 | 3716 | 3991 | 4,383 | 4,786 |
| **6** | **Construction** | **327970** | **375432** | **438538** | **501,253** | **556,581** |
| **7** | **Wholesale and Retail Trade** | **569842** | **660113** | **782203** | **882,764** | **1,002,946** |
| **8** | **Hotel and Restaurants** | **28532** | **32893** | **38889** | **44,598** | **51,501** |
| **9** | **Transport, Storage and Communication** | **432056** | **489084** | **569073** | **642,803** | **718,796** |
| i) | Land transport | 328407 | 368526 | 428575 | 483,648 | 541,588 |
| ii) | Water transport | 31370 | 33067 | 36211 | 39,230 | 42,137 |
| iii) | Air transport | 5003 | 5094 | 5461 | 5,892 | 6,491 |
| iv) | Support transport services, storage | 12604 | 14199 | 15689 | 17,582 | 19,380 |
| v) | Post and telecommunication | 54672 | 68198 | 83137 | 96,452 | 109,201 |
| **10** | **Financial Intermediations** | **66839** | **77436** | **89548** | **102,453** | **122,998** |
| i) | Bank (Monetary Intermediation) | 49948 | 57969 | 66564 | 76,135 | 90,631 |
| ii) | Insurance | 14296 | 16397 | 19300 | 22,010 | 27,016 |
| iii) | Others (Financial Intermediation) | 2595 | 3070 | 3684 | 4,308 | 5,351 |
| **11** | **Real Estate, Renting and Business Activities** | **321569** | **349286** | **380580** | **416,164** | **456,830** |
| **12** | **Public Administration and Defense** | **110355** | **127432** | **144270** | **163,604** | **187,569** |
| **13** | **Education** | **99345** | **117760** | **135315** | **154,940** | **179,084** |
| **14** | **Health and Social Works** | **90220** | **103066** | **118191** | **133,908** | **151,424** |
| **15** | **Community, Social and Personal Services** | **382832** | **435676** | **502002** | **583,643** | **684,655** |
| | **GDP at producer price** | **4004535** | **4568143** | **5259754** | **5924072** | **6691435** |
| | Growth rate | 12.6155 | 14.07424 | 15.13987 | 12.63021 | 12.62 |
| | Import duty | 152744 | 156626 | 198469 | 225360 | 232360 |
| | **GDP at current market price** | **4157279** | **4724769** | **5458223** | **6,147,952** | **6,943,243** |
| | **GDP at current market price (Tk bill)** | **4157.279** | **4724.769** | **5458.223** | **6147.952** | **6943.243** |

***Source: Bangladesh Bureau of Statistics***

**Table 13: Sectoral Share of GDP (%) at current market prices (1979/80-1984/85)**

| | Industrial Origin Sector | 1979-80 | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 |
|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **27.66** | **28.16** | **27.79** | **27.49** | **30.78** | **28.93** |
| i) | Crops & horticulture | 22.34 | 23.47 | 23.56 | 23.25 | 26.39 | 24.17 |
| ii) | Animal farming | 4.10 | 3.46 | 3.05 | 2.94 | 2.76 | 3.42 |
| iii) | Forest and related services | 1.22 | 1.22 | 1.18 | 1.30 | 1.63 | 1.34 |
| **2** | **Fishing** | **3.10** | **2.71** | **2.63** | **2.47** | **2.88** | **3.08** |
| **3** | **Mining and Quarrying** | **0.47** | **0.47** | **0.50** | **0.53** | **0.57** | **0.55** |
| i) | Natural gas and crude petroleum | 0.14 | 0.15 | 0.18 | 0.21 | 0.25 | 0.26 |
| ii) | Other mining & quarrying | 0.34 | 0.32 | 0.32 | 0.32 | 0.32 | 0.30 |
| **4** | **Manufacturing** | **13.48** | **13.37** | **13.38** | **14.35** | **14.87** | **13.83** |
| i) | Large & medium scale | 9.48 | 9.38 | 9.25 | 10.07 | 10.60 | 9.81 |
| ii) | Small scale | 4.00 | 3.99 | 4.13 | 4.28 | 4.27 | 4.02 |
| **5** | **Electricity, Water Supply and Gas** | **0.47** | **0.63** | **0.69** | **0.88** | **0.94** | **0.97** |
| i) | Electricity | 0.38 | 0.53 | 0.59 | 0.77 | 0.82 | 0.86 |
| ii) | Gas | 0.04 | 0.05 | 0.05 | 0.05 | 0.07 | 0.07 |
| iii) | Water | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| **6** | **Construction** | **5.69** | **5.88** | **6.00** | **5.62** | **5.66** | **5.59** |
| **7** | **Wholesale and Retail Trade** | **12.59** | **12.54** | **12.46** | **12.65** | **13.76** | **12.87** |
| **8** | **Hotel and Restaurants** | **0.56** | **0.54** | **0.57** | **0.55** | **0.59** | **0.59** |
| **9** | **Transport, Storage and Communication** | **10.38** | **10.37** | **10.72** | **11.14** | **4.58** | **9.94** |
| i) | Land transport | 6.57 | 6.56 | 6.87 | 7.27 | 0.78 | 6.50 |
| ii) | Water transport | 3.29 | 3.27 | 3.26 | 3.27 | 3.10 | 2.75 |
| iii) | Air transport | 0.07 | 0.08 | 0.09 | 0.08 | 0.14 | 0.13 |
| iv) | Support transport services, storage | 0.22 | 0.23 | 0.25 | 0.26 | 0.27 | 0.27 |
| v) | Post and telecommunication | 0.23 | 0.22 | 0.25 | 0.27 | 0.29 | 0.29 |
| **10** | **Financial Intermediations** | **1.28** | **1.29** | **1.26** | **1.25** | **1.31** | **1.25** |
| i) | Bank (Monetary Intermediation) | 1.14 | 1.15 | 1.13 | 1.12 | 1.19 | 1.13 |
| ii) | Insurance | 0.15 | 0.14 | 0.13 | 0.13 | 0.12 | 0.13 |
| iii) | Others (Financial Intermediation) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **11** | **Real Estate, Renting and Business Activities** | **8.49** | **7.89** | **7.60** | **7.06** | **7.79** | **7.20** |
| **12** | **Public Administration and Defense** | **1.37** | **1.47** | **1.41** | **1.44** | **1.52** | **1.51** |
| **13** | **Education** | **1.93** | **1.94** | **1.98** | **2.02** | **1.96** | **1.84** |
| **14** | **Health and Social Works** | **2.27** | **2.27** | **2.33** | **2.26** | **2.27** | **2.13** |
| **15** | **Community, Social and Personal Services** | **7.75** | **7.86** | **8.26** | **7.91** | **8.22** | **7.39** |
| | **GDP at producer price** | **100.00** | **100.00** | **100.00** | **100.00** | **100.00** | **100.00** |

***Source: Bangladesh Bureau of Statistics***

**Table 14: Sectoral Share of GDP (%) at current market prices (1985/86-1991/92)**

| | Industrial Origin Sector | 1985-86 | 1886-87 | 1987-88 | 1988-89 | 1989-90 | 1990-91 | 1991-92 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **27.98** | **28.16** | **26.63** | **25.84** | **25.80** | **25.91** | **24.70** |
| i) | Crops & horticulture | 22.30 | 22.91 | 21.09 | 20.34 | 20.01 | 20.20 | 19.10 |
| ii) | Animal farming | 3.89 | 3.52 | 3.50 | 3.66 | 3.85 | 3.67 | 3.57 |
| iii) | Forest and related services | 1.79 | 1.73 | 2.03 | 1.83 | 1.93 | 2.03 | 2.04 |
| **2** | **Fishing** | **3.24** | **3.51** | **3.67** | **3.74** | **3.62** | **3.59** | **3.69** |
| **3** | **Mining and Quarrying** | **0.60** | **0.66** | **0.77** | **0.82** | **0.82** | **0.82** | **0.88** |
| i) | Natural gas and crude petroleum | 0.31 | 0.37 | 0.47 | 0.52 | 0.53 | 0.52 | 0.54 |
| ii) | Other mining & quarrying | 0.29 | 0.28 | 0.30 | 0.30 | 0.29 | 0.30 | 0.34 |
| **4** | **Manufacturing** | **13.65** | **12.95** | **12.86** | **12.45** | **12.74** | **13.03** | **13.44** |
| i) | Large & medium scale | 9.63 | 9.17 | 9.23 | 8.77 | 9.01 | 9.13 | 9.36 |
| ii) | Small scale | 4.02 | 3.77 | 3.63 | 3.68 | 3.74 | 3.90 | 4.08 |
| **5** | **Electricity, Water Supply and Gas** | **1.10** | **1.19** | **1.41** | **1.46** | **1.51** | **1.50** | **1.50** |
| i) | Electricity | 0.97 | 1.06 | 1.26 | 1.31 | 1.36 | 1.31 | 1.30 |
| ii) | Gas | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.15 | 0.15 |
| iii) | Water | 0.05 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| **6** | **Construction** | **5.70** | **5.49** | **5.63** | **5.79** | **5.80** | **5.77** | **5.90** |
| **7** | **Wholesale and Retail Trade** | **12.72** | **12.36** | **12.14** | **12.03** | **11.94** | **12.08** | **11.84** |
| **8** | **Hotel and Restaurants** | **0.57** | **0.56** | **0.56** | **0.57** | **0.57** | **0.57** | **0.57** |
| **9** | **Transport, Storage and Communication** | **9.70** | **9.45** | **9.58** | **9.69** | **9.66** | **9.38** | **9.38** |
| i) | Land transport | 6.41 | 6.27 | 6.40 | 6.58 | 6.65 | 6.54 | 6.54 |
| ii) | Water transport | 2.66 | 2.47 | 2.40 | 2.33 | 2.20 | 2.03 | 1.91 |
| iii) | Air transport | 0.13 | 0.14 | 0.14 | 0.14 | 0.16 | 0.16 | 0.16 |
| iv) | Support transport services, storage | 0.26 | 0.25 | 0.29 | 0.29 | 0.26 | 0.27 | 0.29 |
| v) | Post and telecommunication | 0.24 | 0.32 | 0.34 | 0.35 | 0.39 | 0.38 | 0.48 |
| **10** | **Financial Intermediations** | **1.22** | **1.20** | **1.25** | **1.30** | **1.34** | **1.34** | **1.37** |
| i) | Bank (Monetary Intermediation) | 1.09 | 1.05 | 1.08 | 1.12 | 1.13 | 1.17 | 1.20 |
| ii) | Insurance | 0.12 | 0.14 | 0.15 | 0.17 | 0.19 | 0.15 | 0.15 |
| iii) | Others (Financial Intermediation) | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| **11** | **Real Estate, Renting and Business Activities** | **7.33** | **7.42** | **7.91** | **8.45** | **8.30** | **8.36** | **8.27** |
| **12** | **Public Administration and Defense** | **1.78** | **1.94** | **2.02** | **2.01** | **1.99** | **1.98** | **2.17** |
| **13** | **Education** | **1.88** | **1.84** | **1.86** | **1.87** | **1.83** | **1.86** | **1.91** |
| **14** | **Health and Social Works** | **2.12** | **2.10** | **2.15** | **2.38** | **2.22** | **2.19** | **2.22** |
| **15** | **Community, Social and Personal Services** | **8.19** | **8.85** | **9.13** | **9.03** | **9.10** | **8.77** | **8.77** |
| | **GDP at producer price** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |

***Source: Bangladesh Bureau of Statistics***

**Table 15: Sectoral Share of GDP (%) at current market prices (1992/93-1998/99)**

| | Industrial Origin Sector | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **20.89** | **19.87** | **20.33** | **19.50** | **19.39** | **19.05** | **19.57** |
| i) | Crops & horticulture | 15.27 | 14.39 | 15.12 | 14.43 | 14.39 | 14.20 | 14.75 |
| ii) | Animal farming | 3.59 | 3.52 | 3.31 | 3.22 | 3.15 | 3.02 | 2.93 |
| iii) | Forest and related services | 2.03 | 1.96 | 1.90 | 1.85 | 1.85 | 1.83 | 1.89 |
| **2** | **Fishing** | **4.39** | **4.86** | **5.00** | **5.14** | **5.34** | **5.43** | **5.68** |
| **3** | **Mining and Quarrying** | **1.01** | **1.01** | **1.01** | **1.00** | **1.00** | **0.97** | **0.94** |
| i) | Natural gas and crude petroleum | 0.64 | 0.62 | 0.61 | 0.60 | 0.55 | 0.52 | 0.49 |
| ii) | Other mining & quarrying | 0.37 | 0.39 | 0.41 | 0.41 | 0.45 | 0.45 | 0.45 |
| **4** | **Manufacturing** | **14.35** | **14.75** | **14.72** | **14.81** | **14.98** | **15.62** | **14.92** |
| i) | Large & medium scale | 10.06 | 10.40 | 10.51 | 10.57 | 10.53 | 11.08 | 10.71 |
| ii) | Small scale | 4.29 | 4.35 | 4.21 | 4.25 | 4.44 | 4.54 | 4.21 |
| **5** | **Electricity, Water Supply and Gas** | **1.56** | **1.56** | **1.49** | **1.44** | **1.41** | **1.32** | **1.29** |
| i) | Electricity | 1.34 | 1.32 | 1.25 | 1.21 | 1.19 | 1.11 | 1.09 |
| ii) | Gas | 0.16 | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.14 |
| iii) | Water | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| **6** | **Construction** | **6.01** | **6.14** | **6.36** | **6.61** | **6.73** | **6.92** | **7.11** |
| **7** | **Wholesale and Retail Trade** | **11.95** | **12.08** | **12.37** | **12.39** | **12.20** | **12.41** | **12.40** |
| **8** | **Hotel and Restaurants** | **0.58** | **0.59** | **0.58** | **0.59** | **0.57** | **0.58** | **0.60** |
| **9** | **Transport, Storage and Communication** | **9.53** | **9.37** | **8.87** | **8.71** | **8.62** | **8.36** | **8.21** |
| i) | Land transport | 6.69 | 6.57 | 6.25 | 6.18 | 6.11 | 6.01 | 5.96 |
| ii) | Water transport | 1.83 | 1.69 | 1.49 | 1.37 | 1.28 | 1.16 | 1.09 |
| iii) | Air transport | 0.19 | 0.20 | 0.16 | 0.15 | 0.13 | 0.14 | 0.15 |
| iv) | Support transport services, storage | 0.33 | 0.32 | 0.35 | 0.35 | 0.34 | 0.32 | 0.31 |
| v) | Post and telecommunication | 0.49 | 0.59 | 0.62 | 0.66 | 0.76 | 0.73 | 0.71 |
| **10** | Financial Intermediations | 1.44 | 1.48 | 1.47 | 1.51 | 1.53 | 1.49 | 1.53 |
| i) | Bank (Monetary Intermediation) | 1.27 | 1.30 | 1.27 | 1.26 | 1.24 | 1.19 | 1.20 |
| ii) | Insurance | 0.14 | 0.16 | 0.17 | 0.20 | 0.22 | 0.24 | 0.26 |
| iii) | Others (Financial Intermediation) | 0.03 | 0.03 | 0.03 | 0.05 | 0.07 | 0.06 | 0.07 |
| **11** | **Real Estate, Renting and Business Activities** | **8.66** | **8.86** | **8.59** | **9.08** | **9.02** | **8.81** | **8.91** |
| **12** | **Public Administration and Defense** | **2.48** | **2.50** | **2.42** | **2.41** | **2.45** | **2.48** | **2.53** |
| **13** | **Education** | **2.05** | **2.09** | **2.01** | **1.99** | **2.00** | **2.07** | **2.15** |
| **14** | **Health and Social Works** | **2.33** | **2.33** | **2.22** | **2.19** | **2.18** | **2.18** | **2.20** |
| **15** | **Community, Social and Personal Services** | **9.06** | **8.99** | **8.57** | **8.59** | **8.51** | **8.51** | **8.42** |
| | **GDP at producer price** | **100** | **100** | **100** | **100** | **100** | **100** | **100** |

***Source: Bangladesh Bureau of Statistics***

**Table 16: Sectoral Share of GDP (%) at current market prices (1999/00-2004/05)**

| | Industrial Origin Sector | 1999-000 | 2000-01 | 2001-02 | 2002-03 | 2004-05 | 2004-05 |
|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **18.85** | **18.00** | **16.81** | **16.23** | **15.74** | **15.15** |
| i) | Crops & horticulture | 14.10 | 13.43 | 12.38 | 11.98 | 11.68 | 11.19 |
| ii) | Animal farming | 2.89 | 2.72 | 2.60 | 2.49 | 2.38 | 2.34 |
| iii) | Forest and related services | 1.86 | 1.84 | 1.82 | 1.76 | 1.69 | 1.62 |
| **2** | **Fishing** | **5.77** | **5.29** | **5.08** | **4.74** | **4.44** | **4.17** |
| **3** | **Mining and Quarrying** | **0.97** | **1.04** | **1.09** | **1.10** | **1.09** | **1.09** |
| i) | Natural gas and crude petroleum | 0.54 | 0.59 | 0.63 | 0.63 | 0.63 | 0.62 |
| ii) | Other mining & quarrying | 0.44 | 0.45 | 0.46 | 0.47 | 0.47 | 0.47 |
| **4** | **Manufacturing** | **14.69** | **15.08** | **15.27** | **15.24** | **15.47** | **15.86** |
| i) | Large & medium scale | 10.52 | 10.78 | 10.81 | 10.77 | 10.92 | 11.20 |
| ii) | Small scale | 4.18 | 4.30 | 4.46 | 4.47 | 4.55 | 4.66 |
| **5** | **Electricity, Water Supply and Gas** | **1.30** | **1.32** | **1.33** | **1.33** | **1.33** | **1.32** |
| i) | Electricity | 1.09 | 1.11 | 1.12 | 1.10 | 1.11 | 1.10 |
| ii) | Gas | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 |
| iii) | Water | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 |
| **6** | **Construction** | **7.43** | **7.63** | **7.73** | **7.66** | **7.63** | **7.84** |
| **7** | **Wholesale and Retail Trade** | **12.32** | **12.81** | **12.90** | **13.01** | **13.25** | **13.56** |
| **8** | **Hotel and Restaurants** | **0.62** | **0.63** | **0.64** | **0.65** | **0.66** | **0.68** |
| **9** | **Transport, Storage and Communication** | **8.33** | **8.73** | **9.32** | **10.35** | **10.34** | **10.33** |
| i) | Land transport | 6.10 | 6.35 | 6.89 | 8.02 | 8.07 | 7.92 |
| ii) | Water transport | 1.05 | 1.03 | 1.00 | 0.93 | 0.87 | 0.81 |
| iii) | Air transport | 0.16 | 0.15 | 0.15 | 0.14 | 0.13 | 0.13 |
| iv) | Support transport services, storage | 0.33 | 0.37 | 0.36 | 0.34 | 0.32 | 0.32 |
| v) | Post and telecommunication | 0.69 | 0.82 | 0.92 | 0.92 | 0.96 | 1.16 |
| **10** | **Financial Intermediations** | **1.54** | **1.54** | **1.54** | **1.57** | **1.56** | **1.60** |
| i) | Bank (Monetary Intermediation) | 1.19 | 1.18 | 1.16 | 1.18 | 1.17 | 1.20 |
| ii) | Insurance | 0.28 | 0.30 | 0.31 | 0.33 | 0.33 | 0.34 |
| iii) | Others (Financial Intermediation) | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| **11** | **Real Estate, Renting and Business Activities** | **8.92** | **8.82** | **8.77** | **8.54** | **8.29** | **8.02** |
| **12** | **Public Administration and Defense** | **2.63** | **2.64** | **2.60** | **2.59** | **2.59** | **2.60** |
| **13** | **Education** | **2.27** | **2.31** | **2.32** | **2.35** | **2.36** | **2.37** |
| **14** | **Health and Social Works** | **2.27** | **2.26** | **2.22** | **2.20** | **2.16** | **2.19** |
| **15** | **Community, Social and Personal Services** | **8.59** | **8.54** | **8.66** | **8.88** | **9.02** | **9.14** |
| | **GDP at producer price** | **100** | **100** | **100** | **100** | **100** | **100** |

***Source: Bangladesh Bureau of Statistics***

**Table 17: Sectoral Share of GDP (%) at current market prices (2005/06-09/10)**

| | Industrial Origin Sector | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 |
|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **14.97** | **15.35** | **15.25** | **15.06** | **14.98** |
| i) | Crops & horticulture | 11.09 | 11.49 | 11.52 | 11.32 | 11.22 |
| ii) | Animal farming | 2.36 | 2.36 | 2.30 | 2.36 | 2.42 |
| iii) | Forest and related services | 1.51 | 1.51 | 1.43 | 1.38 | 1.34 |
| **2** | **Fishing** | **3.89** | **3.89** | **3.76** | **3.67** | **3.61** |
| **3** | **Mining and Quarrying** | **1.12** | **1.16** | **1.17** | **1.19** | **1.21** |
| i) | Natural gas and crude petroleum | 0.62 | 0.62 | 0.60 | 0.60 | 0.60 |
| ii) | Other mining & quarrying | 0.50 | 0.54 | 0.57 | 0.59 | 0.61 |
| **4** | **Manufacturing** | **16.58** | **17.77** | **17.85** | **17.92** | **17.89** |
| i) | Large & medium scale | 11.78 | 12.63 | 12.69 | 12.73 | 12.64 |
| ii) | Small scale | 4.80 | 5.14 | 5.16 | 5.19 | 5.24 |
| **5** | **Electricity, Water Supply and Gas** | **1.30** | **1.22** | **1.15** | **1.10** | **1.07** |
| i) | Electricity | 1.07 | 1.00 | 0.94 | 0.89 | 0.87 |
| ii) | Gas | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 |
| iii) | Water | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 |
| **6** | **Construction** | **7.89** | **8.22** | **8.34** | **8.44** | **8.29** |
| **7** | **Wholesale and Retail Trade** | **13.71** | **14.45** | **14.87** | **14.86** | **14.94** |
| **8** | **Hotel and Restaurants** | **0.69** | **0.72** | **0.74** | **0.75** | **0.77** |
| **9** | **Transport, Storage and Communication** | **10.39** | **10.71** | **10.82** | **10.82** | **10.70** |
| i) | Land transport | 7.90 | 8.07 | 8.15 | 8.14 | 8.07 |
| ii) | Water transport | 0.75 | 0.72 | 0.69 | 0.66 | 0.63 |
| iii) | Air transport | 0.12 | 0.11 | 0.10 | 0.10 | 0.09 |
| iv) | Support transport services, storage | 0.30 | 0.31 | 0.30 | 0.30 | 0.29 |
| v) | Post and telecommunication | 1.32 | 1.49 | 1.58 | 1.62 | 1.63 |
| **10** | **Financial Intermediations** | **1.61** | **1.70** | **1.70** | **1.73** | **1.83** |
| i) | Bank (Monetary Intermediation) | 1.20 | 1.27 | 1.27 | 1.28 | 1.35 |
| ii) | Insurance | 0.34 | 0.36 | 0.37 | 0.37 | 0.40 |
| iii) | Others (Financial Intermediation) | 0.06 | 0.07 | 0.07 | 0.07 | 0.08 |
| **11** | **Real Estate, Renting and Business Activities** | **7.74** | **7.65** | **7.24** | **7.01** | **6.80** |
| **12** | **Public Administration and Defense** | **2.65** | **2.79** | **2.74** | **2.75** | **2.79** |
| **13** | **Education** | **2.39** | **2.58** | **2.57** | **2.61** | **2.67** |
| **14** | **Health and Social Works** | **2.17** | **2.26** | **2.25** | **2.25** | **2.26** |
| **15** | **Community, Social and Personal Services** | **9.21** | **9.54** | **9.54** | **9.83** | **10.20** |
| | **GDP at producer price** | **100.00** | **100.00** | **100.00** | **100.00** | **100.00** |

***Source: Bangladesh Bureau of Statistics***

**Table 18: GDP Growth by Industrial Sector (1980/81-86/87), 1995/96=100**

| | Industrial Origin Sector | 1980-81 | 1981-82 | 1982-83 | 1983-84 | 1984-85 | 1985-86 | 1986-87 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **3.82** | **0.21** | **3.69** | **5.40** | **-0.02** | **3.49** | **-0.25** |
| i) | Crops & horticulture | 4.45 | -0.77 | 3.78 | 5.88 | 0.11 | 3.62 | -0.49 |
| ii) | Animal farming | 1.95 | 1.98 | 2.01 | 2.04 | 2.08 | 2.11 | 2.14 |
| iii) | Forest and related services | 1.42 | 6.33 | 5.94 | 7.09 | -4.74 | 4.76 | -2.34 |
| **2** | **Fishing** | **0.43** | **5.67** | **5.29** | **1.98** | **1.93** | **2.33** | **2.32** |
| **3** | **Mining and Quarrying** | **5.17** | **12.41** | **6.60** | **8.75** | **8.47** | **7.55** | **10.66** |
| i) | Natural gas and crude petroleum | 10.01 | 29.72 | 11.32 | 15.96 | 14.28 | 13.37 | 17.50 |
| ii) | Other mining & quarrying | 2.93 | 3.85 | 3.68 | 3.97 | 4.18 | 2.84 | 4.54 |
| **4** | **Manufacturing** | **4.37** | **1.25** | **3.43** | **8.92** | **5.55** | **7.31** | **7.95** |
| i) | Large & medium scale | 4.20 | -0.29 | 2.60 | 10.31 | 5.36 | 7.71 | 8.45 |
| ii) | Small scale | 4.81 | 5.12 | 5.40 | 5.70 | 6.02 | 6.36 | 6.74 |
| **5** | **Electricity, Water Supply and Gas** | **10.21** | **14.75** | **14.67** | **16.98** | **17.46** | **6.05** | **15.64** |
| i) | Electricity | 11.80 | 17.42 | 16.30 | 17.14 | 15.72 | 7.44 | 17.95 |
| ii) | Gas | 3.55 | 3.03 | 7.30 | 20.88 | 30.80 | 0.00 | 4.60 |
| iii) | Water | 6.65 | 7.72 | 8.26 | 6.36 | 13.16 | 0.00 | 5.50 |
| **6** | **Construction** | **6.29** | **7.47** | **3.72** | **9.19** | **5.55** | **5.19** | **8.02** |
| **7** | **Wholesale and Retail Trade** | **4.11** | **3.31** | **5.46** | **6.52** | **3.84** | **4.19** | **4.58** |
| **8** | **Hotel and Restaurants** | **3.50** | **3.62** | **3.74** | **3.90** | **4.02** | **4.17** | **4.32** |
| **9** | **Transport, Storage and Communication** | **4.99** | **6.53** | **5.74** | **5.47** | **5.09** | **3.29** | **4.57** |
| i) | Land transport | 5.98 | 7.32 | 7.50 | 6.13 | 5.24 | 4.86 | 4.52 |
| ii) | Water transport | 2.37 | 3.20 | 2.36 | 1.54 | 2.01 | 0.43 | 0.35 |
| iii) | Air transport | 12.56 | 23.79 | -3.06 | 86.32 | 15.35 | 3.02 | 23.06 |
| iv) | Support transport services, storage | 8.09 | 11.31 | 8.11 | 10.94 | 12.29 | 2.44 | 4.49 |
| v) | Post and telecommunication | 6.76 | 16.17 | -0.52 | 4.56 | 21.02 | -6.03 | 36.59 |
| **10** | **Financial Intermediations** | **5.16** | **0.93** | **1.96** | **5.55** | **4.62** | **6.25** | **5.65** |
| i) | Bank (Monetary Intermediation) | 6.21 | 1.16 | 2.21 | 6.72 | 3.34 | 6.55 | 3.37 |
| ii) | Insurance | -2.99 | -1.07 | -0.27 | -4.88 | 17.53 | 3.58 | 24.47 |
| iii) | Others (Financial Intermediation) | 0.00 | 20.00 | 0.00 | 0.00 | -16.67 | 20.00 | 516.67 |
| **11** | **Real Estate, Renting and Business Activities** | **3.11** | **3.14** | **3.20** | **3.21** | **3.28** | **3.26** | **3.24** |
| **12** | **Public Administration and Defense** | **3.66** | **1.72** | **7.60** | **8.08** | **8.91** | **21.59** | **12.30** |
| **13** | **Education** | **2.94** | **1.49** | **4.55** | **2.78** | **2.74** | **5.21** | **1.11** |
| **14** | **Health and Social Works** | **2.43** | **2.06** | **2.55** | **2.67** | **2.65** | **2.72** | **2.62** |
| **15** | **Community, Social and Personal Services** | **2.42** | **2.56** | **2.37** | **2.31** | **2.29** | **2.40** | **2.52** |
| | **GDP at producer price** | **3.74** | **2.69** | **4.05** | **5.41** | **3.05** | **4.33** | **3.64** |
| | Import duty | 6.12 | -9.11 | 2.71 | -4.18 | 11.05 | 1.01 | 7.66 |
| | **GDP at constant prices** | **3.80** | **2.38** | **4.02** | **5.18** | **3.22** | **4.25** | **3.73** |
| | **GDP at current market price (Tk bill)** | **3.80** | **2.38** | **4.02** | **5.18** | **3.22** | **4.25** | **3.73** |

***Source: Bangladesh Bureau of Statistics***

**Table 19: GDP Growth by Industrial Sector (1987/88-1993/94), 1995/96=100**

| | Industrial Origin Sector | 1987-88 | 1988-89 | 1989-90 | 1990-91 | 1991-92 | 1992-93 | 1993-94 |
|---|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **-0.87** | **-0.38** | **10.75** | **1.25** | **1.39** | **1.35** | **-0.65** |
| i) | Crops & horticulture | -2.19 | -1.14 | 13.64 | 0.84 | 1.11 | 0.97 | -1.66 |
| ii) | Animal farming | 2.18 | 2.22 | 2.25 | 2.29 | 2.34 | 2.38 | 2.42 |
| iii) | Forest and related services | 5.66 | 1.49 | 1.78 | 3.19 | 2.29 | 2.97 | 2.80 |
| **2** | **Fishing** | **1.08** | **0.40** | **2.06** | **7.89** | **8.24** | **8.49** | **7.91** |
| **3** | **Mining and Quarrying** | **10.55** | **8.96** | **7.08** | **1.63** | **6.61** | **8.91** | **5.15** |
| i) | Natural gas and crude petroleum | 16.50 | 13.09 | 9.74 | 1.69 | 9.79 | 12.25 | 4.83 |
| ii) | Other mining & quarrying | 4.57 | 4.33 | 3.83 | 1.55 | 2.53 | 4.30 | 5.62 |
| 4 | **Manufacturing** | **0.65** | **2.77** | **7.68** | **6.38** | **7.38** | **8.62** | **8.15** |
| i) | Large & medium scale | 0.69 | 2.07 | 8.25 | 6.02 | 7.34 | 9.00 | 8.25 |
| ii) | Small scale | 0.53 | 4.51 | 6.29 | 7.28 | 7.48 | 7.70 | 7.88 |
| **5** | **Electricity, Water Supply and Gas** | **16.19** | **9.18** | **10.94** | **7.43** | **6.35** | **7.01** | **6.54** |
| i) | Electricity | 18.61 | 10.19 | 11.89 | 4.50 | 5.68 | 7.12 | 6.11 |
| ii) | Gas | 3.46 | 2.16 | 2.94 | 35.48 | 8.66 | 3.24 | 7.42 |
| iii) | Water | 3.41 | 5.81 | 9.71 | 7.85 | 14.71 | 15.92 | 12.69 |
| **6** | **Construction** | **5.49** | **4.40** | **4.85** | **0.59** | **5.94** | **5.99** | **9.28** |
| **7** | **Wholesale and Retail Trade** | **3.96** | **5.50** | **3.54** | **4.73** | **5.51** | **3.08** | **5.55** |
| **8** | **Hotel and Restaurants** | **4.47** | **4.64** | **4.79** | **4.97** | **4.98** | **4.98** | **4.98** |
| **9** | **Transport, Storage and Communication** | **3.07** | **3.04** | **4.77** | **1.60** | **3.66** | **3.04** | **4.02** |
| i) | Land transport | 3.48 | 3.46 | 5.33 | 3.66 | 3.49 | 3.91 | 3.91 |
| ii) | Water transport | 0.91 | 1.65 | 0.07 | -2.91 | -1.42 | -2.99 | -1.83 |
| iii) | Air transport | 3.99 | 10.34 | 25.53 | -5.72 | 0.57 | 11.83 | 8.14 |
| iv) | Support transport services, storage | 17.40 | 0.90 | -1.37 | 3.45 | 8.87 | 9.18 | 1.20 |
| v) | Post and telecommunication | -2.21 | 2.95 | 22.02 | -6.66 | 34.03 | 8.66 | 28.86 |
| **10** | **Financial Intermediations** | **2.95** | **1.97** | **1.95** | **4.86** | **3.79** | **2.84** | **5.01** |
| i) | Bank (Monetary Intermediation) | 1.43 | 0.87 | 0.06 | 8.32 | 4.56 | 3.83 | 3.75 |
| ii) | Insurance | 7.48 | 7.31 | 13.13 | -16.19 | -3.53 | -6.60 | 14.70 |
| iii) | Others (Financial Intermediation) | 397.30 | 32.61 | 15.98 | 10.60 | 14.70 | 10.86 | 14.82 |
| **11** | **Real Estate, Renting and Business Activities** | **3.13** | **3.15** | **3.18** | **3.23** | **3.27** | **3.37** | **3.33** |
| **12** | **Public Administration and Defense** | **4.11** | **1.13** | **1.68** | **2.87** | **12.83** | **14.77** | **5.64** |
| **13** | **Education** | **1.18** | **1.68** | **0.42** | **5.52** | **6.15** | **7.50** | **6.61** |
| **14** | **Health and Social Works** | **2.36** | **3.22** | **4.03** | **2.16** | **4.52** | **5.32** | **4.63** |
| **15** | **Community, Social and Personal Services** | **2.48** | **2.61** | **2.53** | **2.69** | **2.71** | **2.72** | **2.74** |
| | **GDP at producer price** | **2.03** | **2.44** | **5.78** | **3.24** | **4.35** | **4.34** | **4.19** |
| | Import duty | 7.44 | 9.67 | 11.79 | 6.86 | 28.38 | 10.97 | 1.33 |
| | **GDP at constant prices** | **2.16** | **2.61** | **5.94** | **3.34** | **5.04** | **4.57** | **4.08** |
| | **GDP at current market price (Tk bill)** | **2.16** | **2.61** | **5.94** | **3.34** | **5.04** | **4.57** | **4.08** |

***Source: Bangladesh Bureau of Statistics***

**Table 20: GDP Growth by Industrial Sector (1994/95-99/00), 1995/96=100**

| | Industrial Origin Sector | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-000 |
|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **-1.93** | **2.03** | **5.57** | **1.64** | **3.24** | **6.92** |
| i) | Crops & horticulture | -3.42 | 1.74 | 6.44 | 1.07 | 3.11 | 8.10 |
| ii) | Animal farming | 2.47 | 2.51 | 2.58 | 2.64 | 2.69 | 2.74 |
| iii) | Forest and related services | 2.84 | 3.46 | 4.03 | 4.51 | 5.16 | 4.94 |
| **2** | **Fishing** | **6.79** | **7.39** | **7.60** | **8.98** | **9.96** | **8.87** |
| **3** | **Mining and Quarrying** | **9.65** | **7.81** | **3.56** | **5.76** | **1.32** | **9.48** |
| i) | Natural gas and crude petroleum | 9.88 | 7.41 | -0.99 | 4.80 | -2.46 | 14.55 |
| ii) | Other mining & quarrying | 9.33 | 8.40 | 10.23 | 7.02 | 6.18 | 3.47 |
| **4** | **Manufacturing** | **10.48** | **6.41** | **5.05** | **8.54** | **3.19** | **4.76** |
| i) | Large & medium scale | 11.44 | 5.67 | 3.97 | 9.28 | 4.19 | 4.35 |
| ii) | Small scale | 8.10 | 8.28 | 7.75 | 6.77 | 0.75 | 5.80 |
| **5** | **Electricity, Water Supply and Gas** | **5.29** | **5.43** | **1.93** | **2.01** | **6.00** | **6.78** |
| i) | Electricity | 5.17 | 5.52 | 1.98 | 1.30 | 6.75 | 6.87 |
| ii) | Gas | 7.43 | 6.24 | 1.39 | 5.30 | 0.63 | 5.60 |
| iii) | Water | 2.07 | 1.52 | 2.49 | 7.20 | 6.44 | 8.10 |
| **6** | **Construction** | **9.56** | **8.50** | **8.64** | **9.48** | **8.92** | **8.48** |
| **7** | **Wholesale and Retail Trade** | **7.96** | **4.63** | **5.48** | **5.98** | **6.51** | **7.30** |
| **8** | **Hotel and Restaurants** | **4.98** | **4.98** | **4.98** | **6.50** | **6.65** | **6.94** |
| **9** | **Transport, Storage and Communication** | **4.95** | **5.15** | **5.50** | **5.69** | **5.90** | **6.08** |
| i) | Land transport | 5.13 | 5.50 | 5.44 | 6.75 | 6.62 | 6.32 |
| ii) | Water transport | -2.12 | -1.46 | -0.84 | -0.92 | 1.60 | 1.78 |
| iii) | Air transport | -8.42 | 6.26 | -10.70 | 16.91 | 14.43 | 16.80 |
| iv) | Support transport services, storage | 21.02 | 9.98 | 0.72 | 3.36 | 4.25 | 13.14 |
| v) | Post and telecommunication | 19.29 | 14.70 | 25.57 | 7.42 | 5.96 | 5.57 |
| **10** | **Financial Intermediations** | **5.09** | **4.87** | **5.14** | **5.27** | **5.40** | **5.50** |
| i) | Bank (Monetary Intermediation) | 3.22 | 1.94 | 2.34 | 3.49 | 3.85 | 3.87 |
| ii) | Insurance | 18.35 | 18.35 | 13.28 | 14.95 | 13.05 | 13.10 |
| iii) | Others (Financial Intermediation) | 17.07 | 46.36 | 45.34 | 6.50 | 6.20 | 5.51 |
| **11** | **Real Estate, Renting and Business Activities** | **3.48** | **3.40** | **3.54** | **3.80** | **3.82** | **3.83** |
| **12** | **Public Administration and Defense** | **4.47** | **4.16** | **5.50** | **5.90** | **5.70** | **5.97** |
| **13** | **Education** | **4.49** | **2.57** | **4.77** | **8.10** | **7.70** | **7.74** |
| **14** | **Health and Social Works** | **2.89** | **2.70** | **3.90** | **4.59** | **4.60** | **4.80** |
| **15** | **Community, Social and Personal Services** | **2.75** | **2.78** | **2.79** | **2.85** | **2.95** | **3.06** |
| | **GDP at producer price** | **4.61** | **4.47** | **5.21** | **5.34** | **4.99** | **6.14** |
| | Import duty | 13.27 | 8.35 | 9.63 | 2.57 | 1.97 | 1.31 |
| | **GDP at constant prices** | **4.93** | **4.62** | **5.39** | **5.23** | **4.87** | **5.94** |
| | **GDP at current market price (Tk bill)** | **4.93** | **4.62** | **5.39** | **5.23** | **4.87** | **5.94** |

***Source: Bangladesh Bureau of Statistics***

**Table 21: GDP Growth by Industrial Sector (2000/01-2005/06), 1995/96=100**

| | Industrial Origin Sector | 2000-01 | 2001-02 | 2002-03 | 2004-05 | 2004-05 | 2005-06 |
|---|---|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **5.53** | **-0.62** | **3.29** | **4.38** | **1.80** | **5.23** |
| i) | Crops & horticulture | 6.18 | -2.39 | 2.88 | 4.27 | 0.15 | 5.03 |
| ii) | Animal farming | 2.81 | 4.70 | 4.51 | 4.98 | 7.23 | 6.15 |
| iii) | Forest and related services | 4.85 | 4.91 | 4.43 | 4.18 | 5.09 | 5.18 |
| **2** | **Fishing** | **-4.53** | **2.22** | **2.33** | **3.09** | **3.65** | **3.92** |
| **3** | **Mining and Quarrying** | **9.75** | **4.53** | **7.17** | **7.66** | **8.38** | **9.26** |
| i) | Natural gas and crude petroleum | 13.99 | 4.93 | 8.91 | 8.98 | 9.02 | 9.52 |
| ii) | Other mining & quarrying | 4.19 | 3.96 | 4.66 | 5.68 | 7.40 | 8.84 |
| 4 | **Manufacturing** | **6.68** | **5.48** | **6.75** | **7.10** | **8.19** | **10.77** |
| i) | Large & medium scale | 6.55 | 4.60 | 6.56 | 6.95 | 8.30 | 11.41 |
| ii) | Small scale | 7.02 | 7.69 | 7.21 | 7.45 | 7.93 | 9.21 |
| 5 | **Electricity, Water Supply and Gas** | **7.40** | **7.63** | **8.02** | **9.09** | **8.90** | **7.67** |
| i) | Electricity | 7.60 | 7.78 | 7.29 | 9.19 | 8.58 | 7.45 |
| ii) | Gas | 6.05 | 6.54 | 8.77 | 8.81 | 8.87 | 9.37 |
| iii) | Water | 7.02 | 7.52 | 20.01 | 8.00 | 14.44 | 7.53 |
| **6** | **Construction** | **8.65** | **8.61** | **8.09** | **8.25** | **8.31** | **8.31** |
| **7** | **Wholesale and Retail Trade** | **6.43** | **6.59** | **6.09** | **6.57** | **7.06** | **6.75** |
| **8** | **Hotel and Restaurants** | **7.00** | **6.92** | **7.00** | **7.05** | **7.12** | **7.45** |
| **9** | **Transport, Storage and Communication** | **7.92** | **6.56** | **6.85** | **6.21** | **7.92** | **7.98** |
| i) | Land transport | 6.37 | 6.73 | 6.64 | 6.02 | 4.25 | 4.14 |
| ii) | Water transport | 0.57 | 0.34 | 0.07 | 0.16 | 1.96 | 1.95 |
| iii) | Air transport | 4.62 | -16.82 | -1.35 | 0.84 | 2.49 | 5.24 |
| iv) | Support transport services, storage | 18.10 | -4.62 | -1.16 | -1.35 | 2.92 | 6.12 |
| v) | Post and telecommunication | 26.92 | 20.95 | 17.89 | 14.56 | 31.79 | 26.70 |
| **10** | **Financial Intermediations** | **5.54** | **6.70** | **6.67** | **7.02** | **8.92** | **8.50** |
| i) | Bank (Monetary Intermediation) | 4.01 | 5.52 | 5.91 | 6.73 | 9.11 | 8.19 |
| ii) | Insurance | 13.45 | 12.35 | 10.29 | 8.06 | 8.34 | 9.16 |
| iii) | Others (Financial Intermediation) | 0.00 | 2.06 | 2.31 | 6.91 | 8.51 | 10.94 |
| **11** | **Real Estate, Renting and Business Activities** | **3.41** | **3.42** | **3.52** | **3.58** | **3.65** | **3.69** |
| **12** | **Public Administration and Defense** | **5.88** | **5.92** | **5.24** | **7.06** | **8.02** | **8.15** |
| **13** | **Education** | **7.11** | **7.58** | **7.60** | **7.69** | **7.90** | **9.05** |
| **14** | **Health and Social Works** | **4.92** | **5.30** | **5.63** | **6.17** | **7.40** | **7.79** |
| **15** | **Community, Social and Personal Services** | **3.15** | **3.24** | **3.32** | **3.97** | **4.05** | **4.09** |
| | **GDP at producer price** | **5.41** | **4.36** | **5.33** | **5.82** | **5.93** | **7.02** |
| | Import duty | 1.84 | 5.84 | 3.31 | 18.17 | 6.46 | -2.62 |
| | **GDP at constant prices** | **5.27** | **4.42** | **5.26** | **6.27** | **5.96** | **6.63** |
| | **GDP at current market price (Tk bill)** | **5.27** | **4.42** | **5.26** | **6.27** | **5.96** | **6.63** |

***Source: Bangladesh Bureau of Statistics***

**Table 22: GDP Growth by Industrial Sector (2006/07-09/10), 1995/96=100**

| | Industrial Origin Sector | 2006-07 | 2007-08 | 2008-09 | 2009-10 |
|---|---|---|---|---|---|
| **1** | **Agriculture and Forestry** | **4.69** | **2.93** | **4.10** | **5.56** |
| i) | Crops & horticulture | 4.43 | 2.67 | 4.02 | 6.13 |
| ii) | Animal farming | 5.49 | 2.44 | 3.48 | 3.38 |
| iii) | Forest and related services | 5.24 | 5.47 | 5.69 | 5.23 |
| **2** | **Fishing** | **4.07** | **4.18** | **4.16** | **4.15** |
| **3** | **Mining and Quarrying** | **8.33** | **8.94** | **9.84** | **8.80** |
| i) | Natural gas and crude petroleum | 8.03 | 8.26 | 9.15 | 8.12 |
| ii) | Other mining & quarrying | 8.80 | 10.01 | 10.90 | 9.84 |
| **4** | **Manufacturing** | **9.72** | **7.21** | **6.68** | **6.50** |
| i) | Large & medium scale | 9.74 | 7.26 | 6.58 | 5.98 |
| ii) | Small scale | 9.69 | 7.10 | 6.90 | 7.77 |
| **5** | **Electricity, Water Supply and Gas** | **2.10** | **6.77** | **5.91** | **7.28** |
| i) | Electricity | 1.08 | 6.68 | 5.39 | 7.21 |
| ii) | Gas | 7.37 | 7.72 | 8.42 | 7.51 |
| iii) | Water | 7.09 | 6.02 | 8.39 | 7.77 |
| **6** | **Construction** | **7.01** | **5.68** | **5.70** | **6.01** |
| **7** | **Wholesale and Retail Trade** | **8.04** | **6.82** | **6.21** | **5.87** |
| **8** | **Hotel and Restaurants** | **7.52** | **7.55** | **7.58** | **7.61** |
| **9** | **Transport, Storage and Communication** | **8.04** | **8.55** | **8.01** | **7.69** |
| i) | Land transport | 4.18 | 4.54 | 5.17 | 5.98 |
| ii) | Water transport | 1.73 | 2.55 | 2.46 | 1.01 |
| iii) | Air transport | 2.03 | 6.21 | 7.38 | 9.13 |
| iv) | Support transport services, storage | 8.94 | 8.45 | 9.64 | 8.15 |
| v) | Post and telecommunication | 23.30 | 21.64 | 16.11 | 12.95 |
| **10** | **Financial Intermediations** | **9.18** | **8.89** | **8.99** | **11.64** |
| i) | Bank (Monetary Intermediation) | 9.34 | 8.38 | 9.05 | 10.47 |
| ii) | Insurance | 8.21 | 10.03 | 8.83 | 14.88 |
| iii) | Others (Financial Intermediation) | 11.62 | 12.47 | 11.13 | 16.10 |
| **11** | **Real Estate, Renting and Business Activities** | **3.76** | **3.75** | **3.81** | **3.89** |
| **12** | **Public Administration and Defense** | **8.41** | **6.21** | **7.01** | **8.35** |
| **13** | **Education** | **8.96** | **7.80** | **8.05** | **9.24** |
| **14** | **Health and Social Works** | **7.64** | **7.02** | **7.20** | **8.10** |
| **15** | **Community, Social and Personal Services** | **4.58** | **4.62** | **4.70** | **4.72** |
| | **GDP at producer price** | **6.83** | **5.87** | **5.82** | **6.01** |
| | Import duty | -3.96 | 15.27 | 7.60 | -2.50 |
| | **GDP at constant prices** | **6.43** | **6.19** | **5.74** | **6.07** |
| | **GDP at current market price (Tk bill)** | **6.43** | **6.19** | **5.74** | **6.07** |

***Source: Bangladesh Bureau of Statistics***

**Table 23: GDP by Expenditure Categories at current market price (FY 1990-FY 95)**

| (In Million TK) | FY 90 | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 |
|---|---|---|---|---|---|---|
| **A. Domestic Demand** | **1045328** | **1131853** | **1236555** | **1321497** | **1425874** | **1613582** |
| **1.**Consumption | 874226 | 945122 | 1029686 | 1096499 | 1176681 | 1321971 |
| Private | 832089 | 899408 | 976475 | 1034393 | 1110557 | 1251357 |
| General Government | 42137 | 45714 | 53211 | 62106 | 66124 | 70614 |
| **2**.Investment | 171102 | 186731 | 206869 | 224998 | 249193 | 291611 |
| Private | 98426 | 113448 | 123502 | 143787 | 159209 | 188828 |
| Public | 72676 | 73283 | 83367 | 81211 | 89984 | 102783 |
| **B. Resource Balance (3-4)** | **-74329** | **-61499** | **-56910** | **-63776** | **-65848** | **-98835** |
| **3**.Exports | 61422 | 73634 | 90693 | 113049 | 121892 | 165705 |
| **4**.Imports | 135751 | 135133 | 147603 | 176825 | 187740 | 264540 |
| **C. Gross Domestic Expenditure at c.m.p** | **970999** | **1070354** | **1179645** | **1257721** | **1360026** | **1514747** |
| **5**. Gross Domestic products at c.m.p | 1003288 | 1105181 | 1195424 | 1253695 | 1354123 | 1525178 |
| **6.** Statistical Discrepancy | 32289 | 35827 | 15779 | -4026 | -5903 | 10431 |
| **7.**Net factor income from abroad | 20915 | 23600 | 29020 | 34122 | 42338 | 46512 |
| **8.**Gross National Income | 1024203 | 1128781 | 1224444 | 1287817 | 1396461 | 1571690 |
| **9**.Net current transfer from abroad | 26616 | 32576 | 35997 | 36826 | 34703 | 44942 |
| **10**.Gross Disposable National Income | 1050819 | 1161357 | 1260441 | 1324643 | 1431164 | 1616632 |
| **11.** Gross Domestic Savings | 129062 | 160059 | 165738 | 157196 | 177442 | 203207 |
| **12.** Gross National Savings | 176593 | 216235 | 230755 | 228144 | 254483 | 294661 |
| **13.** Current Account Balance | -26798 | -6323 | 8107 | 7172 | 11193 | -7381 |

***Source: Bangladesh Bureau of Statistics***

**Table 24: GDP by Expenditure Categories at current market price (FY 1996-FY 00)**

| (in Million TK) | FY 96 | FY 97 | FY 98 | FY 99 | FY 00 |
|---|---|---|---|---|---|
| **A. Domestic Demand** | **1747937** | **597405** | **2086264** | **2295531** | **2492779** |
| **1.**Consumption | 1415402 | 222940 | 1653234 | 1807956 | 1946914 |
| Private | 1342157 | 144076 | 1558563 | 1707131 | 1838528 |
| General Government | 73245 | 78864 | 94671 | 100825 | 108386 |
| **2**.Investment | 332535 | 374465 | 433030 | 487575 | 545865 |
| Private | 225803 | 247510 | 305569 | 339949 | 370149 |
| Public | 106732 | 126955 | 127461 | 147626 | 175716 |
| **B. Resource Balance (3-4)** | **-126554** | **-108868** | **-99064** | **-120066** | **-124406** |
| **3**.Exports | 184359 | 216723 | 266809 | 289861 | 331446 |
| **4**.Imports | 310913 | 325591 | 365873 | 409927 | 455852 |
| **C. Gross Domestic Expenditure at c.m.p** | **1621383** | **488537** | **1987200** | **2175465** | **2368373** |
| **5**. Gross Domestic products at c.m.p | 1663240 | 1807013 | 2001766 | 2196972 | 2370856 |
| **6.** Statistical Discrepancy | 41857 | 21786 | 14566 | 21508 | 2482 |
| **7.**Net factor income from abroad | 495436 | 58458 | 64972 | 75526 | 87135 |
| **8.**Gross National Income | 2158676 | 1865471 | 2066738 | 2272498 | 2457991 |
| **9**.Net current transfer from abroad | 38186 | 44049 | 22363 | 25600 | 36532 |
| **10**.Gross Disposable National Income | 2196862 | 1909520 | 2089101 | 2298098 | 2494523 |
| **11.** Gross Domestic Savings | 247838 | 1584073 | 348532 | 389016 | 423942 |
| **12.** Gross National Savings | 781460 | 1686580 | 435867 | 490142 | 547609 |
| **13.** Current Account Balance | 407068 | 1290329 | -11729 | -18941 | -738 |

**Table 25: GDP by Expenditure Categories at current market price (FY 01-FY 05)**

| (in Million TK) | FY 01 | FY 02 | FY 03 | FY 04 | FY 05 |
|---|---|---|---|---|---|
| **A. Domestic Demand** | **2664543** | **2868349** | **3149214** | **3479179** | **3874361** |
| **1**.Consumption | 2079180 | 2235957 | 2445697 | 2679274 | 2965120 |
| Private | 1964929 | 2099316 | 2284988 | 2495207 | 2759817 |
| General Government | 114251 | 136641 | 160709 | 184067 | 205303 |
| **2.**Investment | 585363 | 632392 | 703517 | 799905 | 909241 |
| Private | 401546 | 458383 | 517169 | 593673 | 679182 |
| Public | 183817 | 174009 | 186348 | 206232 | 230059 |
| **B. Resource Balance (3-4)** | **-155134** | **-130346** | **-174982** | **-178093** | **-239642** |
| 3.Exports | 390000 | 390021 | 427239 | 514938 | 614681 |
| 4.Imports | 545134 | 520367 | 602221 | 693031 | 854323 |
| **C. Gross Domestic Expenditure at c.m.p** | **2509409** | **2738003** | **2974232** | **3301086** | **3634719** |
| **5**. Gross Domestic products at c.m.p | 2535464 | 2732010 | 3005801 | 3329731 | 3707070 |
| **6.** Statistical Discrepancy | 26055 | -5993 | 31569 | 28645 | 72351 |
| **7**.Net factor income from abroad | 88413 | 125425 | 165831 | 175529 | 1899280 |
| **8.**Gross National Income | 2623877 | 2857435 | 3171632 | 3505260 | 5606350 |
| **9**.Net current transfer from abroad | 23392 | 18902 | 21583 | 21207 | 26808 |
| **10**.Gross Disposable National Income | 2647269 | 2876337 | 3193215 | 3526467 | 5633158 |
| **11**. Gross Domestic Savings | 456284 | 496053 | 560104 | 650457 | 741950 |
| **12.** Gross National Savings | 568089 | 640380 | 747518 | 847193 | 2668038 |
| **13.** Current Account Balance | -43329 | 13981 | 12432 | 18643 | 1686446 |

***Source: Bangladesh Bureau of Statistics***

**Table 26: GDP by Expenditure Categories at current market price (FY 2006-FY 2010)**

| (in Million TK) | FY 06 | FY 07 | FY 08 | FY 09 | FY 10 |
|---|---|---|---|---|---|
| **A. Domestic Demand** | **4340318** | **4919075** | **5671036** | **6411787** | **7337054** |
| **1**.Consumption | 3315523 | 3763172 | 4349714 | 4923379 | 5608791 |
| Private | 3085199 | 3502116 | 4061404 | 4604413 | 5234195 |
| General Government | 230324 | 261056 | 288310 | 318966 | 374596 |
| **2**.Investment | 1024795 | 1155903 | 1321322 | 1488408 | 1728264 |
| Private | 775464 | 898618 | 1050900 | 1203518 | 1398165 |
| Public | 249331 | 257285 | 270422 | 284890 | 330098 |
| **B. Resource Balance** | **-260703** | **-327225** | **-459139** | **-587527** | **-442659** |
| 3.Exports | 788788 | 934403 | 1110181 | 1287810 | 1283145 |
| 4.Imports | 1049491 | 1261628 | 1569320 | 1875337 | 1725804 |
| **C. Gross Domestic Expenditure at c.m.p** | **4079615** | **4591850** | **5211897** | **5824260** | **6894395** |
| **5**. Gross Domestic products at c.m.p | 4157279 | 4724769 | 5458224 | 6155479 | 6923795 |
| **6.** Statistical Discrepancy | 77664 | 132919 | 246327 | 331219 | 29400 |
| **7.**Net factor income from abroad | 272075 | 352755 | 483895 | 682873 | 647727 |
| **8.**Gross National Income | 4429354 | 5077524 | 5942119 | 6838352 | 7571522 |
| **9.**Net current transfer from abroad | 36529 | 39885 | 56713 | 77073 | 27922 |
| **10**.Gross Disposable National Income | 4465883 | 5117409 | 5998832 | 6915425 | 7599445 |
| **11**. Gross Domestic Savings | 841756 | 961597 | 1108510 | 1232100 | 1315004 |
| **12**. Gross National Savings | 1150360 | 1354237 | 1649118 | 1992046 | 1990654 |
| **13**. Current Account Balance | 47901 | 65415 | 81469 | 172419 | 232991 |

***Source: Bangladesh Bureau of Statistics***

## 2. Revenue

**Table 27: Fiscal Components as % of GDP (FY73-FY87)**

| Fiscal Year | FY73 | FY74 | FY75 | FY76 | FY77 | FY78 | FY79 | FY80 | FY81 | FY82 | FY83 | FY84 | FY85 | FY86 | FY87 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(As Percentage of GDP)** | | | | | | | | | | | | | | |
| **Total Revenue** | **3.43** | **3.86** | **4.06** | **7.69** | **7.96** | **7.94** | **8.15** | **6.04** | **7.13** | **6.48** | **6.05** | **5.70** | **6.36** | **6.45** | **6.44** |
| Tax Revenue | 3.41 | 3.81 | 3.46 | 6.47 | 6.64 | 6.88 | 6.99 | 5.20 | 5.69 | 5.47 | 5.23 | 4.84 | 5.28 | 5.22 | 5.31 |
| Non-Tax Revenue | 0.03 | 0.04 | 0.60 | 1.22 | 1.32 | 1.07 | 1.16 | 0.84 | 1.44 | 1.01 | 0.82 | 0.85 | 1.08 | 1.23 | 1.13 |
| **Total Expenditure** | **11.5** | **10.1** | **9.1** | **16.2** | **16.6** | **16.2** | **15.0** | **11.9** | **11.9** | **11.9** | **14.2** | **12.4** | **11.7** | **12.2** | **12.8** |
| Revenue expenditure | 5.8 | 4.8 | 5.2 | 8.8 | 8.1 | 7.5 | 6.5 | 4.5 | 4.6 | 5.1 | 5.3 | 5.1 | 5.2 | 5.4 | 5.4 |
| ADP expenditure | 5.6 | 5.3 | 3.9 | 7.3 | 8.5 | 8.7 | 8.5 | 7.4 | 7.3 | 6.6 | 6.6 | 6.1 | 5.6 | 5.7 | 6.1 |
| **overall balance(excluding grant)** | **15.7** | **8.5** | **7.7** | **11.7** | **12.1** | **12.3** | **11.2** | **9.4** | **7.8** | **9.0** | **11.5** | **10.4** | **8.6** | **8.4** | **9.1** |
| **overall balance(including grant)** | **8.0** | **6.2** | **5.1** | **8.5** | **8.7** | **8.2** | **6.8** | **5.9** | **4.8** | **5.4** | **8.1** | **6.7** | **5.4** | **5.8** | **6.3** |
| **Financing** | **15.7** | **8.5** | **7.7** | **11.7** | **12.1** | **12.3** | **11.2** | **9.4** | **7.8** | **9.0** | **11.5** | **10.4** | **8.6** | **8.4** | **9.1** |
| **External** | **8.6** | **4.8** | **6.0** | **10.4** | **6.8** | **8.3** | **8.6** | **6.4** | **5.6** | **6.6** | **6.4** | **6.1** | **5.4** | **5.6** | **6.1** |
| Grants | 7.7 | 2.3 | 2.7 | 3.2 | 3.4 | 4.1 | 4.4 | 3.6 | 3.0 | 3.6 | 3.4 | 3.7 | 3.2 | 2.6 | 2.8 |
| Loan | 1.0 | 2.6 | 3.8 | 7.7 | 3.7 | 4.6 | 4.6 | 3.2 | 2.8 | 3.3 | 3.4 | 2.7 | 2.6 | 3.6 | 3.9 |
| Amortization | 0.1 | 0.1 | 0.4 | 0.5 | 0.3 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.5 | 0.4 | 0.5 | 0.5 | 0.6 |
| **Domestic** | **7.1** | **3.8** | **1.7** | **1.2** | **5.3** | **4.0** | **2.7** | **3.1** | **2.2** | **2.4** | **5.2** | **4.3** | **3.2** | **2.7** | **3.1** |
| Bank | 0.3 | 0.9 | -0.7 | -1.0 | 1.2 | 0.1 | 0.9 | 1.6 | 1.6 | 1.3 | 2.8 | 2.5 | 1.7 | 1.7 | 1.7 |
| Non- bank | 0.2 | 0.6 | -0.2 | -1.0 | 0.7 | 0.2 | 1.7 | 1.4 | 0.7 | 1.1 | 2.4 | 1.8 | 1.5 | 1.3 | 1.4 |
| **Memorandum Item:** | | | | | | | | | | | | | | | |
| Nominal GDP (billion tk) | 50 | 76 | 124 | 110 | 116 | 145 | 174 | 281 | 322 | 362 | 408 | 490 | 562 | 633 | 728 |

***Source: Ministry of Finance***

**Table 28: Table: Fiscal Components as % of GDP (FY88-FY03)**

| | FY88 | FY89 | FY90 | FY91 | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 | FY99 | FY00 | FY01 | FY02 | FY03 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (As Percentage of GDP) | | | | | | | | | | | | | | | |
| **Total Revenue** | **6.50** | **6.48** | **6.69** | **7.26** | **8.33** | **9.17** | **9.33** | **9.38** | **9.25** | **9.17** | **9.20** | **8.81** | **8.47** | **9.60** | **10.23** | **10.31** |
| Tax Revenue | 5.53 | 5.44 | 5.70 | 5.96 | 6.61 | 7.30 | 7.18 | 7.44 | 7.32 | 7.44 | 7.39 | 7.17 | 6.79 | 7.80 | 7.83 | 8.26 |
| Non-Tax Revenue | 0.97 | 1.04 | 0.99 | 1.30 | 1.72 | 1.87 | 2.15 | 1.93 | 1.93 | 1.73 | 1.81 | 1.64 | 1.69 | 1.80 | 2.40 | 2.05 |
| **Total Expenditure** | 12.4 | 13.2 | 13.4 | 13.3 | 13.0 | 13.0 | 15.0 | 14.4 | 13.9 | 13.3 | 12.9 | 13.6 | 14.5 | 14.8 | 14.9 | 14.5 |
| Revenue expenditure | 5.9 | 6.9 | 6.7 | 6.6 | 6.6 | 6.8 | 6.8 | 6.8 | 7.1 | 6.9 | 7.2 | 7.6 | 7.8 | 8.1 | 8.3 | 8.4 |
| ADP expenditure | 5.2 | 5.2 | 5.7 | 4.8 | 5.0 | 5.2 | 6.6 | 6.8 | 6.0 | 6.1 | 5.5 | 5.7 | 6.5 | 6.4 | 5.2 | 5.1 |
| **overall balance(excluding grant)** | **9.1** | **9.2** | **9.2** | **8.7** | **7.3** | **6.3** | **7.8** | **-4.6** | **-4.7** | **-3.7** | **-3.4** | **-4.6** | **-6.1** | **-5.2** | **-4.7** | **-4.2** |
| **overall balance(including grant)** | **5.8** | **6.8** | **6.7** | **6.0** | **4.7** | **3.8** | **5.7** | **-2.2** | **-3.0** | **-2.0** | **-2.1** | **-3.2** | **-4.5** | **-4.1** | **-3.7** | **-3.4** |
| **Financing** | **8.9** | **9.3** | **8.4** | **8.2** | **7.9** | **7.2** | **7.8** | **4.9** | **4.8** | **4.2** | **3.7** | **4.7** | **5.3** | **4.8** | **4.8** | **3.5** |
| **External** | **5.8** | **5.4** | **5.3** | **5.0** | **4.5** | **4.5** | **3.8** | **3.8** | **2.8** | **2.8** | **2.1** | **2.5** | **2.4** | **2.0** | **2.1** | **2.2** |
| Grants | 3.2 | 2.4 | 2.5 | 2.7 | 2.6 | 2.6 | 2.1 | 2.3 | 1.7 | 1.7 | 1.1 | 1.5 | 1.5 | 1.1 | 1.0 | 1.0 |
| Loan | 3.2 | 3.6 | 3.4 | 2.9 | 2.5 | 2.7 | 2.5 | 2.2 | 1.9 | 1.8 | 1.7 | 1.9 | 1.8 | 1.8 | 2.0 | 2.1 |
| Amortization | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 |
| **Domestic** | **3.2** | **3.9** | **3.1** | **3.3** | **3.4** | **2.7** | **4.0** | ***1.2*** | ***2.0*** | ***1.5*** | ***1.6*** | ***2.2*** | ***2.9*** | ***2.8*** | ***2.7*** | ***1.3*** |
| Bank | 1.4 | 1.8 | 1.8 | 2.2 | 1.9 | 0.9 | 1.6 | 0.5 | 1.1 | 0.9 | 0.6 | 0.9 | 1.5 | 1.1 | 0.9 | -0.3 |
| Non- bank | 1.7 | 2.0 | 1.2 | 1.1 | 1.5 | 1.9 | 2.4 | 0.7 | 1.0 | 0.5 | 1.0 | 1.3 | 1.4 | 1.7 | 1.7 | 1.6 |
| **Memorandum Item:** | | | | | | | | | | | | | | | | |
| **Nominal GDP (billion taka)** | **799** | **890** | **1003** | **1105** | ***1195*** | ***1254*** | ***1354*** | ***1525*** | ***1663*** | ***180 7*** | ***2001*** | ***2197*** | ***2370*** | ***2535*** | ***2732*** | ***3005*** |

***Source: Ministry of Finance***

**Table 29: Fiscal Components as % of GDP (FY04-FY10)**

| | FY-04 | FY05 | FY06 | FY07 | FY08 | FY09 | FY10 |
|---|---|---|---|---|---|---|---|
| | (As Percentage of GDP) | | | | | | |
| **Total Revenue** | **10.32** | **10.42** | **10.57** | **10.41** | **11.41** | **10.41** | **10.91** |
| Tax Revenue | 8.19 | 8.47 | 8.48 | 8.25 | 9.11 | 8.67 | 9.00 |
| Non-Tax Revenue | 2.13 | 1.96 | 2.09 | 2.16 | 2.30 | 1.8 | 1.9 |
| **Total Expenditure** | 14.8 | 15.0 | 14.7 | 14.1 | 17.2 | 14.3 | 14.6 |
| Revenue expenditure | 8.6 | 9.4 | 9.2 | 9.6 | 10.6 | 11.2 | 11.0 |
| ADP expenditure | 5.1 | 5.1 | 4.6 | 3.8 | 3.1 | 3.2 | 3.7 |
| **overall balance(excluding grant)** | **-4.2** | **-4.4** | **-3.9** | **3.7** | **5.7** | **-3.9** | **-3.7** |
| **overall balance(including grant)** | **-3.4** | **-3.7** | **-3.3** | **4.6** | **6.6** | **-4.2** | **-4.3** |
| **Financing** | **3.3** | **3.5** | **3.8** | **3.5** | **4.4** | **3.9** | **3.7** |
| **External** | **1.1** | **1.8** | **1.6** | **1.6** | **1.9** | **0.8** | **1.4** |
| Grants | 0.6 | 0.4 | 0.8 | 0.8 | 0.8 | 0.3 | 0.6 |
| Loan | 1.2 | 2.1 | 1.7 | 1.5 | 1.8 | 1.6 | |
| Amortization | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 |
| **Domestic** | ***2.2*** | ***1.8*** | ***2.2*** | ***1.9*** | ***2.6*** | ***3.1*** | ***2.3*** |
| Bank | 0.8 | 1.0 | 1.5 | 0.9 | 2.0 | 2.2 | -0.3 |
| Non- bank | 1.4 | 0.8 | 0.7 | 1.0 | 0.6 | 0.9 | 2.6 |
| Memorandum item | | | | | | | |
| ***Nominal GDP* (billion taka)** | ***3329.7*** | ***3707.1*** | ***4157.3*** | ***4724.8*** | ***5458.2*** | ***6148.4*** | **6943.2** |

***Source: Economic Review, Ministry of Finance, Bangladesh***

**Table 30: Revenue Components as % of GDP (FY73-FY90)**

| Fiscal Year | FY73 | FY74 | FY75 | FY76 | FY77 | FY78 | FY79 | FY80 | FY81 | FY82 | FY83 | FY84 | FY85 | FY86 | FY87 | FY88 | FY89 | FY90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(In billions of taka)** | | | | | | | | | | | | | | | | | |
| **Total Revenue** | 1.7 | 2.9 | 5.1 | 8.5 | 9.2 | 11.5 | 14.2 | 17.0 | 23.0 | 23.5 | 24.7 | 27.90 | 35.76 | 40.83 | 46.85 | 52.03 | 57.72 | 67.12 |
| **Tax Revenue** | 1.7 | 2.9 | 4.3 | 7.1 | 7.7 | 10.0 | 12.2 | 14.6 | 18.3 | 19.8 | 21.3 | 23.72 | 29.67 | 33.03 | 38.66 | 44.24 | 48.45 | 57.15 |
| **NBR tax** | 1.7 | 2.8 | 4.1 | 6.7 | 7.3 | 9.4 | 11.5 | 13.8 | 17.2 | 18.5 | 20.0 | 22.31 | 27.24 | 30.54 | 35.76 | 40.69 | 44.91 | 52.92 |
| Custom duty | 0.7 | 1.3 | 1.5 | 2.8 | 2.8 | 4.0 | 5.0 | 6.3 | 7.5 | 7.8 | 8.7 | 9.34 | 11.83 | 13.39 | 15.42 | 16.54 | 18.45 | 21.37 |
| VAT Import | | | | | | | | | | | | | | | | | | |
| Supp. Import | | | | | | | | | | | | | | | | | | |
| Sales tax | 0.2 | 0.4 | 0.6 | 1.2 | 1.3 | 1.7 | 2.4 | 2.8 | 3.5 | 3.3 | 3.0 | 3.50 | 4.46 | 4.60 | 5.39 | 5.43 | 5.04 | 6.32 |
| **Import- based** | **0.9** | **1.7** | **2.1** | **4.0** | **4.0** | **5.7** | **7.4** | **9.1** | **11.0** | **11.1** | **11.7** | **12.84** | **16.29** | **18.00** | **20.80** | **21.97** | **23.49** | **27.69** |
| Income tax | 0.1 | 0.2 | 0.5 | 0.9 | 1.2 | 1.3 | 1.5 | 1.8 | 2.3 | 2.8 | 3.3 | 3.39 | 3.86 | 4.62 | 5.53 | 6.64 | 7.06 | 7.82 |
| VAT Domestic | | | | | | | | | | | | | | | | | | |
| Supp. Domestic | | | | | | | | | | | | | | | | | | |
| Others tax | 0.7 | 0.9 | 1.5 | 1.7 | 2.1 | 2.4 | 2.6 | 2.9 | 4.0 | 4.7 | 5.1 | 6.08 | 7.10 | 7.92 | 9.43 | 12.08 | 14.36 | 17.40 |
| **Domestic-based** | **0.8** | **1.1** | **2.0** | **2.7** | **3.2** | **3.7** | **4.1** | **4.7** | **6.2** | **7.5** | **8.3** | **9.47** | **10.96** | **12.54** | **14.96** | **18.72** | **21.42** | **25.23** |
| Non-NBR tax | 0.1 | 0.1 | 0.2 | 0.4 | 0.4 | 0.6 | 0.7 | 0.8 | 1.1 | 1.3 | 1.4 | 1.41 | 2.43 | 2.49 | 2.90 | 3.55 | 3.55 | 4.23 |
| Non-Tax Revenue | 0.1 | 0.1 | 0.8 | 1.4 | 1.5 | 1.6 | 2.0 | 2.4 | 4.6 | 3.7 | 3.4 | 4.17 | 6.09 | 7.80 | 8.19 | 7.79 | 9.26 | 9.97 |
| ***( In percent of GDP)*** | | | | | | | | | | | | | | | | | | |
| **Total Revenue** | **3.4** | **3.9** | **4.1** | **7.7** | **8.0** | **7.9** | **8.2** | **6.0** | **7.1** | **6.5** | **6.1** | **5.70** | **6.36** | **6.45** | **6.44** | **6.50** | **6.48** | **6.69** |
| **Tax Revenue** | 3.4 | 3.8 | 3.5 | 6.5 | 6.6 | 6.9 | 7.0 | 5.2 | 5.7 | 5.5 | 5.2 | 4.84 | 5.28 | 5.22 | 5.31 | 5.53 | 5.44 | 5.70 |
| **NBR Tax Revenue** | 3.3 | 3.7 | 3.3 | 6.1 | 6.3 | 6.5 | 6.6 | 4.9 | 5.4 | 5.1 | 4.9 | 4.56 | 4.85 | 4.83 | 4.91 | 5.09 | 5.04 | 5.27 |
| **Import-based tax** | **1.8** | **2.2** | **1.7** | **3.6** | **3.5** | **3.9** | **4.3** | **3.2** | **3.4** | **3.1** | **2.9** | **2.62** | **2.90** | **2.84** | **2.86** | **2.75** | **2.64** | **2.76** |
| Custom duty | 1.4 | 1.7 | 1.2 | 2.6 | 2.4 | 2.7 | 2.9 | 2.2 | 2.3 | 2.2 | 2.1 | 1.91 | 2.11 | 2.12 | 2.12 | 2.07 | 2.07 | 2.13 |
| VAT Import | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Supp. Import | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sales tax | 0.4 | 0.6 | 0.5 | 1.1 | 1.1 | 1.2 | 1.4 | 1.1 | 1.1 | 0.9 | 0.7 | 0.72 | 0.79 | 0.73 | 0.74 | 0.68 | 0.57 | 0.63 |
| **Domestic-based tax** | **1.5** | **1.5** | **1.6** | **2.5** | **2.8** | **2.5** | **2.3** | **1.7** | **1.9** | **2.1** | **2.0** | **1.93** | **1.95** | **1.98** | **2.06** | **2.34** | **2.41** | **2.51** |
| Income tax | 0.2 | 0.3 | 0.4 | 0.8 | 1.0 | 0.9 | 0.9 | 0.7 | 0.7 | 0.8 | 0.8 | 0.69 | 0.69 | 0.73 | 0.76 | 0.83 | 0.79 | 0.78 |
| VAT Domestic | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Supp. Domestic | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others tax | 1.3 | 1.2 | 1.2 | 1.7 | 1.8 | 1.6 | 1.5 | 1.0 | 1.2 | 1.3 | 1.2 | 1.24 | 1.26 | 1.25 | 1.30 | 1.51 | 1.61 | 1.73 |
| **Non-NBR tax** | **0.1** | **0.1** | **0.2** | **0.4** | **0.4** | **0.4** | **0.4** | **0.3** | **0.3** | **0.4** | **0.3** | **0.29** | **0.43** | **0.39** | **0.40** | **0.44** | **0.40** | **0.42** |
| **Non-Tax Revenue** | **0.03** | **0.04** | **0.6** | **1.1** | **1.3** | **1.1** | **1.2** | **0.8** | **1.4** | **1.0** | **0.8** | **0.85** | **1.08** | **1.23** | **1.13** | **0.97** | **1.04** | **0.99** |

***Source: Ministry of Finance***

**Table 31: Revenue Components as % of GDP (FY91-FY02)**

| | FY91 | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 | FY99 | FY00 | FY01 | FY02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (In billions of taka) | | | | | | | | | | | |
| **Total Revenue** | 80.3 | 99.6 | 115.0 | 126.4 | 143.0 | 153.8 | 165.7 | 184.2 | 193.5 | 200.9 | 243.4 | 279.6 |
| **Tax Revenue** | 65.9 | 79.0 | 91.5 | 97.3 | 113.5 | 121.7 | 134.5 | 147.9 | 157.5 | 160.9 | 197.8 | 214.0 |
| **NBR tax** | 61.5 | 73.5 | 85.4 | 90.0 | 105.2 | 113.7 | 125.0 | 138.0 | 148.7 | 151.3 | 187.8 | 202.9 |
| Custom duty | 23.7 | 27.5 | 28.8 | 29.8 | 36.8 | 37.7 | 40.1 | 45.4 | 47.4 | 42.5 | 51.0 | 54.0 |
| VAT Import | | 12.7 | 17.3 | 17.1 | 22.2 | 25.6 | 27.9 | 29.1 | 30.5 | 30.6 | 36.8 | 37.6 |
| Supp. Import | | 0.3 | 0.3 | 0.7 | 1.9 | 3.6 | 4.5 | 5.6 | 7.7 | 9.5 | 12.6 | 13.3 |
| Sales tax | 8.0 | | | | | | | | | | | |
| **Import- based** | **31.7** | **40.4** | **46.4** | **47.7** | **60.8** | **66.9** | **72.5** | **80.1** | **85.5** | **82.7** | **100.4** | **104.9** |
| Income tax | 11.3 | 12.9 | 16.1 | 17.0 | 14.9 | 15.3 | 16.6 | 19.7 | 23.6 | 26.1 | 35.1 | 38.8 |
| VAT Domestic | | 4.7 | 8.3 | 10.3 | 12.5 | 13.0 | 15.5 | 16.9 | 18.1 | 21.1 | 27.0 | 32.0 |
| Supp. Domestic | | 0.3 | 9.8 | 11.8 | 13.4 | 14.6 | 16.2 | 17.2 | 17.1 | 17.2 | 21.1 | 22.8 |
| Others tax | 18.5 | 15.2 | 4.7 | 3.1 | 3.6 | 3.8 | 4.2 | 4.2 | 4.3 | 4.4 | 4.2 | 4.4 |
| **Domestic-based** | **29.8** | **33.1** | **40.0** | **42.3** | **44.4** | **46.8** | **52.5** | **57.9** | **63.1** | **68.7** | **87.4** | **98.1** |
| Non-NBR tax | 4.4 | 5.5 | 6.2 | 7.3 | 8.3 | 8.0 | 9.5 | 9.9 | 8.8 | 9.6 | 10.0 | 11.1 |
| Non-Tax Revenue | 14.4 | 20.6 | 23.5 | 29.1 | 29.5 | 32.1 | 31.2 | 36.3 | 36.0 | 40.0 | 45.6 | 65.6 |
| | (In Percent of GDP) | | | | | | | | | | | |
| **Total Revenue** | **7.3** | **8.3** | **9.2** | **9.3** | **9.4** | **9.3** | **9.2** | **9.2** | **8.8** | **8.5** | **9.6** | **10.2** |
| **Tax Revenue** | 6.0 | 6.6 | 7.3 | 7.2 | 7.4 | 7.3 | 7.4 | 7.4 | 7.2 | 6.8 | 7.8 | 7.8 |
| **NBR Tax Revenue** | 5.6 | 6.2 | 6.8 | 6.6 | 6.9 | 6.8 | 6.9 | 6.9 | 6.8 | 6.4 | 7.4 | 7.4 |
| **Import-based tax** | **2.9** | **3.4** | **3.7** | **3.5** | **4.0** | **4.0** | **4.0** | **4.0** | **3.9** | **3.5** | **4.0** | **3.8** |
| Custom duty | 2.2 | 2.3 | 2.3 | 2.2 | 2.4 | 2.3 | 2.2 | 2.3 | 2.2 | 1.8 | 2.0 | 2.0 |
| VAT Import | 0.0 | 1.1 | 1.4 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.3 | 1.5 | 1.4 |
| Supp. Import | 0.0 | 0.02 | 0.02 | 0.05 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 |
| Sales tax | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Domestic-based tax** | **2.7** | **2.8** | **3.1** | **3.1** | **2.9** | **2.8** | **2.9** | **2.9** | **2.9** | **2.9** | **3.5** | **3.6** |
| Income tax | 1.0 | 1.1 | 1.3 | 1.3 | 1.0 | 0.9 | 0.9 | 1.0 | 1.1 | 1.1 | 1.4 | 1.4 |
| VAT Domestic | 0.0 | 0.4 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 0.9 | 1.1 | 1.2 |
| Supp. Domestic | 0.0 | 0.02 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| Others tax | 1.7 | 1.3 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| **Non-NBR tax** | **0.4** | **0.5** | **0.5** | **0.5** | **0.6** | **0.5** | **0.5** | **0.5** | **0.4** | **0.4** | **0.4** | **0.4** |
| **Non-Tax Revenue** | **1.3** | **1.7** | **1.9** | **2.2** | **1.9** | **1.9** | **1.7** | **1.8** | **1.6** | **1.7** | **1.8** | **2.4** |

***Source: Ministry of Finance***

**Table 32: Revenue Components as % of GDP (FY03-FY09)**

| | FY03 | FY04 | FY05 | FY06 | FY07 | FY08 | FY09 | FY10 |
|---|---|---|---|---|---|---|---|---|
| | | | | | **(In billions of taka)** | | | |
| **Total Revenue** | 309.9 | 343.7 | 386.3 | 439.3 | 491.8 | 622.8 | 687.9 | |
| **Tax Revenue** | 248.2 | 272.7 | 313.8 | 352.4 | 389.6 | 497.5 | 551.4 | |
| **NBR tax** | 237.6 | 260.3 | 299.6 | 337.1 | 371.1 | 474.4 | 524.8 | |
| Custom duty | 66.9 | 70.8 | 79.0 | 78.4 | 81.7 | 96.0 | 93.4 | |
| VAT Import | 41.1 | 44.0 | 53.5 | 58.5 | 63.1 | 84.9 | 91.9 | |
| Supp.Import | 12.7 | 16.9 | 18.5 | 15.7 | 11.9 | 17.5 | 23.4 | |
| Sales tax | | | | | | | | |
| **Import- based** | **120.7** | **131.7** | **151.0** | **152.6** | **156.7** | **198.5** | **208.7** | |
| Income tax | 43.7 | 46.1 | 56.7 | 71.5 | 86.7 | 117.5 | 138.6 | |
| VAT Domestic | 36.2 | 42.5 | 50.8 | 63.2 | 74.5 | 91.8 | 109.3 | |
| Supp.Domestic | 31.5 | 35.4 | 37.1 | 43.9 | 48.2 | 60.0 | 61.6 | |
| Others tax | 5.4 | 4.5 | 3.9 | 5.9 | 4.9 | 6.6 | 6.6 | |
| **Domestic-based** | **116.8** | **128.6** | **148.6** | **184.5** | **214.3** | **275.9** | **316.2** | |
| Non-NBR tax | 10.7 | 12.4 | 14.2 | 15.3 | 18.5 | 23.1 | 26.5 | |
| Non-Tax Revenue | 61.7 | 71.0 | 72.5 | 86.9 | 102.2 | 125.3 | 136.5 | |
| | | | | | ***(in Percentage of GDP)*** | | | |
| **Total Revenue** | **10.3** | **10.3** | **10.4** | **10.6** | **10.4** | **11.4** | **11.2** | |
| **Tax Revenue** | 8.3 | 8.2 | 8.5 | 8.5 | 8.3 | 9.1 | 9.0 | |
| **NBR Tax Revenue** | 7.9 | 7.8 | 8.1 | 8.1 | 7.9 | 8.7 | 8.5 | |
| **Import-based tax** | **4.0** | **4.0** | **4.** | **3.7** | **3.3** | **3.6** | **3.4** | |
| Custom duty | 2.2 | 2.1 | 2.1 | 1.9 | 1.7 | 1.8 | 1.5 | |
| VAT Import | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.6 | 1.5 | |
| Supp.Import | 0.4 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.4 | |
| Sales tax | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| **Domestic-based tax** | **3.9** | **3.9** | **4.0** | **4.4** | **4.5** | **5.1** | **5.1** | |
| Income tax | 1.5 | 1.4 | 1.5 | 1.7 | 1.8 | 2.2 | 2.3 | |
| VAT Domestic | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | |
| Supp.Domestic | 1.1 | 1.1 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | |
| Others tax | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| **Non-NBR tax** | **0.4** | **0.4** | **0.4** | **0.4** | **0.4** | **0.4** | **0.4** | |
| **Non-Tax Revenue** | **2.1** | **2.1** | **2.0** | 2.1 | 2.2 | 2.3 | 2.2 | |

***Source: Economic Review, Ministry of Finance, Bangladesh***

## 3. Expenditure

**Table 33: Expenditure Components as Percent of GDP (FY73-FY85)**

| Fiscal Year | FY73 | FY74 | FY75 | FY76 | FY77 | FY78 | FY79 | FY80 | FY81 | FY82 | FY83 | FY84 | FY85 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(Components of Current Expenditure as % of GDP)** | | | | | | | | | | | | |
| **Total Expenditure** | 11.5 | 10.1 | 9.1 | 16.2 | 16.6 | 16.2 | 15.0 | 11.9 | 11.9 | 11.9 | 14.2 | 12.4 | 11.7 |
| **Revenue Expenditure** | 5.8 | 4.8 | 5.2 | 8.8 | 8.1 | 7.5 | 6.5 | 4.5 | 4.6 | 5.1 | 5.3 | 5.1 | 5.2 |
| Defense | 2.8 | 1.9 | 1.6 | 2.2 | 3.2 | 2.3 | 2.0 | 1.1 | 0.9 | 1.0 | 1.0 | 1.0 | 0.9 |
| Education | 1.5 | 1.1 | 0.8 | 1.0 | 1.2 | 1.1 | 1.0 | 0.8 | 0.6 | 0.6 | 0.7 | 0.7 | 0.9 |
| Health | 0.4 | 0.4 | 0.3 | 0.6 | 0.6 | 0.6 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 |
| Subsidies | 0.01 | 0.01 | 0.74 | 0.94 | 0.93 | 0.61 | 0.71 | 0.75 | 0.72 | 0.89 | 0.88 | 0.43 | 0.47 |
| Interest on foreign debt | | | | | | | | | | | | | |
| Interest on domestic debt | | | | | | | | | | | | | |
| | **(Components of ADP Expenditure as % of GDP)** | | | | | | | | | | | | |
| **ADP Expenditure** | 5.6 | 5.3 | 3.9 | 7.3 | 8.5 | 8.7 | 8.5 | 7.4 | 7.3 | 6.6 | 6.6 | 6.1 | 5.6 |
| Agriculture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Education | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health & Population | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Power, Oil & Gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Transport & communication | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rural Development & Institution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nominal GDP** | 49.9 | 75.8 | 124.4 | 110.3 | 116.0 | 145.2 | 174.0 | 280.8 | 322.1 | 361.7 | 408.3 | 489.8 | 561.9 |

***Source: Ministry of Finance***

**Table 34: Expenditure Components as Percent of GDP (FY86-FY98)**

| | FY86 | FY87 | FY88 | FY89 | FY90 | FY91 | FY92 | FY93 | FY94 | FY95 | FY96 | FY97 | FY98 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **(Components of Current Expenditure as % of GDP)** | | | | | | | | | | | | |
| **Total Expenditure** | 12.2 | 12.8 | 12.4 | 13.2 | 13.4 | 13.3 | 13.0 | 13.0 | 15.0 | 14.4 | 13.9 | 13.3 | 12.9 |
| **Revenue Expenditure** | 5.4 | 5.4 | 5.9 | 6.9 | 6.7 | 6.6 | 6.6 | 6.8 | 6.8 | 6.8 | 7.1 | 6.9 | 7.2 |
| Defense | 0.9 | 1.1 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 |
| Education | 0.9 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Health | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Subsidies | 0.22 | 0.09 | 0.08 | 0.79 | 0.94 | 0.70 | 0.49 | 0.23 | 0.22 | 0.19 | 0.29 | 0.27 | 0.28 |
| Interest on foreign debt | | | | | | | | | | | | | |
| Interest on domestic debt | | | | | | | | | | | | | |
| | **(Components of ADP Expenditure as % of GDP)** | | | | | | | | | | | | |
| **ADP Expenditure** | 5.7 | 6.1 | 5.2 | 5.2 | 5.7 | 4.8 | 5.0 | 5.2 | 6.6 | 6.8 | 6.0 | 6.1 | 5.5 |
| Agriculture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Education | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Health & Population | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Power, Oil & Gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Transport & communication | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rural Development & Institution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nominal GDP** | 632.7 | 727.7 | 799.9 | 890.6 | 1003.3 | 1105.2 | 1195.4 | 1253.7 | 1354.1 | 1525.2 | 1663.2 | 1807 | 2001.8 |

***Source: Ministry of Finance***

**Table 35: Expenditure Components as Percent of GDP (FY99-FY09)**

| | FY99 | FY00 | FY01 | FY02 | FY03 | FY04 | FY05 | FY06 | FY07 | FY08 | FY09 | FY10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **(Components of Current Expenditure as % of GDP)** | | | | | | | | | | | |
| **Total Expenditure** | 13.6 | 14.5 | 14.8 | 14.9 | 14.5 | 14.8 | 15.0 | 14.7 | 14.1 | 17.2 | 15.3 | |
| **Revenue Expenditure** | 7.6 | 7.8 | 8.1 | 8.3 | 8.4 | 8.6 | 9.4 | 9.2 | 9.6 | 10.6 | 11.0 | |
| Defense | 1.3 | 1.4 | 1.3 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | |
| Education | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.4 | 1.5 | 1.7 | 1.6 | 1.4 | |
| Health | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 | 0.5 | 0.6 | |
| Subsidies | 0.20 | 0.25 | 0.21 | 0.25 | 0.49 | 0.40 | 0.58 | 0.42 | 0.67 | 1.09 | 1.09 | |
| Interest on foreign debt | | | | | | | | | | | | |
| Interest on domestic debt | | | | | | | | | | | | |
| | **(Components of ADP Expenditure as % of GDP)** | | | | | | | | | | | |
| **ADP Expenditure** | 5.7 | 6.5 | 6.4 | 5.2 | 5.1 | 5.1 | 5.1 | 4.6 | 3.8 | 3.1 | 3.2 | |
| Agriculture | 0 | 0 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Education | 0 | 0 | 0 | 0.7 | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | |
| Health & Population | 0 | 0 | 0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | |
| Power, Oil & Gas | 0 | 0 | 0 | 0.8 | 1.0 | 1.1 | 1.1 | 0.1 | 0.6 | 0.5 | 0.4 | |
| Transport & communication | 0 | 0 | 0 | 0.8 | 1.0 | 1.1 | 1.1 | 0.1 | 0.6 | 0.5 | 0.4 | |
| Rural Development & Institution | 0 | 0 | 0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | |
| **Nominal GDP** | 2197 | 2370.9 | 2535.5 | 2732 | 3005 | 3329.7 | 3707.1 | 4157.3 | 4724.8 | 5458.2 | 6149.4 | |

***Source: Ministry of Finance***

**Table 36: Expenditure Components**

| Description | FY05 | FY06 | FY07 | FY08 | FY09 | FY10 | FY11(B) |
|---|---|---|---|---|---|---|---|
| | ( In Crore Taka) | | | | | | |
| 1. President | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| 2. National Parliament | 5.4 | 12.9 | 8.4 | 6.6 | 0.1 | 0.6 | 1.0 |
| 3. Prime Minister | 173.3 | 185.9 | 206.9 | 140.4 | 105.8 | 164.2 | 87.0 |
| 4. Cabinet Division | 0.1 | 0.1 | 0.3 | 0.1 | 2 | 0.3 | 7.0 |
| 5. Election Commission | 1.9 | 0.6 | 6.5 | 332.1 | 99.7 | 104 | 301.0 |
| 6. Ministry of Establishment | 52.2 | 81 | 36.9 | 107.5 | 59 | 59.2 | 114.0 |
| 7. Public Service Commission | 0 | 3.7 | 9.2 | 2 | 0.4 | 1.2 | 1.0 |
| 8. Finance Division-loans and advances, except repayment of domestic loan & investment | 140 | 154.1 | 95.4 | 105.3 | 115.2 | 140.4 | 254.0 |
| 9. Internal Resources Division | 0 | 0 | 0 | 4.5 | 39.6 | 21.3 | 36.0 |
| 10. Economic Relations Division | 1 | 0.9 | 2.7 | 20.3 | 5.6 | 4.1 | 15.0 |
| 11. Planning Division | 13.6 | 46 | 31.7 | 51.5 | 55.6 | 62.3 | 1654.0 |
| 12. IMED | 5.6 | 6.7 | 6.9 | 12.1 | 17.6 | 29.5 | 182.0 |
| 13. Ministry of Foreign Affairs | 0 | 0 | 0 | 0 | 0 | 0 | 7.0 |
| 14. Tax Ombudsman Office | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| 15. Local Government Division | 4185.3 | 3803.3 | 4668.3 | 4290.2 | 4855.7 | 6295.2 | 8178.0 |
| 16. Rural Development and Cooperatives Division | 93.2 | 144.2 | 150.4 | 243.6 | 249.4 | 385.4 | 469.0 |
| 17. Ministry of Chittagong Hill tracts Affairs | 155.7 | 207.3 | 173 | 150.5 | 311 | 382 | 357.0 |
| 18. Ministry of Defense | 45.2 | 31.5 | 28.8 | 130.3 | 82.1 | 55.2 | 226.0 |
| 19. Ministry of Law and Justice | 55 | 42.8 | 24.9 | 18.6 | 30.9 | 32.7 | 29.0 |
| 20. Supreme Court | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| 21. Ministry of Home Affairs | 103.9 | 133.5 | 178.2 | 132.4 | 257.4 | 494 | 316.0 |
| 22. Anticorruption Commission | 0 | 0 | 0 | 1.7 | 1.4 | 0.2 | 0.0 |
| 21. Ministry of Primary and Mass Education | 836.1 | 1604.4 | 1719.1 | 1740.9 | 1848.5 | 3299.3 | 3207.0 |
| 22. Ministry of Education | 1081.1 | 933.6 | 927.3 | 903.9 | 937.2 | 1572.6 | 1686.0 |
| 23. Ministry of Science and Technology | 60.7 | 46 | 66.2 | 102.1 | 105 | 116.9 | 170.0 |
| 24. Ministry of Health and Family Welfare | 1136 | 885.9 | 1502.6 | 1760.1 | 1832.4 | 2374.8 | 3473.0 |
| 25. Ministry of Social Welfare | 54.2 | 50.6 | 51.5 | 41.1 | 54.8 | 73.8 | 235.0 |
| 26. Ministry of Women and Children Affairs | 61.5 | 75.5 | 67.3 | 78 | 113.5 | 152.7 | 209.0 |

| Description | FY05 | FY06 | FY07 | FY08 | FY09 | FY10 | FY11(B) |
|---|---|---|---|---|---|---|---|
| | ( In Crore Taka) | | | | | | |
| 27. Ministry of Food and Disaster Management | 520.1 | 428 | 138 | 626.3 | 1439.2 | 1574.7 | 539.0 |
| 28. Ministry of Liberation Affairs | 48.3 | 60.5 | 6.4 | 9 | 4.8 | 6.2 | 29.0 |
| 29. Ministry of Housing and Public Works | 82.9 | 69.9 | 34.8 | 167.8 | 324.5 | 537.1 | 479.0 |
| 30. Ministry of Information | 22.2 | 14.1 | 20.1 | 47.2 | 11.9 | 68.7 | 105.0 |
| 31. Ministry of Cultural Affairs | 29.2 | 36.5 | 39.6 | 33.2 | 59.8 | 49.3 | 128.0 |
| 32. Ministry of Religious Affairs | 37.5 | 53.8 | 94.8 | 107.5 | 118.4 | 181.6 | 137.0 |
| 33. Ministry of Youth and Sports | 125.5 | 189.1 | 82.9 | 49.8 | 28 | 111.4 | 268.0 |
| 34. Energy and Mineral Resources Division | 873.9 | 327.3 | 253.4 | 324.6 | 214.3 | 1448.1 | 1080.0 |
| 35. Power Division | 3029.4 | 3463.6 | 3536.4 | 2505.2 | 2211.6 | 2903.3 | 4995.0 |
| 36. Ministry of Agriculture | 485.4 | 614.3 | 617 | 634.8 | 650.6 | 834.9 | 1054.0 |
| 37. Ministry of Fisheries and Livestock | 166.1 | 139.8 | 104.2 | 138.5 | 150.7 | 297.3 | 373.0 |
| 38. Ministry of Environment and Forest | 126.1 | 140.8 | 86.3 | 83.5 | 60.7 | 59.3 | 243.0 |
| 39. Ministry of Land | 51.6 | 10.8 | 18.2 | 13.6 | 27.7 | 87.3 | 99.0 |
| 40. Ministry of Water Resources | 713.8 | 730.7 | 597.5 | 656.3 | 711.9 | 1061 | 1407.0 |
| 41. Ministry of Industries | 437 | 203.3 | 252.4 | 140.2 | 295.2 | 424.1 | 475.0 |
| 42. Ministry of Textile and Jute | 29.1 | 23.1 | 11.3 | 23.6 | 26.8 | 44.9 | 103.0 |
| 43.Ministry of Commerce | 23.6 | 50 | 94.4 | 64.6 | 77.2 | 78.6 | 123.0 |
| 44. Ministry of Labour and Manpower | 71.7 | 86.2 | 58.4 | 56.1 | 80 | 30.9 | 33.0 |
| 45. Ministry of Expatriate Welfare & employment | 0 | 0 | 0 | 16.7 | 15 | 2.1 | 85.0 |
| 46. Ministry of Communication | 3119.7 | 2326.3 | 2590.8 | 1920.6 | 1656.2 | 2571.8 | 4679.0 |
| 47. Ministry of Shipping | 36 | 100.5 | 80.2 | 60.4 | 86.1 | 155.5 | 409.0 |
| 48. Ministry Civil Aviation and Tourism | 33.7 | 85.1 | 28.1 | 16.3 | 23.2 | 8.4 | 283.0 |
| 49 Ministry of Post and Telecommunication | 1040.7 | 301.1 | 400.3 | 198.4 | 136.3 | 141.6 | 160.0 |
| **Total ADP Expenditures** | **19364.5** | **17905.3** | **19108** | **18270** | **19590** | **26200** | **34801** |

***Source: Ministry of Finance***

# 4. Debt

**Table 37: Debt Components as % of GDP (FY73-FY86)**

| Fiscal Year | FY73 | FY74 | FY75 | FY76 | FY77 | FY78 | FY79 | FY80 | FY81 | FY82 | FY83 | FY84 | FY85 | FY86 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(In billions of taka or otherwise indicated)** | | | | | | | | | | | | | |
| **Total Public Debt** | | **15.15** | **20.94** | **29.76** | **39.50** | **50.95** | **62.09** | **77.50** | **92.28** | **110.93** | **142.00** | **172.98** | **200.36** | **233.68** |
| of Which: | | | | | | | | | | | | | | |
| **External Debt (in Usd)** | 0.1 | 0.5 | 1.0 | 1.6 | 1.8 | 2.8 | 3.2 | 3.4 | 4.4 | 5.0 | 5.5 | 5.9 | 6.3 | 7.4 |
| **External Debt (in TK)** | **0.5** | **4.0** | **8.6** | **23.7** | **28.2** | **42.1** | **48.6** | **52.7** | **71.3** | **99.5** | **129.7** | **148.2** | **163.1** | **222.3** |
| **Domestic Debt** | | 11.16 | 12.30 | 6.02 | 11.30 | 8.88 | 13.49 | 24.83 | 21.02 | 11.43 | 12.27 | 24.79 | 37.28 | 11.39 |
| | | | | | | | | | | | | | | |
| **(As % of GDP):** | **(% of GDP)** | | | | | | | | | | | | | |
| **Total Public Debt** | **…** | **20.00** | **16.84** | **26.97** | **34.05** | **35.09** | **35.68** | **27.60** | **28.65** | **30.67** | **34.78** | **35.32** | **35.65** | **36.93** |
| of Which: | | | | | | | | | | | | | | |
| **External Debt** | **…** | 5.27 | 6.95 | 21.52 | 24.31 | 28.98 | 27.93 | 18.76 | 22.12 | 27.51 | 31.77 | 30.26 | 29.02 | 35.13 |
| **Domestic Debt** | **…** | 14.73 | 9.89 | 5.45 | 9.74 | 6.12 | 7.75 | 8.84 | 6.52 | 3.16 | 3.00 | 5.06 | 6.63 | 1.80 |
| | | | | | | | | | | | | | | |
| **Nominal GDP** | **49.9** | **75.8** | **124.4** | **110.3** | **116.0** | **145.2** | **174.0** | **280.8** | **322.1** | **361.7** | **408.3** | **489.8** | **561.9** | **632.7** |

***Source: External Resource Division, ministry of finance, Bangladesh***

**Table 38: Debt Components as % of GDP (FY87-FY98)**

| Fiscal Year | FY87 | FY88 | FY89 | FY90 | *FY91* | *FY92* | *FY93* | *FY94* | *FY95* | *FY96* | *FY97* | *FY98* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(In billions of taka or otherwise indicated)** | | | | | | | | | | | |
| **Total Public Debt** | 275.20 | 316.78 | 371.50 | 432.86 | 492.42 | 540.31 | 578.44 | 645.27 | 709.72 | 774.61 | 836.21 | 896.61 |
| **of Which:** | | | | | | | | | | | | |
| **External Debt (in US$)** | 8.4 | 9.5 | 9.9 | 10.6 | 12.7 | *13.3* | *13.6* | *15.4* | *16.8* | *15.2* | *15.0* | *14.0* |
| **External Debt (in TK)** | 256.2 | 296.0 | 317.5 | 349.3 | 453.6 | *508.5* | *532.9* | *614.9* | *674.0* | *619.3* | *641.6* | *637.9* |
| **Domestic Debt** | 19.02 | 20.83 | 53.99 | 83.60 | 38.85 | 31.84 | 45.56 | 30.34 | 35.68 | 155.28 | 194.63 | 258.72 |
| **(As % of GDP):** | **(% of GDP)** | | | | | | | | | | | |
| **Total Public Debt** | 37.82 | 39.60 | 41.71 | 43.14 | 44.56 | 45.20 | 46.14 | 47.65 | 46.53 | 46.57 | 46.28 | 44.79 |
| **of Which:** | | | | | | | | | | | | |
| **External Debt** | 35.20 | 37.00 | 35.65 | 34.81 | 41.04 | 42.54 | 42.50 | 45.41 | 44.19 | 37.24 | 35.51 | 31.87 |
| **Domestic Debt** | 2.61 | 2.60 | 6.06 | 8.33 | 3.51 | 2.66 | 3.63 | 2.24 | 2.34 | 9.34 | 10.77 | 12.92 |
| | | | | | | | | | | | | |
| **Nominal GDP** | 727.7 | 799.9 | 890.6 | 1003.3 | 1105.2 | 1195.4 | 1253.7 | 1354.1 | 1525.2 | 1663.2 | 1807.0 | 2001.8 |

***Source: External Resource Division, ministry of finance, Bangladesh***

**Table 39: Debt Components as % of GDP (FY99-FY09)**

| **Fiscal Year** | **FY99** | **FY00** | **FY01** | **FY02** | **FY03** | **FY04** | **FY05** | **FY06** | **FY07** | **FY08** | **FY09** | **FY10** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Variables/Items** | **(In billions of taka or otherwise indicated)** | | | | | | | | | | | |
| **Total Public Debt** | 983.02 | 1104.21 | 1211.20 | 1314.24 | 1415.16 | 1540.22 | 1683.53 | 1821.17 | 1960.50 | 2233.65 | *2443.50* | |
| of Which: | | | | | | | | | | | | |
| **External Debt (in US$)** | *14.8* | *16.2* | *15.1* | *16.3* | *17.4* | *18.5* | *19.3* | *19.4* | *20.7* | *21.3* | *21.9* | |
| **External Debt (in TK)** | *713.4* | *815.6* | *813.4* | *934.8* | *1008.1* | *1091.0* | *1184.0* | *1302.7* | *1429.9* | *1460.8* | *1503.4* | |
| **Domestic Debt** | 269.60 | 288.62 | 397.82 | 379.43 | 407.06 | 449.27 | 499.49 | 518.48 | 530.64 | 772.84 | 940.12 | |
| | | | | | | | | | | | | |
| **(As % of GDP):** | **(% of GDP)** | | | | | | | | | | | |
| **Total Public Debt** | 44.74 | 46.57 | 47.77 | 48.11 | 47.09 | 46.26 | 45.41 | 43.81 | 41.49 | 40.92 | 39.74 | |
| of Which: | | | | | | | | | | | | |
| **External Debt** | 32.47 | 34.40 | 32.08 | 34.22 | 33.55 | 32.76 | 31.94 | 31.33 | 30.26 | 26.76 | 24.45 | |
| **Domestic Debt** | 12.27 | 12.17 | 15.69 | 13.89 | 13.55 | 13.49 | 13.47 | 12.47 | 11.23 | 14.16 | 15.29 | |
| | | | | | | | | | | | | |
| **Nominal GDP** | 2197.0 | 2370.9 | 2535.5 | 2732.0 | 3005.0 | 3329.7 | 3707.1 | 4157.3 | 4724.8 | 5458.2 | 6149.4 | |

***Source: External Resource Division, ministry of finance, Bangladesh***

# 5. Money and Prices

**Table 40: Monetary Development**

(Billion taka)

| Period | Reserve Money | M1 (Narrow Money) | M2 (Broad Money) |
|---|---|---|---|
| 1973-74 | 3.1 | 7.5 | 12.4 |
| 1974-75 | 3.7 | 8.0 | 12.6 |
| 1975-76 | 4.2 | 8.8 | 14.0 |
| 1976-77 | 3.9 | 9.7 | 17.4 |
| 1977-78 | 4.3 | 12.2 | 21.4 |
| 1978-79 | 5.2 | 15.2 | 27.6 |
| 1979-80 | 6.8 | 17.3 | 32.4 |
| 1980-81 | 8.4 | 19.9 | 41.4 |
| 1981-82 | 14.3 | 20.1 | 45.5 |
| 1982-83 | 19.1 | 26.3 | 59.0 |
| 1983-84 | 25.9 | 35.5 | 83.9 |
| 1984-85 | 29.4 | 42.3 | 105.3 |
| 1985-86 | 31.5 | 49.3 | 123.4 |
| 1986-87 | 46.0 | 52.6 | 143.5 |
| 1987-88 | 51.0 | 50.5 | 164.1 |
| 1988-89 | 56.9 | 54.6 | 190.8 |
| 1989-90 | 59.5 | 63.7 | 223.0 |
| 1990-91 | 59.4 | 72.0 | 250.0 |
| 1991-92 | 71.9 | 82.6 | 285.3 |
| 1992-93 | 89.4 | 90.6 | 315.4 |
| 1993-94 | 113.1 | 111.7 | 364.0 |
| 1994-95 | 106.3 | 131.8 | 422.7 |
| 1995-96 | 110.0 | 144.6 | 457.6 |
| 1996-97 | 123.9 | 151.7 | 507.1 |
| 1997-98 | 136.2 | 158.9 | 558.7 |
| 1998-99 | 147.4 | 172.5 | 630.3 |
| 1999-00 | 170.6 | 198.8 | 747.6 |
| 2000-01 | 189.3 | 223.5 | 871.7 |
| 2001-02 | 235.3 | 241.6 | 986.2 |
| 2002-03 | 243.1 | 267.4 | 1139.9 |
| 2003-04 | 262.6 | 305.0 | 1297.7 |
| 2004-05 | 295.5 | 355.5 | 1515.9 |
| 2005-06 | 378.6 | 431.3 | 1811.6 |
| 2006-07 | 445.6 | 506.5 | 2119.9 |
| 2007-08 | 527.9 | 593.1 | 2487.9 |
| 2008-09 | 693.9 | 664.3 | 2971.3 |
| 2009-10 | 805.1 | 879.9 | 3630.3 |

***Source:Bangladesh Bank***

**Table 41: Monetary Development**

(Annual Percentage Change)

| Period | Reserve Money | M1 (Narrow Money) | M2 (Broad Money) |
|---|---|---|---|
| 1974-75 | 18.1 | 7.2 | 1.2 |
| 1975-76 | 12.9 | 10.4 | 10.9 |
| 1976-77 | -6.2 | 10.3 | 24.5 |
| 1977-78 | 9.8 | 25.8 | 23.0 |
| 1978-79 | 20.4 | 24.6 | 28.9 |
| 1979-80 | 30.8 | 13.6 | 17.6 |
| 1980-81 | 24.0 | 14.7 | 27.5 |
| 1981-82 | 69.3 | 1.3 | 10.0 |
| 1982-83 | 34.1 | 30.9 | 29.7 |
| 1983-84 | 35.2 | 34.8 | 42.2 |
| 1984-85 | 13.8 | 19.2 | 25.6 |
| 1985-86 | 7.1 | 16.4 | 17.1 |
| 1986-87 | 45.8 | 6.8 | 16.3 |
| 1987-88 | 10.9 | -4.1 | 14.3 |
| 1988-89 | 11.5 | 8.2 | 16.3 |
| 1989-90 | 4.6 | 16.6 | 16.9 |
| 1990-91 | -0.1 | 13.1 | 12.1 |
| 1991-92 | 20.9 | 14.6 | 14.1 |
| 1992-93 | 24.5 | 9.8 | 10.6 |
| 1993-94 | 26.4 | 23.2 | 15.4 |
| 1994-95 | -6.0 | 18.0 | 16.1 |
| 1995-96 | 3.5 | 9.7 | 8.3 |
| 1996-97 | 12.6 | 4.9 | 10.8 |
| 1997-98 | 9.9 | 4.8 | 10.2 |
| 1998-99 | 8.3 | 8.6 | 12.8 |
| 1999-00 | 15.7 | 15.3 | 18.6 |
| 2000-01 | 10.9 | 12.4 | 16.6 |
| 2001-02 | 24.3 | 8.1 | 13.1 |
| 2002-03 | 3.3 | 10.7 | 15.6 |
| 2003-04 | 8.0 | 14.0 | 13.8 |
| 2004-05 | 12.5 | 16.5 | 16.8 |
| 2005-06 | 28.1 | 21.3 | 19.5 |
| 2006-07 | 17.7 | 17.4 | 17.0 |
| 2007-08 | 18.5 | 17.1 | 17.4 |
| 2008-09 | 31.4 | 12.0 | 19.4 |
| 2009-10 | 16.0 | 32.5 | 22.2 |

***Source: Bangladesh Bank***

**Table 42: Domestic Credit Development**

(Billion taka)

| Period | Domestic Credit | Claims on Public Sector | Claims on Private Sector |
|---|---|---|---|
| 1973-74 | 13.4 | 10.2 | 3.2 |
| 1974-75 | 15.0 | 12.1 | 2.9 |
| 1975-76 | 17.6 | 14.1 | 3.5 |
| 1976-77 | 19.8 | 14.7 | 5.2 |
| 1977-78 | 24.7 | 17.5 | 7.2 |
| 1978-79 | 30.2 | 20.9 | 9.3 |
| 1979-80 | 39.5 | 25.5 | 14.0 |
| 1980-81 | 52.7 | 35.1 | 17.6 |
| 1981-82 | 64.6 | 41.0 | 23.6 |
| 1982-83 | 71.7 | 40.7 | 31.0 |
| 1983-84 | 95.4 | 46.2 | 49.1 |
| 1984-85 | 121.1 | 52.2 | 68.9 |
| 1985-86 | 141.8 | 58.3 | 83.6 |
| 1986-87 | 153.1 | 63.3 | 89.7 |
| 1987-88 | 169.7 | 60.8 | 109.0 |
| 1988-89 | 192.6 | 59.0 | 133.6 |
| 1989-90 | 230.3 | 70.3 | 160.0 |
| 1990-91 | 253.7 | 75.5 | 178.2 |
| 1991-92 | 272.1 | 92.7 | 179.4 |
| 1992-93 | 292.7 | 99.6 | 193.2 |
| 1993-94 | 307.0 | 97.2 | 209.7 |
| 1994-95 | 360.9 | 95.2 | 265.6 |
| 1995-96 | 434.5 | 117.9 | 316.6 |
| 1996-97 | 494.0 | 138.9 | 355.0 |
| 1997-98 | 599.7 | 157.6 | 442.1 |
| 1998-99 | 687.0 | 175.7 | 511.2 |
| 1999-00 | 778.2 | 213.0 | 565.2 |
| 2000-01 | 910.5 | 253.9 | 656.6 |
| 2001-02 | 1024.0 | 278.4 | 745.5 |
| 2002-03 | 1106.5 | 266.2 | 840.3 |
| 2003-04 | 1267.9 | 309.2 | 958.7 |
| 2004-05 | 1488.4 | 368.2 | 1120.2 |
| 2005-06 | 1790.9 | 467.7 | 1323.2 |
| 2006-07 | 2056.7 | 535.0 | 1521.8 |
| 2007-08 | 2486.8 | 585.4 | 1901.4 |
| 2008-09 | 2885.5 | 706.2 | 2179.3 |
| 2009-10 | 3401.8 | 694.2 | 2707.6 |
| ***Source: Bangladesh Bank*** | | | |

**Table 43: Credit Development**

(Annual Percentage Change)

| Period | Domestic Credit | Claims on Public Sector | Claims on Private Sector |
|---|---|---|---|
| 1974-75 | 12.3 | 19.2 | -9.6 |
| 1975-76 | 16.8 | 16.1 | 19.7 |
| 1976-77 | 12.9 | 4.0 | 49.0 |
| 1977-78 | 24.7 | 19.2 | 40.2 |
| 1978-79 | 22.0 | 19.6 | 28.0 |
| 1979-80 | 30.9 | 22.1 | 50.8 |
| 1980-81 | 33.5 | 37.5 | 26.3 |
| 1981-82 | 22.5 | 16.7 | 34.1 |
| 1982-83 | 10.9 | -0.7 | 31.0 |
| 1983-84 | 33.1 | 13.6 | 58.7 |
| 1984-85 | 27.0 | 12.9 | 40.2 |
| 1985-86 | 17.1 | 11.7 | 21.3 |
| 1986-87 | 7.9 | 8.7 | 7.4 |
| 1987-88 | 10.9 | -4.1 | 21.4 |
| 1988-89 | 13.5 | -2.8 | 22.6 |
| 1989-90 | 19.6 | 19.0 | 19.8 |
| 1990-91 | 10.1 | 7.4 | 11.4 |
| 1991-92 | 7.3 | 22.8 | 0.7 |
| 1992-93 | 7.6 | 7.4 | 7.7 |
| 1993-94 | 4.9 | -2.3 | 8.6 |
| 1994-95 | 17.6 | -2.1 | 26.7 |
| 1995-96 | 20.4 | 23.9 | 19.2 |
| 1996-97 | 13.7 | 17.8 | 12.1 |
| 1997-98 | 21.4 | 13.5 | 24.5 |
| 1998-99 | 14.6 | 11.5 | 15.7 |
| 1999-00 | 13.3 | 21.2 | 10.6 |
| 2000-01 | 17.0 | 19.2 | 16.2 |
| 2001-02 | 12.5 | 9.7 | 13.5 |
| 2002-03 | 8.1 | -4.4 | 12.7 |
| 2003-04 | 14.6 | 16.1 | 14.1 |
| 2004-05 | 17.4 | 19.1 | 16.8 |
| 2005-06 | 20.3 | 27.0 | 18.1 |
| 2006-07 | 14.8 | 14.4 | 15.0 |
| 2007-08 | 20.9 | 9.4 | 24.9 |
| 2008-09 | 16.0 | 20.6 | 14.6 |
| 2009-10 | 17.9 | -1.7 | 24.2 |

***Source: Bangladesh Bank***

**Table 44: Interest Rates**

(Percentage per annum)

| Period | Commercial Lending Rate (%) | Deposit Interest Rate (%) (Three months to less than six months) | Bank Rate |
|---|---|---|---|
| 1974-75 | 11.28 | 3.51 | 8.00 |
| 1975-76 | 11.62 | 4.23 | 8.00 |
| 1976-77 | 11.03 | 4.32 | 8.00 |
| 1977-78 | 10.66 | 4.22 | 8.00 |
| 1978-79 | 11.12 | 4.27 | 8.00 |
| 1979-80 | 11.04 | 4.31 | 10.50 |
| 1980-81 | 13.07 | 6.98 | 10.50 |
| 1981-82 | 13.53 | 7.29 | 10.50 |
| 1982-83 | 13.55 | 7.36 | 10.50 |
| 1983-84 | 13.75 | 8.11 | 10.50 |
| 1984-85 | 14.5 | 8.13 | 11.25 |
| 1985-86 | 14.66 | 8.54 | 10.75 |
| 1986-87 | 14.7 | 8.59 | 10.75 |
| 1987-88 | 14.66 | 8.69 | 10.75 |
| 1988-89 | 14.68 | 8.88 | 10.75 |
| 1989-90 | 14.83 | 9.06 | 9.75 |
| 1990-91 | 14.99 | 9.11 | 9.25 |
| 1991-92 | 15.12 | 8.11 | 8.50 |
| 1992-93 | 14.39 | 6.51 | 6.00 |
| 1993-94 | 12.78 | 5.34 | 5.50 |
| 1994-95 | 12.22 | 4.86 | 6.00 |
| 1995-96 | 13.41 | 6.11 | 7.00 |
| 1996-97 | 13.69 | 6.67 | 8.00 |
| 1997-98 | 12.96 | 8.93 | 8.00 |
| 1998-99 | 13.09 | 9.54 | 7.00 |
| 1999-00 | 13.03 | 8.64 | 7.00 |
| 2000-01 | 12.62 | 8.85 | 7.00 |
| 2001-02 | 13.02 | 9.12 | 6.00 |
| 2002-03 | 12.24 | 7.51 | 5.00 |
| 2003-04 | 11.16 | 6.38 | 5.00 |
| 2004-05 | 10.52 | 5.51 | 5.00 |
| 2005-06 | 11.06 | 5.77 | 5.00 |
| 2006-07 | 12.28 | 6.51 | 5.00 |
| 2007-08 | 12.63 | 7.23 | 5.00 |
| 2008-09 | 13.36 | 7.97 | 5.00 |
| 2009-10 | 12.75 | 7.34 | 5.00 |

***Source: Bangladesh Bank***

**Table 45: Average Exchange Rate**

| Period | Taka per US Dollar |
|---|---|
| 1971/72 | 7.30 |
| 1972/73 | 7.88 |
| 1973/74 | 7.97 |
| 1974/75 | 8.88 |
| 1975/76 | 15.05 |
| 1976/77 | 15.43 |
| 1977/78 | 15.12 |
| 1978/79 | 15.22 |
| 1979/80 | 15.49 |
| 1980/81 | 16.26 |
| 1981/82 | 20.07 |
| 1982/83 | 23.80 |
| 1983/84 | 24.94 |
| 1984/85 | 25.96 |
| 1985/86 | 29.89 |
| 1986/87 | 30.63 |
| 1987/88 | 31.24 |
| 1988/89 | 32.14 |
| 1989/90 | 32.92 |
| 1990/91 | 35.68 |
| 1991/92 | 38.15 |
| 1992/93 | 39.14 |
| 1993/94 | 40.00 |
| 1994/95 | 40.20 |
| 1995/96 | 40.84 |
| 1996/97 | 42.70 |
| 1997/98 | 45.46 |
| 1998/99 | 48.06 |
| 1999/00 | 50.31 |
| 2000/01 | 53.96 |
| 2001/02 | 57.43 |
| 2002/03 | 57.90 |
| 2003/04 | 58.94 |
| 2004/05 | 61.39 |
| 2005/06 | 67.08 |
| 2006/07 | 69.03 |
| 2007/08 | 68.60 |
| 2008/09 | 68.72 |
| 2009/10 | 69.40 |

***Source: Economic Review, Ministry of Finance.***

**Table 46: Yearly Average Consumer Price Index (CPI)**

(1995/96=100)

| | National | | | Urban | | | Rural | | |
|---|---|---|---|---|---|---|---|---|---|
| **Period** | **General** | **Food, beverage & tobacco** | **Non-food** | **General** | **Food, beverage & tobacco** | **Non-food** | **General** | **Food, beverage & tobacco** | **Non-food** |
| **1971/72** | 6.82 | | | | | | | | |
| **1972/73** | 10.17 | | | | | | | | |
| **1973/74** | 15.74 | | | | | | | | |
| **1974/75** | 19.15 | | | | | | | | |
| **1975/76** | 19.63 | | | | | | | | |
| **1976/77** | 20.53 | | | | | | | | |
| **1977/78** | 21.61 | | | | | | | | |
| **1978/79** | 24.78 | | | | | | | | |
| **1979/80** | 28.13 | | | | | | | | |
| **1980/81** | 32.68 | | | | | | | | |
| **1981/82** | 36.75 | | | | | | | | |
| **1982/83** | 40.22 | | | | | | | | |
| **1983/84** | 44.47 | | | | | | | | |
| **1984/85** | 49.20 | | | | | | | | |
| **1985/86** | 54.64 | | | | | | | | |
| **1986/87** | 59.85 | 61.04 | 57.88 | | | | | | |
| **1987/88** | 63.66 | 65.24 | 60.99 | | | | | | |
| **1988/89** | 69.01 | 70.67 | 66.20 | | | | | | |
| **1989/90** | 71.67 | 72.46 | 70.44 | | | | | | |
| **1990/91** | 77.63 | 78.31 | 76.59 | | | | | | |
| **1991/92** | 81.17 | 81.58 | 80.63 | | | | | | |
| **1992/93** | 83.39 | 83.10 | 84.11 | | | | | | |
| **1993/94** | 86.12 | 85.55 | 87.40 | | | | | | |
| **1994/95** | 93.76 | 93.49 | 94.54 | | | | | | |
| **1995/96** | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| **1996/97** | 103.96 | 103.67 | 104.47 | 104.50 | 104.53 | 104.46 | 103.74 | 103.32 | 104.47 |
| **1997/98** | 112.96 | 114.51 | 110.73 | 112.08 | 114.00 | 110.25 | 113.31 | 114.72 | 110.93 |
| **1998/99** | 120.94 | 125.16 | 115.10 | 119.41 | 125.55 | 113.56 | 121.57 | 125.00 | 115.73 |
| **1999/00** | 124.31 | 128.52 | 118.64 | 123.82 | 130.68 | 117.29 | 124.58 | 127.63 | 119.19 |
| **2000/01** | 126.72 | 130.30 | 122.25 | 125.70 | 133.15 | 118.61 | 127.21 | 129.13 | 123.75 |
| **2001/02** | 130.26 | 132.43 | 127.89 | 129.92 | 135.93 | 124.19 | 130.48 | 130.99 | 129.41 |
| **2002/03** | 135.97 | 137.01 | 135.13 | 134.48 | 138.77 | 130.40 | 136.58 | 136.29 | 137.06 |
| **2003/04** | 143.90 | 146.50 | 141.03 | 142.54 | 149.61 | 135.81 | 144.47 | 145.22 | 143.18 |
| **2004/05** | 153.23 | 158.08 | 147.14 | 151.29 | 161.14 | 141.90 | 154.03 | 156.82 | 149.29 |
| **2005/06** | 164.21 | 170.34 | 156.56 | 161.39 | 174.18 | 149.20 | 165.37 | 168.77 | 159.59 |
| **2006/07** | 176.04 | 184.16 | 165.79 | 172.72 | 189.03 | 157.17 | 177.41 | 182.16 | 169.33 |
| **2007/08** | 193.54 | 206.78 | 176.26 | 189.65 | 213.73 | 166.69 | 195.14 | 203.93 | 180.19 |
| **2008/09** | 206.43 | 221.64 | 186.67 | 201.49 | 229.60 | 174.69 | 208.46 | 218.38 | 191.59 |
| **2009/10** | 221.53 | 240.55 | 196.84 | 217 | 251.59 | 183.17 | 222.98 | 235.28 | 202.06 |

***Source: Bangladesh Bureau of Statistics***

**Table 47: Nominal Wage Rate Indices**

(1969-70=100)

| Year | General | Manufacturing Industry | Construction | Agriculture |
|---|---|---|---|---|
| **1969-70** | 100.0 | 100.0 | 100.0 | 100.0 |
| **1970-71** | 105.3 | 107.3 | 102.1 | 105.1 |
| **1971-72** | 106.5 | 109.6 | 108.4 | 99.7 |
| **1972-73** | 130.7 | 134.4 | 132.3 | 128.8 |
| **1973-74** | 173.1 | 161.2 | 201.1 | 185.6 |
| **1974-75** | 221.3 | 192.4 | 263.7 | 261.4 |
| **1975-76** | 244.0 | 204.9 | 305.3 | 279.2 |
| **1976-77** | 252.1 | 222.4 | 310.8 | 267.7 |
| **1977-78** | 279.8 | 251.3 | 333.9 | 311.6 |
| **1978-79** | 321.2 | 294.3 | 393.3 | 342.1 |
| **1979-80** | 432.9 | 389.0 | 491.7 | 443.3 |
| **1980-81** | 492.1 | 452.3 | 544.6 | 482.0 |
| **1981-82** | 566.2 | 515.3 | 616.3 | 566.9 |
| **1982-83** | 598.0 | 558.0 | 677.0 | 558.0 |
| **1983-84** | 684.0 | 721.0 | 755.0 | 572.0 |
| **1984-85** | 734.0 | 776.0 | 775.0 | 642.0 |
| **1985-86** | 895.0 | 958.0 | 938.0 | 767.0 |
| **1986-87** | 1085.0 | 1154.0 | 1122.0 | 941.0 |
| **1987-88** | 1201.0 | 1220.0 | 1326.0 | 1049.0 |
| **1988-89** | 1288.0 | 1325.0 | 1452.0 | 1115.0 |
| **1989-90** | 1426.0 | 1502.0 | 1475.0 | 1245.0 |
| **1990-91** | 1482.0 | 1575.0 | 1487.0 | 1321.0 |
| **1991-92** | 1553.0 | 1641.0 | 1512.0 | 1425.0 |
| **1992-93** | 1638.0 | 1724.0 | 1579.0 | 1523.0 |
| **1993-94** | 1709.0 | 1828.0 | 1598.0 | 1593.0 |
| **1994-95** | 1786.0 | 1947.0 | 1613.0 | 1653.0 |
| **1995-96** | 1900.0 | 2064.0 | 1754.0 | 1738.0 |
| **1996-97** | 1989.0 | 2161.0 | 1848.0 | 1804.0 |
| **1997-98** | 2141.0 | 2395.0 | 1990.0 | 1870.0 |
| **1998-99** | 2259.0 | 2522.0 | 2163.0 | 1950.0 |
| **1999-00** | 2390.0 | 2702.0 | 2286.0 | 2037.0 |
| **2000-01** | 2489.0 | 2832.0 | 2356.0 | 2141.0 |
| **2001-02** | 2637.0 | 3035.0 | 2444.0 | 2262.0 |
| **2002-03** | 2926.0 | 3501.0 | 2624.0 | 2443.0 |
| **2003-04** | 3111.0 | 3765.0 | 2669.0 | 2582.0 |
| **2004-05** | 3293.0 | 4015.0 | 2758.0 | 2719.0 |
| **2005-06** | 3906.0 | 4293.0 | 2889.0 | 2925.0 |
| **2006-07** | 3779.0 | 4636.0 | 3135.0 | 3156.0 |
| **2007-08** | 4227.0 | 5197.0 | 3549.0 | 3524.0 |
| **2008-09** | 5025.7 | 6128.4 | 4311.3 | 4273.7 |

***Source: Bangladesh Bureau of Statistics***

**Table 48: Nominal Price of Rice**

(Taka per KG)

| Period | Wholesale Price | Retail Price |
|---|---|---|
| 1970-71 | 0.99 | 1.08 |
| 1971-72 | 1.32 | 1.44 |
| 1972-73 | 2.09 | 2.28 |
| 1973-74 | 2.83 | 3.09 |
| 1974-75 | 5.78 | 6.32 |
| 1975-76 | 3.38 | 3.63 |
| 1976-77 | 3.02 | 3.38 |
| 1977-78 | 3.88 | 4.16 |
| 1978-79 | 4.08 | 4.72 |
| 1979-80 | 5.40 | 5.41 |
| 1980-81 | 4.51 | 4.85 |
| 1981-82 | 5.91 | 6.34 |
| 1982-83 | 6.42 | 6.90 |
| 1983-84 | 7.07 | 7.60 |
| 1984-85 | 7.68 | 8.25 |
| 1985-86 | 8.04 | 8.64 |
| 1986-87 | 9.62 | 10.01 |
| 1987-88 | 10.05 | 10.91 |
| 1988-89 | 9.81 | 10.93 |
| 1989-90 | 9.60 | 10.68 |
| 1990-91 | 10.59 | 11.68 |
| 1991-92 | 11.08 | 12.13 |
| 1992-93 | 9.42 | 11.27 |
| 1993-94 | 9.60 | 11.10 |
| 1994-95 | 12.28 | 13.18 |
| 1995-96 | 12.58 | 13.74 |
| 1996-97 | 10.87 | 11.81 |
| 1997-98 | 12.09 | 13.68 |
| 1998-99 | 13.66 | 15.46 |
| 1999-00 | 12.28 | 13.94 |
| 2000-01 | 11.75 | 13.34 |
| 2001-02 | 11.49 | 13.25 |
| 2002-03 | 13.08 | 14.21 |
| 2003-04 | 13.43 | 14.49 |
| 2004-05 | 15.06 | 16.34 |
| 2005-06 | 16.50 | 17.58 |
| 2006-07 | 18.48 | 19.11 |
| 2007-08 | 24.74 | 27.87 |
| 2008-09 | 26.69 | 27.50 |

***Source: Bangladesh Bureau of Statistics***

## 6. Balance of Payments

**Table 49: Balance of Payments of Bangladesh**

| | FY 98 | FY 99 | FY 00 | FY 01 | FY 02 | FY 03 | FY 04 | FY 05 | FY 06 | FY 07 | FY 08 | FY 09 | FY 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Trade balance** | **-1669** | **-1934** | **-1865** | **-2011** | **-1768** | **-2215** | **-2319** | **-3297** | **-2889** | **-3458** | **-5541** | **-4708** | **-5152** |
| Export f.o.b.(including EPZ) | 5103 | 5283 | 5701 | 6419 | 5929 | 6492 | 7521 | 8573 | 10412 | 12053 | 13945 | 15583 | 16236 |
| Import f.o.b (including EPZ) | -6772 | -7217 | -7566 | -8430 | -7697 | -8707 | -9840 | -11870 | -13301 | -15511 | -19486 | -20291 | -21388 |
| **Services** | **-570** | **-603** | **-645** | **-914** | **-499** | **-691** | **-874** | **-870** | **-1023** | **-1255** | **-1525** | **-1621** | **-1237** |
| Receipts | 707 | 707 | 849 | 759 | 865 | 887 | 924 | 1177 | 1340 | 1484 | 1879 | 1832 | 2471 |
| Payments | -1277 | -1310 | -1494 | -1673 | -1364 | -1578 | -1798 | -2047 | -2363 | -2739 | -3404 | -3453 | -3708 |
| **Income** | **-100** | **-135** | **-302** | **-344** | **-402** | **-358** | **-374** | **-680** | **-702** | **-905** | **-1005** | **-1361** | **-1487** |
| Receipts | 91 | 91 | 97 | 97 | 50 | 64 | 63 | 116 | 136 | 244 | 221 | 95 | 52 |
| Payments | -191 | -226 | -399 | -441 | -452 | -422 | -437 | -796 | -838 | -1149 | -1226 | -1456 | -1539 |
| Of which : Official interest payments | | | | | -161 | -167 | -175 | -203 | -201 | -212 | -234 | -238 | -213 |
| **Current transfers** | **1876** | **2195** | **2394** | **2171** | **2826** | **3440** | **3743** | **4290** | **5438** | **6554** | **8743** | **10226** | **11610** |
| Official transfers | 126 | 220 | 165 | 72 | 69 | 82 | 61 | 37 | 125 | 97 | 127 | 72 | 122 |
| Private transfers | 1750 | 1975 | 2229 | 2099 | 2757 | 3358 | 3682 | 4253 | 5313 | 6457 | 8616 | 10154 | 11488 |
| Of which : Workers' remittances | 1525 | 1706 | 1949 | 1882 | 2847.658 | 3062 | 3372 | 3848 | 4802 | 5979 | 7915 | 9689 | 10987 |
| **Current Account Balance** | **-463** | **-477** | **-418** | **-1098** | **157** | **176** | **176** | **-557** | **824** | **936** | **672** | **2536** | **3734** |
| **Financial and Capital Account** | 605 | 17 | 445 | 1114 | 801 | 841 | 165 | 947 | 234 | 1252 | 145 | -357 | -869 |
| **Capital account** | **445** | **387** | **561** | **432** | **410** | **428** | **196** | **163** | **375** | **490** | **576** | **451** | **442** |
| Capital transfers | 445 | 387 | 561 | 432 | 410 | 428 | 196 | 163 | 375 | 490 | 576 | 451 | 442 |
| **Financial account** | **160** | **-370** | **-116** | **682** | **391** | **413** | **-31** | **784** | **-141** | **762** | **-431** | **-808** | **-1311** |
| Foreign direct investment (net) | 249 | 198 | 383 | 550 | 391 | 376 | 276 | 800 | 743 | 793 | 650 | 941 | 636 |
| Portfolio investment | 3 | -6 | 0 | 0 | -6 | 2 | 6 | 0 | 32 | 106 | 48 | -159 | -117 |
| **Medium and Long Term loans** | **659** | **780** | **933** | **777** | **298** | **466** | **147** | **491** | **535** | **512** | **758** | **563** | **914** |
| Disbursement | 706 | 821 | 806 | 790 | 733 | 918 | 544 | 940 | 1023 | 1037 | 1338 | 1204 | 1601 |
| Amortization | -47 | -41 | 127 | -13 | -435 | -452 | -397 | -449 | -488 | -525 | -580 | -641 | -687 |
| **Other Capital** | -751 | -1342 | -1432 | -645 | -292 | -431 | -460 | -507 | -1451 | -649 | -1887 | -2153 | -2188 |
| o/w Short-term oil import credit (net) | -41 | -58 | -190 | -114 | 63 | 142 | 13 | 241 | -256 | 493 | -160 | -169 | 205 |
| o/w Trade credits (net) | 29 | -61 | -276 | 114 | -253 | -499 | -321 | -320 | -898 | -481 | -1010 | -1280 | -1045 |
| o/w Commercial banks (net) | -90 | -31 | -161 | 147 | 27 | 71 | 14 | -200 | 235 | -102 | -133 | 26 | -315 |
| **Errors and omissions** | -88 | 267 | 152 | -297 | -550 | -202 | -170 | -323 | -720 | -695 | -213 | -121 | -556 |
| **Overall Balance** | **54** | **-193** | **179** | **-281** | **408** | **815** | **171** | **67** | **338** | **1493** | **604** | **2058** | **2865** |

***Source: Bangladesh Bank***

# B. Poverty and Social Safety Net Block

## 1. Poverty

**Table 50: Incidence of poverty**

| Numbers of Population with Daily Calorie Intake/Person (Millions) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **YEAR** | **1973** | **1981** | **1983** | **1985** | **1988** | **1991** | **1995** | **2000** | **2005** |
| **2122 calories** | | | | | | | | | |
| Rural | 57.4 | 60.9 | 47.0 | 44.2 | 40.5 | 44.8 | 45.7 | 42.6 | 41.2 |
| Urban | 5.6 | 6.4 | 7.1 | 7.0 | 10.8 | 6.8 | 9.6 | 13.2 | 14.8 |
| National | 63.0 | 67.3 | 54.1 | 51.2 | 51.3 | 51.6 | 55.3 | 55.9 | 56.0 |
| **1805 calories** | | | | | | | | | |
| Rural | 30.7 | 43.1 | 31.3 | 19.1 | 24.9 | 26.6 | 23.9 | 18.9 | 18.7 |
| Urban | 2.0 | 3.0 | 3.8 | 2.4 | 5.0 | 3.8 | 5.2 | 6.3 | 8.3 |
| National | 32.7 | 46.1 | 35.1 | 21.5 | 29.9 | 30.4 | 29.1 | 25.2 | 27.0 |
| Percentage of Population with Daily Calorie Intake/Person | | | | | | | | | |
| **YEAR** | **1973** | **1981** | **1983** | **1985** | **1988** | **1991** | **1995** | **2000** | **2005** |
| **2122 calories** | | | | | | | | | |
| Rural | 83.0 | 74.0 | 57.0 | 51.0 | 48.0 | 47.6 | 47.1 | 42.3 | 39.5 |
| Urban | 81.0 | 66.0 | 66.0 | 56.0 | 44.0 | 46.7 | 49.7 | 52.5 | 43.2 |
| National | 92.0 | 73.0 | 58.0 | 52.0 | 47.0 | 47.5 | 47.5 | 44.3 | 40.4 |
| **1805 calories** | | | | | | | | | |
| Rural | 44.0 | 52.0 | 38.0 | 22.0 | 30.0 | 28.3 | 24.6 | 18.7 | 17.9 |
| Urban | 29.0 | 31.0 | 35.0 | 19.0 | 21.0 | 26.3 | 27.3 | 25.0 | 24.4 |
| National | 48.0 | 50.0 | 38.0 | 22.0 | 27.0 | 30.4 | 29.1 | 25.2 | 27.0 |

***Source: Household Expenditure Survey,2000 BBS;2005-HIES***

**Table 50-incidence of poverty (contd.)**

| Head Count Ratio (Cost of Basic Needs Method) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **YEAR** | **1973** | **1981** | **1983** | **1985** | **1991** | **1995** | **2000** | **2005** | **2010** |
| **Using the Lower Poverty Line** | | | | | | | | | |
| Rural | - | - | - | - | 43.7 | 39.4 | 37.9 | 28.6 | 21.1 |
| Urban | - | - | - | - | 23.6 | 13.7 | 20.0 | 14.6 | 7.7 |
| National | - | - | - | - | 41 | 35.1 | 34.3 | 25.1 | 17.6 |
| **Using the Upper Poverty Line** | | | | | | | | | |
| Rural | - | - | - | - | 58.7 | 54.5 | 52.3 | 43.8 | 35.16 |
| Urban | - | - | - | - | 42.7 | 27.8 | 35.2 | 28.4 | 21.28 |
| National | - | - | - | - | 56.6 | 50.1 | 48.9 | 40.0 | 31.50 |

***Source: Household Expenditure Survey,2000 BBS;2005-HIES;2010-HIES***

**Table 51: Percentile Distribution of Income and Gini Coefficient**

| | 1983-84 | 1985-86 | 1988-89 | 1991-92 | 1995-96 | 2000 | 2005 |
|---|---|---|---|---|---|---|---|
| **National** | | | | | | | |
| Total National | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Lowest 5% | 1.17 | 1.18 | 1.06 | 1.03 | 0.88 | 0.92 | 0.77 |
| Decile 1 | 2.89 | 2.81 | 2.64 | 2.58 | 2.24 | 2.4 | 2 |
| Decile 2 | 4.31 | 4.18 | 4 | 3.94 | 3.47 | 3.75 | 3.26 |
| Decile 3 | 5.39 | 5.13 | 4.96 | 4.95 | 4.46 | 4.45 | 4.1 |
| Decile 4 | 6.36 | 6.05 | 5.93 | 5.94 | 5.37 | 5.23 | 5 |
| Decile 5 | 7.38 | 6.98 | 6.95 | 7.08 | 6.35 | 6.09 | 5.96 |
| Decile 6 | 3.56 | 8.09 | 8.1 | 8.45 | 7.53 | 7.08 | 7.17 |
| Decile 7 | 9.99 | 9.48 | 9.61 | 10 | 9.15 | 8.44 | 8.73 |
| Decile8 | 11.74 | 11.25 | 11.62 | 12.1 | 11.35 | 10.35 | 11.06 |
| Decile 9 | 15.08 | 14.58 | 15.2 | 15.64 | 15.4 | 13.93 | 15.07 |
| Decile10 | 28.3 | 31.46 | 31 | 29.23 | 34.68 | 38.14 | 37.64 |
| Top 10% | 18.3 | 21.35 | 20.51 | 18.85 | 23.62 | 28.66 | 26.93 |
| Gini Coeff. | 0.36 | 0.397 | 0.397 | 0.388 | 0.432 | 0.417 | 0.467 |
| **Rural** | | | | | | | |
| Total Rural | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Lowest 5% | 1.19 | 1.23 | 1.1 | 1.07 | 1 | 1.06 | 0.88 |
| Decile 1 | 2.95 | 2.92 | 2.74 | 2.67 | 2.56 | 2.77 | 2.25 |
| Decile 2 | 4.37 | 4.3 | 4.13 | 4.07 | 3.93 | 4.32 | 3.63 |
| Decile 3 | 5.46 | 5.3 | 5.1 | 5.1 | 4.97 | 5.23 | 4.54 |
| Decile 4 | 6.46 | 6.2 | 6.05 | 6.05 | 5.97 | 5.95 | 5.42 |
| Decile 5 | 7.53 | 7.16 | 7.21 | 7.21 | 6.98 | 6.82 | 6.43 |
| Decile 6 | 8.67 | 8.2 | 8.25 | 8.57 | 8.16 | 7.85 | 7.63 |
| Decile 7 | 10.11 | 9.55 | 9.69 | 10.28 | 9.75 | 9.07 | 9.27 |
| Decile 8 | 11.75 | 11.3 | 11.74 | 12.3 | 11.87 | 10.91 | 11.49 |
| Decile 9 | 14.81 | 14.07 | 15.1 | 15.71 | 15.58 | 14.07 | 15.43 |
| Decile10 | 27.89 | 31 | 30.08 | 28.04 | 30.23 | 32.95 | 33.92 |
| Top 5% | 18.14 | 21.36 | 19.81 | 17.8 | 19.73 | 24.12 | 23.03 |
| Gini Coeff. | 0.35 | 0.36 | 0.368 | 0.364 | 0.384 | 0.366 | 0.428 |
| **Urban** | | | | | | | |
| Total Urban | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Lowest 5% | 1.18 | 1.2 | 1.12 | 1.09 | 0.74 | 0.77 | 0.67 |
| Decile 1 | 2.82 | 2.84 | 2.76 | 2.64 | 1.92 | 1.99 | 1.8 |
| Decile 2 | 4.1 | 4.08 | 4.05 | 4.06 | 3.2 | 3.05 | 3.02 |
| Decile 3 | 5.02 | 5.09 | 4.91 | 5.01 | 4.06 | 3.84 | 3.87 |
| Decile 4 | 5.93 | 5.99 | 5.8 | 5.88 | 4.98 | 4.65 | 4.61 |
| Decile 5 | 7 | 7.04 | 6.84 | 6.8 | 6.97 | 5.58 | 5.66 |
| Decile 6 | 8.34 | 8.29 | 7.91 | 8.11 | 7.2 | 6.67 | 6.78 |
| Decile 7 | 10.09 | 10.3 | 9.42 | 9.66 | 8.98 | 8.24 | 8.53 |
| Decile 8 | 12.48 | 12.24 | 11.57 | 11.77 | 11.35 | 10.4 | 10.18 |
| Decile 9 | 16.39 | 15.73 | 15.56 | 15.64 | 16.29 | 13.92 | 14.48 |
| Decile10 | 27.83 | 28.41 | 31.19 | 30.43 | 36.05 | 41.62 | 41.08 |
| Top 5% | 16.83 | 18.04 | 20.02 | 19.42 | 24.3 | 32.4 | 30.37 |
| Gini Coeff. | 0.37 | 0.37 | 0.381 | 0.398 | 0.444 | 0.452 | 0.497 |

***Source: Household Expenditure Survey,2000 BBS;2005-HIES***

**Table 52: Dimensions of poverty by CBN method across regions (in percent)**

| Poverty line and Region | Poverty Gap | | | | | | Squared Poverty Gap | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | National | | Rural | | Urban | | National | | Rural | | Urban | |
| | 2000 | 2005 | 2000 | 2005 | 2000 | 2005 | 2000 | 2005 | 2000 | 2005 | 2000 | 2005 |
| **Lower poverty line** | | | | | | | | | | | | |
| **National** | **7.5** | **4.6** | **8.3** | **5.3** | **4.1** | **2.6** | **2.4** | **1.3** | **2.6** | **1.5** | **1.2** | **0.7** |
| Barisal | 6.9 | 9.1 | 7 | 9.6 | 4.9 | 6.4 | 1.9 | 3.3 | 2 | 3.4 | 1.6 | 2.6 |
| Chittagong | 5.7 | 2.2 | 6.3 | 2.7 | 3.6 | 0.9 | 1.7 | 0.5 | 1.9 | 0.6 | 1.1 | 0.2 |
| Dhaka | 8.1 | 3.5 | 10.5 | 4.9 | 3 | 1.5 | 2.6 | 1 | 3.5 | 1.4 | 0.8 | 0.3 |
| Khulna | 5.6 | 6.2 | 5.7 | 6.3 | 4.5 | 5.5 | 1.4 | 1.7 | 1.4 | 1.7 | 1.3 | 1.7 |
| Rajshahi | 10.4 | 6.4 | 10.5 | 6.5 | 7.8 | 5.5 | 3.5 | 1.8 | 3.6 | 1.8 | 2.7 | 1.6 |
| Sylhet | 4.4 | 3.4 | 4.4 | 3.7 | 4.5 | 1.9 | 1.1 | 0.8 | 1.1 | 0.8 | 1.2 | 0.5 |
| **Upper poverty line** | | | | | | | | | | | | |
| **National** | **12.8** | **9** | **13.7** | **9.8** | **9.1** | **6.5** | **4.6** | **2.9** | **4.9** | **3.1** | **3.3** | **2.1** |
| Barisal | 13.7 | 15.5 | 14.2 | 16.3 | 8.3 | 10.7 | 4.7 | 6.3 | 4.9 | 6.6 | 3.1 | 4.3 |
| Chittagong | 11.3 | 6.3 | 11.2 | 6.5 | 11.4 | 5.6 | 3.9 | 1.7 | 3.9 | 1.7 | 4.2 | 1.6 |
| Dhaka | 12.9 | 6.9 | 15.9 | 8.6 | 6.6 | 4 | 4.7 | 2.1 | 6 | 2.7 | 2.2 | 1.1 |
| Khulna | 10 | 10.8 | 10 | 10.4 | 10.3 | 12.3 | 3 | 3.5 | 2.9 | 3.2 | 3.7 | 4.6 |
| Rajshahi | 16.2 | 11.9 | 16.5 | 12 | 13.6 | 11.4 | 6.2 | 3.8 | 6.3 | 3.8 | 5.4 | 3.9 |
| Sylhet | 9.2 | 7.2 | 9 | 7.6 | 12.5 | 4.5 | 2.8 | 2.1 | 2.7 | 2.2 | 4.1 | 1.5 |

***Source: HIES, 2005***

**Table 53: Gini index of per capita expenditure**

| | **1991-92** | **1995-96** | **2000** | **2005** | **2010** |
|---|---|---|---|---|---|
| National | 0.26 | 0.31 | 0.334 | 0.332 | 0.321 |
| Urban | 0.31 | 0.37 | 0.373 | 0.365 | 0.338 |
| Rural | 0.25 | 0.27 | 0.279 | 0.284 | 0.275 |

***Source: HIES (different rounds)***

*Note:* 1) Nominal consumption are adjusted for spatial/regional price differences (deflated by Upper PL) to obtain "real" ginis for each year

2) Gini index for year *t* is half the ratio of mean absolute deviations (MAD) of per capita exp to the mean of the distribution in year *t*.

## 2. Social safety net tables

**Table 54: Targeted Agricultural and Specialized Credit Program through Public Sector Banks and Cooperatives**

(Taka in Crore)

| Year | BRDB & BSBL | Specialized Banks (Agricultural Development Banks) | State owned commercial Banks | Total public sector targeted credit disbursement | Share of Specialized Banks |
|---|---|---|---|---|---|
| 1999-00 | 408.31 | 1905.51 | 537.47 | 2851.29 | 66.83 |
| 2000-01 | 251.81 | 2189.88 | 577.98 | 3019.67 | 72.52 |
| 2001-02 | 313.7 | 2042.25 | 598.96 | 2954.91 | 69.11 |
| 2002-03 | 354.88 | 2243.1 | 680.39 | 3278.37 | 68.42 |
| 2003-04 | 502.48 | 2640.87 | 905.66 | 4049.01 | 65.22 |
| 2004-05 | 665.32 | 3149.32 | 1142.14 | 4956.78 | 63.54 |
| 2005-06 | 752.12 | 3551.66 | 1192.43 | 5496.21 | 64.62 |
| 2006-07 | 782.69 | 3482.02 | 1027.8 | 5292.51 | 65.79 |
| 2007-08 | 740.36 | 4061.12 | 1365.5 | 6166.98 | 65.85 |
| 2008-09 | 698.99 | 4703.69 | 1588.89 | 6991.57 | 67.28 |

***Source: Ministry Paper***

**Table 55: Trend in Number of Employment Abroad and Amount of Remittances**

| | | Amount of remittances | | | |
|---|---|---|---|---|---|
| Fiscal year | Number of employment abroad ('000) | Million (US $) | Percentage Change | Taka in Crore | Percentage Change |
| 1999-00 | 248 | 1949.32 | 14.28 | 9825.4 | 19.63 |
| 2000-01 | 213 | 1882.1 | -3.45 | 10266 | 4.48 |
| 2001-02 | 195 | 2503.44 | 32.81 | 14390.19 | 40.17 |
| 2002-03 | 251 | 3060.31 | 22.25 | 17719.58 | 23.14 |
| 2003-04 | 277 | 3372.49 | 10.2 | 19872.39 | 12.15 |
| 2004-05 | 250 | 3848.3 | 14.11 | 23646.97 | 18.99 |
| 2005-06 | 291 | 4801.88 | 24.78 | 32274.6 | 36.49 |
| 2006-07 | 564 | 5978.47 | 24.5 | 41298.5 | 27.96 |
| 2007-08 | 981 | 7914.78 | 32.39 | 54293.24 | 31.47 |
| 2008-09 | 650 | 9689.16 | 16.22 | 66674.87 | 22.8 |

***Source: Ministry Paper***

**Table 56: Bangladesh Micro Finance- Operational Outreach**

| (in million) | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Annual average change |
|---|---|---|---|---|---|---|---|
| Members | 17.75 | 20.68 | 24.37 | 29.00 | 33.14 | 35.87 | 13.77 |
| Borrowers | 13.45 | 15.61 | 18.96 | 25.99 | 29.05 | 29.28 | 17.34 |
| MFI branches (No.) | 6,837 | 9,165 | 9,253 | 11,368 | 14,577 | 14,577 | 15.38 |

***Source: Background Study by BIDS***

**Table 57: Financial outreach of the MFIs, 2003-08**

| (Tk. In billion) | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Annual growth rate |
|---|---|---|---|---|---|---|---|
| Loans disbursement | 60.85 | 69.16 | 92.59 | 124.44 | 176.45 | 209.18 | 26.51 |
| Loans Oustanding (LO) | 52.5 | 64.4 | 83.7 | 110.9 | 138.6 | 158.8 | 23.21 |
| Net Savings (NS) | 28.9 | 38.5 | 52.0 | 73.1 | 87.8 | 104.4 | 26.39 |
| NS as % of LO | 55.1 | 59.8 | 62.1 | 65.9 | 63.3 | 65.7 | |
| LO/Borrowers (Tk) | | 4,087 | 4,231 | 4345 | 4536 | 5106 | 9.17 |
| NS/Borrowers (Taka) | | 2324 | 2615 | 2275 | 2926 | 3296 | 12.61 |

***Source: Background Study by BIDS***

**Table 58: Social Protection Programs in Bangladesh, 2009/10**

| Sl. No. | Number of total beneficiaries | 93.84 million persons |
|---|---|---|
| 1. | Beneficiaries in terms of man-month | 28.71 million |
| 2. | Total employment creation | 2.385 million |
| 3. | Estimated budget for Social Protection: | 1732.73 billion |
| 4. | Estimated National Budget | 11381.9 billion |
| 5. | SP budget as percentage of total budget: | 15.22 % |
| 6. | Total GDP | 68673.00 billion |
| 7. | SP budget as percentage of GDP | 2.52 % |

***Souce: Ministry of Finance, Budget Documents***

**Table 59: Serious Floods and Damages in the Last 25 Years**

| **Year** | **Inundated Area (sq.km)** | **Damages** | |
|---|---|---|---|
| | | **(m.US $)** | **Deaths (no.)** |
| 1984 | 50000 | 380 | 0 |
| 1987 | 50000 | 1000 | 2050 |
| 1988 | 85000 | 1200 | 2000-6500 |
| 1998 | 100000 | 2800 | 1100 |
| 2004 | 55000 | 2000 | 700 |
| 2007 | 32000 | 1000 | 650 |

***Source: Zulfiqar (2009)***

# C. Human Development

## 1. Education

**Table 60: Population Size and Growth Rates, 1951- 2001**

| Census Year | 1951 | 1961 | 1974 | 1981 | 1991 | 2001 |
|---|---|---|---|---|---|---|
| Population size (Million) | 44.1 | 55.2 | 76.3 | 89.9 | 111.5 | 130.0 |
| Annual Growth rate in Percent | | 2.27 | 2.52 | 2.37 | 2.18 | 1.54 |

***Source: Bangladesh Bureau of Statistics***

**Table 60: Age Sex Composition of Population by Age Group, 2001**

| Age group | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30+ | 100.0 |
|---|---|---|---|---|---|---|---|---|
| Male % | 13.1 | 13.8 | 13.2 | 9.9 | 7.6 | 7.7 | 34.7 | 100.0 |
| Female % | 12.9 | 13.3 | 12.4 | 9.5 | 10.1 | 9.8 | 32.0 | 100.0 |
| Both | 13.0 | 13.5 | 12.7 | 9.7 | 9.7 | 8.7 | 32.7 | 100.0 |

***Source: Bangladesh Bureau of Statistics***

**Table 61: Population Projection of Bangladesh (2006-2051)**

| Year | A | | | B | | |
|---|---|---|---|---|---|---|
| | Male | Female | Total | Male | Female | Total |
| 2006 | 73.0 | 68.8 | 141.8 | 73.1 | 68.9 | 142.0 |
| 2011 | 77.9 | 73.6 | 151.4 | 78.7 | 74.4 | 153.1 |
| 2016 | 82.7 | 78.3 | 161.0 | 84.0 | 79.6 | 163.6 |
| 2021 | 88.1 | 83.7 | 171.7 | 89.4 | 84.9 | 174.3 |
| 2026 | 93.4 | 88.9 | 182.2 | 94.7 | 90.2 | 184.9 |
| 2031 | 98.1 | 93.5 | 191.6 | 99.7 | 35.0 | 194.7 |
| 2036 | 102.1 | 97.5 | 199.5 | 104.0 | 99.3 | 203.3 |
| 2041 | 105.6 | 100.9 | 206.5 | 107.9 | 103.1 | 211.0 |
| 2046 | 108.9 | 104.0 | 212.9 | 111.5 | 106.3 | 217.8 |
| 2051 | 112 | 106.7 | 218.6 | 114.7 | 109.2 | 223.9 |

***Source: FRWPD, 2008***

**Table 62: Population Projection of Bangladesh by 5 year Age Group 2006-2021 (Million)**

| Age Group | 2006 | | | 2010 | | | 2015 | | | 2020 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 0-4 | 8.02 | 7.53 | 15.55 | 7.27 | 6.82 | 14.09 | 7.33 | 6.86 | 14.19 | 7.65 | 7.18 | 14.83 |
| 5-9 | 8.6 | 7.91 | 16.51 | 8.01 | 7.50 | 15.51 | 7.12 | 6.66 | 13.78 | 7.07 | 6.61 | 13.68 |
| 10-14 | 9.21 | 8.30 | 17.51 | 8.67 | 7.97 | 16.64 | 7.97 | 7.44 | 15.41 | 7.16 | 6.69 | 1385 |
| 15-19 | 8.80 | 7.76 | 16.56 | 9.08 | 8.18 | 17.26 | 8.45 | 7.76 | 16.21 | 7.98 | 7.43 | 15.41 |
| 20-24 | 6.57 | 5.91 | 12.48 | 8.24 | 7.35 | 15.59 | 8.61 | 8.16 | 16.77 | 8.64 | 7.92 | 16.56 |
| 25-29 | 5.07 | 6.31 | 11.38 | 6.24 | 5.78 | 12.20 | 8.22 | 7.29 | 15.51 | 9.04 | 8.10 | 17.14 |
| 30+ | 26.76 | 25.07 | 51.83 | 29.18 | 28.73 | 57.91 | 33.97 | 33.19 | 67.16 | 39.40 | 38.64 | 78.04 |
| Total | 73.03 | 68.77 | 141.8 | 76.87 | 72.33 | 149.20 | 81.67 | 77.36 | 159.03 | 86.44 | 82.57 | 163.51 |

***Source: Based on Table 19, FRWPD, 2009.***

**Table 63: Projected Pre-primary Age- (4-5) Population 2005-2020** (Million).

| Year | 2005 | 2006 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|
| Boys | 3.25 | 3.32 | 3.06 | 2.89 | 2.94 |
| Girls | 3.15 | 3.09 | 2.86 | 2.70 | 2.76 |
| Both | 6.40 | 6.41 | 5.92 | 5.59 | 5.70 |

**Table 64: Projection Primary Age Population (6-10) of Bangladesh for 2006-2020** (in Million)

| Year | 2005 | 2006 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|
| Boys | 8.4 | 8.73 | 8.05 | 7.71 | 7.63 |
| Girls | 7.82 | 8.03 | 7.83 | 7.50 | 7.42 |
| Both | 15.86 | 16.76 | 15.88 | 15.21 | 15.05 |

***Source: CPD (2003).***

**Table 65: Projected 11-13 year age group population for 2005-2020** (in Million).

| Year | 2005 | 2006 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|
| Boys | 4.72 | 4.74 | 4.823 | 4.802 | 4.549 |
| Girls | 4.59 | 4.61 | 4.660 | 4.670 | 4.423 |
| Both | 9.31 | 9.35 | 9.483 | 9.472 | 8.97 |

***Source: CPD (2003).***

**Table 66: Projection 14-15 years age group and 11-15 year age group population for 2006-2020**

(in Million).

| Year | 14-15, year, Population | | | | | 11-15 year age group population | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2005 | 2006 | 2010 | 2015 | 2020 | 2005 | 2006 | 2010 | 2015 | 2020 |
| Boys | 3.15 | 3.16 | 3.20 | 3.21 | 3.11 | 7.87 | 7.90 | 8.02 | 8.01 | 7.66 |
| Girls | 3.03 | 3.03 | 3.09 | 3.08 | 2.99 | 7.62 | 7.64 | 7.75 | 7.75 | 7.41 |
| Both | 6.18 | 6.19 | 6.29 | 6.29 | 6.10 | 15.49 | 15.54 | 15.77 | 15.76 | 15.07 |

**Table 67: Projection Population for the 16- 17 years age group for 2006-2020** (Million)

| **Year** | **2005** | **2006** | **2010** | **2015** | **2020** |
|---|---|---|---|---|---|
| Boys | 3.158 | 3.151 | 3.123 | 3.20 | 3.17 |
| Girls | 3.00 | 2.995 | 2.973 | 3.04 | 3.02 |
| Both | 6.158 | 6.15 | 6.10 | 6.24 | 6.19 |

***Source: CPD (2003).***

**Table 68: Projected 18-21 and 22-24 Age Group Population for 2006-2020** (in Million)

| **Year** | **18-21 Age Group** | | | | **22-24 Age Group** | | | |
|---|---|---|---|---|---|---|---|---|
| | 2005 | 2010 | 2015 | 2020 | 2005 | 2010 | 2015 | 2020 |
| Boys | 6.33 | 6.23 | 6.24 | 6.22 | 4.75 | 4.68 | 4.62 | 4.71 |
| Girls | 5.99 | 5.95 | 6.00 | 6.06 | 4.51 | 4.54 | 4.54 | 4.59 |
| Both | 12.32 | 12.18 | 12.24 | 12.28 | 9.26 | 9.22 | 9.16 | 9.30 |

***Source: CPD (2003)***

**Table 70: Time series data of Pre Primary Students (2001-2008)** Continued

| **Sch_type** | **2001** | | | **2002** | | | **2003** | | | **2004** | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** |
| Govt. Primary School | 348606 | 340529 | 689135 | 383750 | 375811 | 759561 | 287150 | 283970 | 571120 | 269516 | 269123 | 538639 |
| Regd. NGPS | | | | | | | | | | 137740 | 136833 | 274573 |
| Non-regd. NGPS | | | | | | | | | | 10479 | 10410 | 20889 |
| Experimental Schools | | | | | | | | | | 0 | 0 | 0 |
| Ebtedaee Madrashas | | | | | | | | | | 32940 | 31958 | 64898 |
| Kindergarten | 339958 | 319895 | 659853 | 341568 | 322604 | 664172 | 306237 | 290084 | 596321 | 47639 | 36159 | 83798 |
| NGO Schools | | | | | | | | | | 3722 | 3768 | 7490 |
| Community Schools | | | | | | | | | | 16455 | 16886 | 33341 |
| Primary of High Madrashas | | | | | | | | | | 33015 | 30620 | 63635 |
| Primary of High Schools | | | | | | | | | | 14163 | 14450 | 28613 |
| Total: | 688564 | 660424 | 1348988 | 725318 | 698415 | 1423733 | 593387 | 574054 | 1167441 | 565669 | 550207 | 1115876 |

***Source: DPE***

**Table 69: continued**

| Sch_type | 2005 | | | 2006 | | | 2007 | | | 2008 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| Govt. Primary School | 257421 | 260517 | 517938 | 174240 | 175599 | 349839 | 158626 | 159906 | 318532 | 153272 | 155766 | 309038 |
| Regd. NGPS | 132081 | 131768 | 263849 | 82824 | 81980 | 164804 | 71500 | 71181 | 142681 | 73943 | 73936 | 147879 |
| Non-regd. NGPS | 10669 | 10494 | 21163 | 11113 | 10753 | 21866 | 6414 | 6175 | 12589 | 5005 | 4648 | 9653 |
| Experimental Schools | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | 20 |
| Ebtedaee Madrashas | 32116 | 30967 | 63083 | | | 0 | | | 0 | | | 0 |
| Kindergarten | 56055 | 42973 | 99028 | 64328 | 49836 | 114164 | 58581 | 44946 | 103527 | 77269 | 61159 | 138428 |
| NGO Schools | 4053 | 4212 | 8265 | 4519 | 4717 | 9236 | 2941 | 2961 | 5902 | 3075 | 3018 | 6093 |
| Community Schools | 16086 | 16767 | 32853 | 11079 | 11559 | 22638 | 9272 | 9538 | 18810 | 8471 | 10297 | 18768 |
| Primary of High Madrashas | 33228 | 31500 | 64728 | | | 0 | | | 0 | | | 0 |
| Primary of High Schools | 15128 | 15360 | 30488 | | | 0 | | | 0 | 13139 | 13198 | 26337 |
| Total: | 556837 | 544558 | 1101395 | 348103 | 334444 | 682547 | 307334 | 294707 | 602041 | 334186 | 322030 | 656216 |

***Source: DPE***

**Table 70: Projection of Pre-Primary Education Enrolment, 2010, 2015, 2020**

| Year | Assumption 1 | | | Assumption 2 | | |
|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2010 | 2015 | 2020 |
| Boys | 397046 | 610904 | 939952 | 765000 | 1445000 | 2646000 |
| Girls | 382604 | 588684 | 905763 | 715000 | 1350000 | 2484000 |
| Total | 779650 | 1199588 | 1845715 | 1480000 | 279000 | 5730000 |

***Source: BIDS background Study***

**Table 71: Primary Education Statistics of Schools, Teachers, Student by Type of School and Gender: 2008.**

| School type | No. of Schools | Working Teachers | | Class 1 | | Class 2 | |
|---|---|---|---|---|---|---|---|
| | | Total | Female | Total | Girls | Total | Girls |
| Govt. Primary School | 37672 | 182899 | 96543 | 2459076 | 1225076 | 2137612 | 1087888 |
| Regd. NGPS | 20083 | 76875 | 25299 | 1011770 | 799422 | 798687 | 401355 |
| Non-regd. NGPS | 966 | 2460 | 1579 | 29333 | 14236 | 22823 | 11189 |
| Experimental Schools | 54 | 221 | 91 | 2112 | 1067 | 2170 | 1134 |
| Ebtedaee Madrashas | 6726 | 28227 | 2987 | 278469 | 134581 | 228520 | 112664 |
| Kindergarten | 2987 | 16980 | 9937 | 63670 | 27697 | 53992 | 23440 |
| NGO Schools | 408 | 763 | 503 | 6776 | 3359 | 5885 | 2971 |
| Community Schools | 3263 | 8772 | 6513 | 130250 | 64624 | 98326 | 49418 |
| Primary of High Madrashas | 8920 | 35707 | 3734 | 256280 | 114786 | 240003 | 109791 |
| Primary of High Schools | 1139 | 13021 | 5855 | 45358 | 24256 | 47049 | 24709 |
| **Total:** | **82218** | **365925** | **153041** | **4283094** | **2109104** | **3635067** | **1824559** |

**Table 72: Continued**

| School type | Class 3 | | Class 4 | | Class 5 | | Class 1-5 | |
|---|---|---|---|---|---|---|---|---|
| | Total | Girls | Total | Girls | Total | Girls | Total | Girls |
| Govt. Primary School | 1995109 | 1031280 | 1740566 | 913859 | 1205208 | 635112 | 9537571 | 4893215 |
| Regd. NGPS | 680570 | 346654 | 595155 | 305012 | 386617 | 201108 | 3472799 | 1753551 |
| Non-regd. NGPS | 19543 | 9685 | 16157 | 8031 | 11708 | 5905 | 99564 | 49046 |
| Experimental Schools | 2263 | 1145 | 2031 | 994 | 1770 | 828 | 10346 | 5168 |
| Ebtedaee Madrashas | 185463 | 90352 | 131663 | 63665 | 94950 | 46141 | 919065 | 447403 |
| Kindergarten | 44574 | 19163 | 36541 | 15735 | 27410 | 11516 | 226187 | 97551 |
| NGO Schools | 5116 | 2634 | 4471 | 2300 | 3624 | 1912 | 25872 | 13176 |
| Community Schools | 68337 | 35310 | 54504 | 28530 | 36634 | 19906 | 388051 | 19778 |
| Primary of High Madrashas | 200759 | 97385 | 189931 | 85505 | 164387 | 75296 | 1051360 | 482763 |
| Primary of High Schools | 56109 | 29004 | 60456 | 31722 | 61818 | 32416 | 270790 | 142107 |
| **Total:** | **3257843** | **1662612** | **2831475** | **1455353** | **1994126** | **1030140** | **16001605** | **8081768** |

***Data Sources: School census 2008 of Directorate of Primary Education (DPE)***

**Table 73: Class 1-5, Enrolment of Students in Absolute Numbers**

| Year | Boys | Girls | Total |
|---|---|---|---|
| 1980 | 4922401 | 3296022 | 8218423 |
| 1981 | 4952625 | 3339796 | 8292421 |
| 1982 | 4983000 | 3417000 | 8400000 |
| 1983 | 5022500 | 3446500 | 8469000 |
| 1984 | 5088339 | 3487468 | 8575807 |
| 1985 | 5352160 | 3568112 | 8920272 |
| 1986 | 5627424 | 4184725 | 9812149 |
| 1987 | 6111415 | 4731092 | 10842507 |
| 1988 | 6342326 | 4943119 | 11285445 |
| 1989 | 6424758 | 5136572 | 11561330 |
| 1990 | 6574633 | 5359316 | 11933949 |
| 1991 | 6910092 | 5725327 | 12635419 |
| 1992 | 7048542 | 5968725 | 13017270 |
| 1993 | 75258662 | 6541470 | 14067332 |
| 1994 | 8048117 | 7132563 | 15180680 |
| 1995 | 9094489 | 8189668 | 17280416 |
| 1996 | 9219358 | 8361058 | 17580416 |
| 1997 | 9364899 | 8666774 | 18031673 |
| 1998 | 9576942 | 8783700 | 18360642 |
| 1999 | 9065019 | 8556712 | 17621731 |
| 2000 | 9032698 | 8635287 | 17667985 |
| 2001 | 8989795 | 8669425 | 17659220 |
| 2002 | 8841648 | 8720180 | 17561828 |
| 2003 | 9252523 | 9178797 | 18431320 |
| 2004 | 8958697 | 8994603 | 17953300 |
| 2005 | 8091221 | 8134437 | 16225658 |
| 2006 | 8129314 | 8256533 | 16385847 |
| 2007 | 8035353 | 8277554 | 16312907 |
| 2008 | 7919837 | 8081768 | 16001605 |

***Source: BIDS background Study***

**Table 74: Projection of Primary School Enrolment for 2008, 2010, 2015, 2020 (in million)**

| Year | Boys | Girls | Total |
|---|---|---|---|
| 2008 | 7.92 | 8.08 | 16.00 |
| 2010 | 7.73 | 7.91 | 15.46 |
| 2015 | 6.89 | 7.12 | 14.01 |
| 2020 | 6.86 | 7.10 | 13.96 |

Assumptions: 1. Projected population for 2001-2051 under the assumption that TFR = 2.1 by 2011

2. Girls participation will continue to be higher than the boys

***Source: FREPD 2008 (Table 22)***

**Table 75: Number of Students in Post Primary Education (1990-2008)**

| Level of Education | Type | 1990 | | 1995 | | 2000 | | 2005 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Total | Girls | Total | Girls | Total | Girls | Total | Girls |
| Junior Secondary | School | 2127851 | 761419 | 3645339 | 1767153 | 5004753 | 2780838 | 5142895 | 2690780 |
| | Madrasah | 267775 | 18119 | 524375 | 150102 | 926750 | 421035 | 1089539 | 547185 |
| | **Total** | **2395626** | **779538** | **4169714** | **1917255** | **5931503** | **3201873** | **6232434** | **3237965** |
| Secondary Level | School | 865882 | 254326 | 1413271 | 605689 | 2642132 | 1239399 | 2255657 | 1177234 |
| | Madrasah | 105508 | 5909 | 206612 | 48961 | 452092 | 182381 | 507816 | 248773 |
| | **Total** | **971390** | **260235** | **1619883** | **654650** | **3094224** | **1421780** | **2763473** | **1426007** |
| Higher Secondary | College | 568461 | 160397 | 910873 | 319763 | 1032083 | 437259 | 833777 | 327512 |
| | Madrasah | 37859 | 489 | 54859 | 5540 | 166298 | 44498 | 120580 | 39382 |
| | **Total** | **606320** | **160886** | **965832** | **325303** | **1198381** | **481757** | **954357** | **366894** |
| Bachelor Degree Level | | 283112 | 49344 | 378130 | 106882 | 718958 | 248903 | 481703 | 159913 |
| Masters' Level | | 24114 | 3101 | 45164 | 11254 | 85216 | 27414 | 111759 | 34858 |
| Fazil | | 21929 | 83 | 33822 | 3823 | 37220 | 5382 | 40320 | 7912 |
| Kamil | | 11733 | 26 | 18903 | 811 | 21532 | 1255 | 16875 | 1985 |
| Tech-Voc Education | | 22382 | 1210 | 38346 | 3711 | 116055 | 28126 | 241336 | 62562 |
| Professional Education | | 46525 | 12066 | 54930 | 15885 | 60547 | 20329 | 59536 | 20925 |
| Teacher Education | | 9393 | 3793 | 11170 | 4397 | 20911 | 7619 | 36265 | 13525 |

***Data Source: BANBEIS, Ministry of Education***

**Table 76: Continued**

| Level of Education | Type | 2006 | | 2007 | | 2008 | | 2009 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Total | Girls | Total | Girls | Total | Girls | Total | Girls |
| Junior Secondary | School | 5162703 | 2700316 | 4600755 | 2483907 | 4648842 | 2494760 | 4988201 | 2587092 |
| | Madrasah | 1095961 | 551254 | 1105960 | 598002 | 1137540 | 623783 | 1232875 | 670009 |
| | Total | 6258664 | 3251570 | 5706715 | 3081909 | 5786382 | 3118543 | 6221076 | 3257101 |
| Secondary Level | School | 2256476 | 1176673 | 2033802 | 1079853 | 2191699 | 1153429 | 2568592 | 129446 |
| | Madrasah | 511315 | 250674 | 498915 | 253614 | 527763 | 272965 | 590444 | 302394 |
| | Total | 2767791 | 1427347 | 2532717 | 1333467 | 2719462 | 1426394 | 3159036 | 431840 |
| Higher Secondary | College | 1001669 | 443423 | 942122 | 443283 | 1059526 | 494217 | 1196405 | 554777 |
| | Madrasah | 121126 | 39876 | 126999 | 49749 | 143710 | 59661 | 161852 | 71328 |
| | Total | 1122795 | 483299 | 1069121 | 493032 | 1203236 | 553878 | 1358257 | 626105 |
| Bachelor Degree Level | | 812534 | 293768 | 953760 | 338270 | 1178397 | 433540 | 1173916 | 459968 |
| Masters' Level | | 122175 | 41443 | 153815 | 49896 | 133735 | 44321 | 276785 | 90200 |
| Fazil | | 53821 | 12728 | 55111 | 15258 | 57577 | 16711 | 59184 | 16574 |
| Kamil | | 21319 | 3214 | 24175 | 4446 | 25579 | 4611 | 23235 | 4523 |
| Tech-Voc Education | | 268184 | 66918 | 283522 | 75854 | 314142 | 84505 | 475848 | 113078 |
| Professional Education | | 61097 | 21227 | 69988 | 22436 | 74327 | 23224 | 62818 | 21657 |
| Teacher Education | | 37558 | 13807 | 40189 | 15916 | 42363 | 17278 | 42249 | 6929 |

***Data Source: BANBEIS, Ministry of Education***

**Table 77: Projected GER in Junior Secondary Education (in percent).**

| Type | Sex | 2008 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|
| School | Boys | 45 | 48 | 50 | 52 |
| | Girls | 53 | 55 | 57 | 59 |
| Madrasa | Boys | 10.7 | 12 | 14 | 16 |
| | Girls | 13 | 15 | 17 | 19 |

**Table 80: Projection of Enrolment in Junior Education, 2010-2020, (in lacs).**

| Type | Bench Mark 2008 | | | 2010 | | | 2015 | | | 2020 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| School | 21.6 | 24.9 | 46.5 | 23.2 | 25.6 | 48.8 | 24.01 | 26.6 | 50.7 | 23.6 | 26.1 | 49.7 |
| Madrasha | 5.2 | 6.2 | 11.4 | 5.8 | 6.99 | 12.8 | 6.72 | 7.9 | 14.5 | 7.3 | 7.3 | 15.7 |
| Total | 26.8 | 31.1 | 57.9 | 29.0 | 32.6 | 61.6 | 30.7 | 34.5 | 65.2 | 30.9 | 30.9 | 65.4 |

**Table 81: Projected GER for 2008 to 2020 for the Age Group 14-15 yrs**

| Years | | 2008 | 2010 | 2015 | 2020 |
|---|---|---|---|---|---|
| Schools | Boys | 33 | 35 | 40 | 45 |
| | Girls | 36 | 38 | 43 | 48 |
| Madrasha | Boys | 8 | 11 | 18 | 25 |
| | Girls | 9 | 12 | 19 | 26 |

***Source: BIDS background Study***

**Table 78: Projected Secondary Enrolment for 2008-2020, (in million)**

| Year | 2008 | | | 2020 | | | 2015 | | | 2020 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl | Total |
| Secondary School | 1.04 | 1.15 | 2.19 | 1.12 | 1.17 | 2.29 | 2.29 | 1.28 | 2.60 | 1.40 | 1.44 | 2.84 |
| Secondary Madrasha | 02548 | 02729 | 05277 | 0.35 | 0.37 | 0.72 | 0.72 | 0.58 | 1.17 | 0.78 | .78 | 1.56 |
| Secondary | 1.30 | 1.42 | 2.72 | 1.42 | 1.54 | 3.01 | 3.01 | 1.86 | 3.77 | 2.18 | 2.12 | 4.30 |

***Source: BIDS background Study***

**Table 79: Projected Higher Secondary Enrolment for 2008 - 2020 (in million)**

| Year | 2008 | | | 2010 | | | 2015 | | | 2020 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl | Total | Boy | Girl | Total |
| College/ schools | 0.565 | 0.494 | 1.059 | 0.586 | .559 | 1.145 | .641 | .762 | 1.403 | .701 | 1.039 | 1.740 |
| Madrasha | .0843 | 0.0597 | .144 | .0922 | .064 | .157 | .115 | .0769 | .192 | .144 | .0922 | .236 |
| Total | .649 | .554 | 1.203 | .678 | .623 | 1.302 | 0.756 | .839 | 1.595 | .845 | 1.131 | 1.976 |

***Source: BIDS background Study***

**Table 80: Number of Secondary Educational Institutions in General Stream by Year and Level of Education**

| Year | Level of education | | | | |
|---|---|---|---|---|---|
| | Junior Secondary | Secondary[1] | Higher secondary | | |
| | | | School & College[2]/ immediate college | Degree college[3] | Total |
| 1995 | 2,349 | 9,663 | 603 | 671 | 13,286 |
| 1996 | 2,687 | 10,291 | 652 | 717 | 14,347 |
| 1997 | 3,002 | 10,776 | 901 | 664 | 15,343 |
| 1998 | 2,985 | 11,553 | 1,041 | 739 | 16,298 |
| 1999 | 2,846 | 12,614 | 1,422 | 785 | 17,667 |
| 2000 | 3,063 | 12,657 | 1,466 | 826 | 18,012 |
| 2001 | 3,245 | 12,921 | 1,485 | 868 | 18,519 |
| 2002 | 3,287 | 13,275 | 1,559 | 911 | 19,031 |
| 2003 | 3,982 | 13,404 | 1,579 | 1,069 | 20,034 |
| 2004 | 4,157 | 14,110 | 1,538 | 1,144 | 20,949 |
| 2005 | 4,322 | 14,178 | 1,813 | 1,187 | 21,500 |
| 2006 | 3,251 | 15,449 | 1,861 | 1,248 | 21,809 |
| 2007 | 3,355 | 15,056 | 1,845 | 1,303 | 21,559 |
| 2008 | 3,458 | 14,660 | 1,823 | 1,354 | 21,295 |
| 2009 | 3,494 | 14,619 | 1,932 | 1,324 | 21,369 |

Notes: 1 All of these institutions have junior secondary section and few have primary section
2 A third of these institutions have junior secondary and secondary sections
3 these institutions do not have junior secondary and secondary sections but have tertiary section BANBEIS

**Table 81: Number of Secondary Educational Institutions in Madrasa Stream by Year and Level of Education**

| **Year** | **Level of education** | | |
|---|---|---|---|
| | **Dakhil** | **Alim and others** | **Total** |
| 1995 | 4,121 | 1,856 | 5,977 |
| 1996 | 4,687 | 1,968 | 6,655 |
| 1997 | 4,795 | 2,056 | 6,851 |
| 1998 | 4,868 | 2,088 | 6,956 |
| 1999 | 4,890 | 2,232 | 7,122 |
| 2000 | 5,015 | 2,264 | 7,279 |
| 2001 | 5,391 | 2,260 | 7,651 |
| 2002 | 5,536 | 2,284 | 7,820 |
| 2003 | 5,995 | 2,415 | 8,410 |
| 2004 | 6,315 | 2,504 | 8,819 |
| 2005 | 6,685 | 2,529 | 9,214 |
| 2006 | 6,798 | 2,563 | 9,361 |
| 2007 | 6,788 | 2,585 | 9,373 |
| 2008 | 6,779 | 2,605 | 9,384 |
| 2009 | 6,771 | 2,701 | 9,472 |

Notes: All these institutions have ebtedyee (primary) section, BANBEIS

**Table 82: Number of Secondary Students in General**

| Year | Level of education | | | |
|---|---|---|---|---|
| | Junior secondary (Grades VI-VIII) | Secondary (Grades IX-X) | Higher secondary (Grades XI-XII) | Total |
| 1995 | 36,45,339 (61.1) | 14,13,270 (23.7) | 9,10,873 (15.2) | 59,69,482 (100.0) |
| 1996 | 40,25,340 (63.1) | 15,60,466 (24.5) | 7,93,049 (12.4) | 63,78,855 (100.0) |
| 1997 | 44,13,416 (63.0) | 17,10,909 (24.4) | 8,82,526 (12.6) | 70,06,851 (100.0) |
| 1998 | 47,09,540 (61.4) | 20,59,538 (26.8) | 9,02,384 (11.8) | 76,,71,462 (100.0) |
| 1999 | 50,47,183 (61.6) | 21,89,756 (26.8) | 9,52,850 (11.6) | 81,89,789 (100.0) |
| 2000 | 52,04,753 (60.0) | 24,42,132 (28.1) | 10,32,083 (11.9) | 86,78,968 (100.0) |
| 2001 | 53,40,818 (60.4) | 25,46,192 (28.8) | 9,51,747 (10.8) | 88,38,757 (100.0) |
| 2002 | 55,30,209 (60.6) | 26,31,925 (28.8) | 9,70,379 (10.6) | 91,32,513 (100.0) |
| 2003 | 55,01,195 (60.2) | 26,25,167 (28.7) | 10,09,272 (11.1) | 91,35,634 (100.0) |
| 2004 | 51,44,193 (62.2) | 23,59,054 (28.5) | 7,67,789 (9.3) | 82,71,036 (100.0) |
| 2005 | 51,42,895 (62.5) | 22,55,657 (27.4) | 8,33,777 (10.1) | 82,32,329 (100.0) |
| 2006 | 51,62,703 (62.5) | 22,56,476 (27.3) | 8,44,596 (10.2) | 82,63,775 (100.0) |
| 2007 | 43,39,617 (60.2) | 19,43,080 (27.0) | 9,21,415 (12.8) | 72,04,120 (100.0) |
| 2008 | 46,63,908 (60.0) | 21,55,840 (27.4) | 10,58,813 (13.3) | 78,78,561 (100.0) |
| 2009 | 49,88,201 (58.3) | 23,68,592 (27.7) | 11,96,215 (14.0) | 85,53,008 (100.0) |

**Source: BANBEIS** *(Percentage of students in parenthesis)*

**Table 83: Number of Secondary Students in Madrasa Stream by Year and Level of Education**

| Year | Level of education | | | |
|---|---|---|---|---|
| | Junior secondary (Grades VI-VIII) | Secondary (Grades IX-X) | Higher secondary (Grades XI-XII) | Total |
| 1995 | 5,24,375 (66.7) | 2,06,612 (26.3) | 54,959 (7.0) | 7,85,946 (100.0) |
| 1996 | 5,76,620 (66.7) | 2,27,197 (26.3) | 60,435 (7.0) | 8,64,252 (100.0) |
| 1997 | 6,00,358 (66.5) | 2,40,065 (26.6) | 61,927 (6.9) | 9,02,350 (100.0) |
| 1998 | 8,22,054 (62.8) | 3,60,780 (27.6) | 1,25,743 (9.6) | 13,08,577 (100.0) |
| 1999 | 9,05,874 (60.0) | 4,41,910 (29.3) | 1,62,566 (10.8) | 15,10,350 (100.0) |
| 2000 | 9,26,750 (60.0) | 4,52,092 (29.3) | 1,66,298 (10.8) | 15,45,140 (100.0) |
| 2001 | 10,52,304 (60.8) | 5,35,057 (30.9) | 1,43,289 (8.3) | 17,30,650 (100.0) |
| 2002 | 10,73,968 (61.3) | 5,45,518 (30.9) | 1,45,972 (8.3) | 17,65,458 (100.0) |
| 2003 | 10,95,728 (63.5) | 5,68,907 (31.8) | 1,23,437 (6.9) | 17,88,072 (100.0) |
| 2004 | 10,37,799 (63.4) | 4,83,704 (29.6) | 1,13,731 (7.0) | 16,35,234 (100.0) |
| 2005 | 10,89,537 (63.4) | 5,07,818 (29.6) | 1,20,580 (7.0) | 17,17,935 (100.0) |
| 2006 | 10,95,961 (63.32) | 5,11,315 (29.54) | 1,23,584 (07.14) | 17,30,860 (100) |
| 2007 | 11,17,585 (63.32) | 5,20,932 (29.51) | 1,26,586 (07.17) | 17,65,103 (100) |
| 2008 | 11,39,203 (62.80) | 5,30,547 (29.25) | 1,44,216 (07.95) | 18,13,966 (100) |
| 2009 | 12,32,875 (61.12) | 5,90,444 (29.74) | 1,61,852 (08.15) | 19,85,171 (100) |

**Source: BANBEIS** *(Percentage of students in parenthesis)*

**Table 84: Pass Rates in the SSC/Dakhil Examination by Year**

| Year | Secondary school certificate (SSC) | | | | |
|---|---|---|---|---|---|
| | Humanities | Science | Business studies | Total | Dakhil examination |
| 1990 | 22.8 | 43.6 | - | 31.7 | 46.9 |
| 1991 | 55.9 | 76.5 | - | 64.9 | 55.2 |
| 1992 | 52.7 | 77.1 | - | 61.6 | 60.7 |
| 1993 | 54.2 | 78.5 | - | 61.1 | 57.4 |
| 1994 | 65.9 | 86.3 | - | 71.5 | 75.4 |
| 1995 | 67.9 | 87.5 | - | 13.2 | 68.4 |
| 1996 | 29.8 | 63.4 | - | 42.6 | 69.8 |
| 1997 | 40.7 | 70.9 | - | 51.5 | 68.2 |
| 1998 | 39.7 | 63.9 | 43.6 | 48.0 | 46.9 |
| 1999 | 47.3 | 66.8 | 58.7 | 54.6 | 71.9 |
| 2000 | 33.2 | 58.0 | 41.1 | 41.6 | 54.9 |
| 2001 | 23.9 | 47.8 | 43.9 | 35.2 | 48.0 |
| 2002 | 30.9 | 55.6 | 42.8 | 40.7 | 52.5 |
| 2003 | 26.1 | 46.5 | 40.1 | 35.9 | 41.9 |
| 2004 | 38.4 | 57.7 | 50.6 | 48.0 | 59.7 |
| 2005 | 40.1 | 66.6 | 55.4 | 52.6 | 62.1 |
| 2006 | 46.9 | 76.3 | 63.3 | 59.5 | 75.8 |
| 2007 | 46.7 | 76.2 | 58.9 | 57.3 | 65.8 |
| 2008 | 59.8 | 84.3 | 75.8 | 70.8 | 82.0 |
| 2009 | 55.1 | 83.7 | 72.0 | 67.4 | 85.8 |
| 2010 | 70.4 | 89.7 | 80.4 | 78.2 | 86.7 |

***Source: BANBEIS***

**Table 85: Pass Rates in HSC/Alim Examinations by Year**

| Year | Higher secondary school certificate (HSC) | | | | |
|---|---|---|---|---|---|
| | Humanities | Science | Business studies | Total | Alim examination |
| 1990 | 23.3 | 37.4 | 31.6 | 29.7 | 45.0 |
| 1991 | 45.6 | 57.7 | 85.8 | 50.8 | 49.2 |
| 1992 | 58.5 | 73.0 | 81.5 | 65.5 | 70.5 |
| 1993 | 39.8 | 64.8 | 58.9 | 46.3 | 56.0 |
| 1994 | 35.3 | 54.5 | 44.1 | 40.4 | 63.9 |
| 1995 | 41.9 | 61.8 | 49.9 | 46.4 | 63.6 |
| 1996 | 17.5 | 51.4 | 31.5 | 24.8 | 62.7 |
| 1997 | 34.5 | 52.3 | 44.4 | 39.3 | 56.0 |
| 1998 | 40.6 | 63.0 | 48.4 | 46.1 | 52.9 |
| 1999 | 51.1 | 67.1 | 72.1 | 56.1 | 56.9 |
| 2000 | 32.5 | 47.8 | 49.5 | 38.6 | 41.3 |
| 2001 | 23.7 | 32.7 | 37.8 | 28.4 | 35.8 |
| 2002 | 22.6 | 29.6 | 36.3 | 27.1 | 26.8 |
| 2003 | 33.0 | 38.7 | 49.6 | 38.4 | 39.9 |
| 2004 | 40.6 | 51.4 | 58.0 | 47.7 | 40.6 |
| 2005 | 51.8 | 66.9 | 65.7 | 59.2 | 63.6 |
| 2006 | 55.9 | 68.0 | 74.7 | 63.9 | 74.6 |
| 2007 | 56.1 | 68.1 | 74.6 | 64.3 | 74.3 |
| 2008 | 69.0 | 76.0 | 82.9 | 74.8 | 82.4 |
| 2009 | 64.3 | 70.7 | 79.6 | 7.04 | 84.1 |
| 2010 | 65.4 | 73.0 | 80.9 | 71.8 | 86.5 |

***Source: BANBEIS***

**Table 90: Number of Institutions and Teachers by Management and type of Secondary Educational Institution**

| Type of secondary institutions | Number of institutions | Number of teachers |
|---|---|---|
| Government institutions | | |
| Secondary school | 317 | 7,306 |
| Intermediate college | 10 | 143 |
| Degree college | 125 | 3,023 |
| Degree honours college | 50 | 2,027 |
| Master college | 66 | 4,905 |
| Total | 568 | 17,404 |
| Non-Government institutions | | |
| Junior secondary School | 3,461 | 24,751 |
| Secondary school | 14,352 | 1,66,999 |
| Intermediate college | 1,154 | 21,189 |
| School and College | 640 | 23,393 |
| Degree college | 1,141 | 41,331 |
| Degree honours college | 45 | 2,557 |
| Masters college | 24 | 1,161 |
| Total | 20,817 | 2,81,381 |

***Source: BANBEIS***

**Table 91: Government Expenditure on Secondary Education as % of GNI**

| Financial year | Revenue | Development | Total |
|---|---|---|---|
| 1999-2000 | 0.80 | 0.45 | 1.25 |
| 2000-2001 | 0.83 | 0.44 | 1.27 |
| 2001-2002 | 0.82 | 0.44 | 1.26 |
| 2002-2003 | 0.84 | 0.45 | 1.29 |
| 2003-2004 | 0.84 | 0.42 | 1.26 |
| 2004-2005 | 0.91 | 0.42 | 1.33 |
| 2005-2006 | 1.01 | 0.28 | 1.29 |
| 2006-2007 | 1.02 | 0.29 | 1.31 |

***Source: Al-Samarrai (2007). Financing Basic Education in Bangladesh,***
*Sussex: CREAT and discussion with the author*

**Table 92: Average Private Expenditure for Secondary Education**

| Wealth status (Quintiles) | Total expenditure | | Expenditure for private tutoring | | % share for private tutoring in total cost | |
|---|---|---|---|---|---|---|
| | Rural | Urban | Rural | Urban | Rural | Urban |
| Poorest (bottom 20%) | 4,049 | 5,295 | 663 | 1,327 | 16.4 | 25.1 |
| Poor (next 20%) | 5,115 | 7,562 | 1,071 | 2,417 | 20.9 | 32.0 |
| Middle (next 20%) | 6,024 | 10,312 | 1,452 | 3,563 | 24.1 | 34.6 |
| Rich (next 20%) | 7.330 | 13,676 | 2,154 | 5,091 | 29.4 | 37.2 |
| Richest (top 20%) | 9.426 | 17,135 | 3,116 | 7,140 | 33.1 | 41.7 |

***Source: CAMPE (2007)***

## 2. Health Indicators

**Table 86: Percentage Population by Sex and Age Group (1974-2001)**

| Year | Sex | Total | 0-4 | 5-9 | 10-14 | 15-24 | 25-34 | 35-44 | 45-59 | 60+ |
|---|---|---|---|---|---|---|---|---|---|---|
| 1974 | Both Sex | 100.0 | 16.9 | 18.3 | 12.8 | 15.1 | 12.5 | 10.0 | 8.7 | 5.7 |
| | Male | 100.0 | 16.2 | 17.8 | 13.5 | 15.0 | 11.8 | 10.2 | 9.3 | 6.2 |
| | Female | 100.0 | 17.6 | 18.9 | 12.2 | 15.3 | 13.2 | 9.1 | 7.7 | 5.2 |
| 1981 | Both Sex | 100.0 | 17.0 | 16.3 | 13.4 | 17.1 | 13.1 | 9.3 | 8.2 | 5.6 |
| | Male | 100.0 | 16.6 | 16.0 | 13.9 | 16.4 | 12.8 | 9.5 | 8.7 | 6.1 |
| | Female | 100.0 | 17.4 | 16.5 | 12.9 | 17.9 | 13.5 | 9.1 | 7.7 | 5.1 |
| 1991 | Both Sex | 100.0 | 16.8 | 16.5 | 12.1 | 16.9 | 14.6 | 9.8 | 8.8 | 4.4 |
| | Male | 100.0 | 16.5 | 16.6 | 12.5 | 16.0 | 4.0 | 10.3 | 8.3 | 5.8 |
| | Female | 100.0 | 17.0 | 16.4 | 11.6 | 17.9 | 15.2 | 9.2 | 7.6 | 5.1 |
| 1995 | Both Sex | 100.0 | 14.1 | 15.5 | 13.3 | 19.2 | 15.3 | 9.6 | 8.8 | 4.4 |
| | Male | 100.0 | 13.9 | 15.2 | 13.2 | 19.1 | 15.3 | 9.3 | 9.8 | 5.1 |
| | Female | 100.0 | 14.3 | 16.0 | 13.4 | 19.3 | 15.2 | 9.8 | 8.5 | 7.6 |
| 1996 | Both Sex | 100.0 | 12.7 | 15.3 | 12.7 | 17.4 | 14.2 | 11.0 | 8.8 | 8.0 |
| | Male | 100.0 | 12.6 | 15.5 | 12.5 | 17.2 | 13.8 | 11.0 | 9.0 | 8.4 |
| | Female | 100.0 | 12.8 | 15.1 | 12.8 | 17.7 | 14.7 | 10.9 | 8.5 | 7.6 |
| 2001 | Both Sex | 100.0 | 12.9 | 13.4 | 12.8 | 18.7 | 15.8 | 11.4 | 8.9 | 6.1 |
| | Male | 100.0 | 13.0 | 13.7 | 13.1 | 17.5 | 14.5 | 12.0 | 9.5 | 6.7 |
| | Female | 100.0 | 12.7 | 13.2 | 12.4 | 19.8 | 17.1 | 10.8 | 8.2 | 5.7 |

***Source: Bangladesh Bureau of Statistics, 2009 & 1999***

**Table 87: Human Development Indicators (1981-2008)**

| | Crude Death Rate [per thousand] | | | Crude Birth Rate [per thousand] | | | Infant Mortality Rate [per thousand] | | | | | Life Expectancy at Birth [years] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | **National** | **Rural** | **Urban** | **National** | **Rural** | **Urban** | **National** | **Rural** | **Urban** | **Male** | **Female** | **National** | **Rural** | **Urban** | **Male** | **Female** |
| **1981** | 11.5 | 12.2 | 7.2 | 34.6 | 35.7 | 24.8 | 111.5 | 112.5 | 99.4 | 113.4 | 109.4 | 54.8 | 54.3 | 60.1 | 55.3 | 54.4 |
| **1982** | 12.2 | 12.8 | 6.9 | 34.8 | 36.9 | 22.9 | 121.9 | 123.2 | 103.0 | 124.4 | 119.4 | 54.5 | 53.9 | 60.6 | 54.4 | 54.8 |
| **1983** | 12.3 | 13.2 | 7.5 | 35.0 | 36.4 | 27.1 | 117.5 | 120.8 | 98.8 | 118.8 | 116.0 | 53.9 | 53.1 | 60.3 | 54.2 | 53.6 |
| **1984** | 12.3 | 12.9 | 8.5 | 34.6 | 36.1 | 25.0 | 121.8 | 122.0 | 119.5 | 113.5 | 109.3 | 54.8 | 54.4 | 58.7 | 5.9 | 54.7 |
| **1985** | 12.0 | 12.9 | 8.3 | 34.6 | 35.3 | 28.0 | 112.0 | 113.0 | 99.0 | 114.2 | 109.0 | 55.1 | 54.7 | 60.1 | 55.7 | 54.6 |
| **1986** | 11.9 | 12.3 | 8.4 | 34.4 | 35.4 | 25.9 | 116.0 | 118.0 | 101.0 | 122.0 | 111.0 | 55.2 | 54.8 | 58.8 | 55.2 | 55.9 |
| **1987** | 11.5 | 11.8 | 7.6 | 33.3 | 34.6 | 24.8 | 113.0 | 115.0 | 95.0 | 120.0 | 105.0 | 56.4 | 56.1 | 60.0 | 55.6 | 54.9 |
| **1988** | 11.3 | 11.8 | 7.4 | 33.2 | 34.5 | 24.9 | 110.0 | 112.0 | 91.0 | 116.0 | 105.0 | 56.0 | 55.4 | 60.9 | 57.0 | 56.0 |
| **1989** | 11.4 | 12.0 | 7.3 | 33.0 | 34.2 | 24.3 | 98.0 | 105.0 | 84.0 | 102.0 | 95.0 | 56.0 | 55.0 | 61.0 | 56.0 | 55.6 |
| **1990** | 11.3 | 11.8 | 7.9 | 32.8 | 34.3 | 24.6 | 94.0 | 97.0 | 71.0 | 98.0 | 91.6 | 56.0 | 55.4 | 60.5 | 56.3 | 55.6 |
| **1991** | 11.0 | 11.5 | 7.3 | 31.7 | 32.9 | 23.9 | 90.6 | 94.4 | 69.3 | 94.4 | 86.8 | 56.1 | 55.8 | 60.0 | 56.5 | 55.6 |
| **1992** | 11.0 | 11.3 | 7.5 | 31.4 | 32.2 | 23.7 | 88.0 | 91.0 | 65.0 | 90.0 | 86.0 | 56.3 | 56.0 | 60.5 | 56.8 | 55.9 |
| **1993** | 10.0 | 10.4 | 7.2 | 28.8 | 30.0 | 21.0 | 84.0 | 88.0 | 61.0 | 86.0 | 81.0 | 57.9 | 57.5 | 60.6 | 58.2 | 57.7 |
| **1994** | 9.3 | 9.3 | 7.1 | 27.0 | 29.1 | 20.2 | 77.0 | 79.0 | 57.0 | 77.0 | 76.0 | 58.0 | 57.7 | 60.0 | 58.2 | 57.9 |
| **1995** | 8.7 | 9.0 | 6.7 | 26.5 | 28.5 | 19.4 | 71.0 | 78.0 | 53.0 | 73.0 | 70.0 | 58.7 | 57.5 | 60.9 | 58.4 | 58.1 |
| **1996** | 8.2 | 8.8 | 6.5 | 25.6 | 27.8 | 19.0 | 67.0 | 76.0 | 50.0 | 68.0 | 67.0 | 58.9 | 58.2 | 60.9 | 58.4 | 58.1 |
| **1997** | 5.9 | 6.5 | 4.2 | 21.0 | 16.2 | 14.0 | 60.0 | 69.0 | 49.0 | 61.0 | 59.0 | 60.1 | 59.4 | 62.3 | 60.5 | 59.7 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1998** | 5.1 | 5.4 | 3.7 | 19.9 | 21.0 | 14.0 | 57.0 | 66.0 | 47.0 | 58.0 | 56.0 | 61.5 | 60.2 | 63.2 | 61.7 | 61.2 |
| **1999** | 5.1 | 5.4 | 3.5 | 19.2 | 20.9 | 13.8 | 59.0 | 63.0 | 46.0 | 61.0 | 57.0 | - | - | - | - | - |
| **2000** | 4.9 | 5.3 | 3.5 | 19.0 | 20.8 | 13.7 | 56.0 | 62.0 | 44.0 | 58.0 | 55.0 | - | - | - | - | - |
| **2001** | 4.8 | 5.2 | 4.3 | 18.9 | 20.7 | 13.6 | 53.0 | 60.0 | 43.0 | 54.0 | 52.0 | - | - | - | - | - |
| **2002** | 5.1 | 5.4 | 3.8 | 20.1 | 21.0 | 16.6 | 53.0 | 57.0 | 37.0 | 54.0 | 52.0 | 64.9 | 64.4 | 67.2 | 64.5 | 65.4 |
| **2003** | 5.9 | 6.2 | 4.7 | 20.9 | 21.7 | 17.9 | 53.0 | 57.0 | 40.0 | 55.0 | 51.0 | 64.9 | 64.3 | 67.6 | 64.3 | 65.4 |
| **2004** | 5.8 | 6.1 | 4.4 | 20.8 | 21.6 | 17.8 | 52.0 | 55.0 | 41.0 | 57.0 | 47.0 | 65.1 | 64.3 | 67.8 | 64.4 | 65.7 |
| **2005** | 5.8 | 6.1 | 4.9 | 20.7 | 21.7 | 17.8 | 50.0 | 44.0 | 51.0 | 52.0 | 47.0 | 65.2 | 64.5 | 67.9 | 64.4 | 65.8 |
| **2006** | 5.6 | 6.0 | 4.4 | 20.6 | 21.7 | 17.5 | 45.0 | 47.0 | 38.0 | 47.0 | 43.0 | 65.5 | 65.9 | 68.1 | 65.4 | 67.8 |
| **2007** | 6.3 | 6.6 | 5.1 | 20.9 | 22.1 | 17.4 | 43.0 | 43.0 | 42.0 | 45.0 | 41.0 | 66.6 | 66.0 | 68.1 | 65.5 | 67.9 |
| **2008** | 6.0 | 6.5 | 5.1 | 20.5 | 22.4 | 17.2 | 41.0 | 42.0 | 40.0 | 42.0 | 40.0 | 66.8 | 66.2 | 68.3 | 65.6 | 68.0 |
| **2009** | 5.8 | 6.1 | 4.7 | 19.4 | 20.4 | 16.8 | 39.0 | 40.0 | 37.0 | 42.0 | 37.0 | 67.2 | 66.9 | 68.7 | 66.1 | 68.7 |

***Source: Bangladesh Bureau of Statistics***

# 3. Human Resource Development

**Table 88: Training capacities in Public and Accredited Private Institutions, 1998 and 2005**

| Level/Course | 1998 | | | | | |
|---|---|---|---|---|---|---|
| | Number of Institution | | Intake Capacity1 | | Private Share | |
| | Public | Private | Public | Private | Institutions | Students |
| *Vocational Education* | | | | | | |
| Basic Skill Level | 64 | 3 | 23,500 | 1,500 | 4% | 6% |
| Certificate Level… | | | | | | |
| - SSC (Voc)8 | 62 | 510 | 5,380 | 25,800 | 89% | 83% |
| - HSC (BM) | - | 220 | - | 8,800 | 100% | 100% |
| - HSC (Voc) | 51 | - | 1,520 | - | 0% | 0% |
| *Vocational Training* | | | | | | |
| Diploma Level | 36 | 7 | 13,155 | 1,160 | 16% | 8% |
| **Total** | **213** | **520** | **43,555** | **28,460** | **71%** | **40%** |
| **Level/Course** | **2005** | | | | | |
| | **Number of Institution** | | **Intake Capacity** | | **Private Share** | |
| | **Public** | **Private** | **Public** | **Private** | **Institutions** | **Students** |
| *Vocational Education* | | | | | | |
| Basic Skill Level | 76 | 414 | 12,370 | 13,300 | 84% | 52% |
| Certificate Level… | | | | | | |
| - SSC (Voc) | 110 | 1,303 | 23,570 | 63,450 | 92% | 73% |
| - HSC (BM) | - | 955 | - | 50,000 | 100% | 100% |
| - HSC (Voc) | 64 | - | 5,560 | - | 0% | 0% |
| *Vocational Training* | | | | | | |
| Diploma Level | 54 | | | | 73% | 47% |
| **Total** | **304** | **1,860** | **56,520** | **89,980** | **86%** | **61%** |

***Source: DTE, BTEB***

1) This number is the total number of seats available for the first year of the course. The enrollment numbers will be higher as some of these courses (e.g. SSC/HSC are 2 year courses)

**Table 89: Capacity Utilization in the VET System**

| | Vocational Education | | | Vocational Training | | |
|---|---|---|---|---|---|---|
| | **Public** | **Private** | **Total** | **Public** | **Private** | **Total** |
| No. of Institutes | 48 | 252 | 300 | 9 | 17 | 26 |
| Total Student Capacity | 20,416 | 38,146 | 58,562 | 7,020 | 3,800 | 10,820 |
| Total Registered Students | 9,617 | 17,990 | 27,607 | 4,451 | 1,991 | 6,442 |
| % Unutilitzed | 52.9 | 52.8 | 52.9 | 36.6 | 47.6 | 40.5 |

***Source: BIDS background Study***

**Table 90: Status of VET Students after Graduation**

| | Employed (%) | | | Self-Employed (%) | | | Higher (%) | | | Unemployed (%) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gov. | Pvt. | Total | Gov. | Pvt. | Total | Gov. | Pvt. | Total | Gov. | Pvt. | Total |
| *Vocational Education* | | | | | | | | | | | | |
| Basic trades | 9.80 | 15.60 | 14.10 | 2.00 | 4.80 | 4.00 | 21.60 | 24.50 | 23.70 | 66.70 | 55.10 | 58.10 |
| SSC (Voc) | 2.80 | 3.30 | 3.10 | 1.10 | 0.70 | 0.90 | 46.70 | 47.90 | 47.40 | 49.30 | 48.10 | 48.70 |
| HSC (Voc) | 28.60 | NA | 28.60 | 1.10 | NA | 1.10 | 20.90 | NA | 20.90 | 49.50 | NA | 49.50 |
| HSC (BM) | NA | 4.70 | 4.70 | NA | 0.70 | 0.70 | NA | 53.50 | 53.50 | NA | 41.10 | 41.10 |
| *Vocational Training* | | | | | | | | | | | | |
| Diploma and Others | 28.55 | 15.32 | 18.25 | 1.79 | 2.53 | 2.39 | 21.41 | 36.24 | 32.92 | 48.22 | 45.89 | 46.41 |
| Total | 9.10 | 6.50 | 7.26 | 1.23 | 1.29 | 1.28 | 39.03 | 46.91 | 44.66 | 50.58 | 45.29 | 46.84 |

***Source: BIDS background Study***

# D. Regional Disparity Block

**Table 91: Population Growth in Greater Districts, 1974 to 1991**

(Population in '000)

| Greater District | 1974 | 1981 | 1991 | *1974 to 1981* | *1981 to 1991* |
|---|---|---|---|---|---|
| Barisal | 3928 | 4667 | 5413 | *2.49* | *1.49* |
| Bogra | 2231 | 2728 | 3434 | *2.91* | *2.33* |
| Chittagong | 4315 | 5491 | 6715 | *3.50* | *2.03* |
| Chittagong HT | 508 | 580 | 744 | *1.91* | *2.52* |
| Comilla | 5819 | 6881 | 8207 | *2.42* | *1.78* |
| Dhaka | 7611 | 10014 | 13232 | *4.00* | *2.83* |
| Dinajpur | 2571 | 3200 | 3983 | *3.18* | *2.21* |
| Faridpur | 4060 | 4764 | 5424 | *2.31* | *1.31* |
| Jamalpur | 2059 | 2452 | 3013 | *2.53* | *2.08* |
| Jessore | 3327 | 4020 | 4848 | *2.74* | *1.89* |
| Khulna | 3557 | 4329 | 5039 | *2.85* | *1.53* |
| Kushtia | 1884 | 2292 | 2801 | *2.84* | *2.03* |
| Mymensingh | 5508 | 6568 | 7994 | *2.55* | *1.98* |
| Noakhali | 3234 | 3816 | 4626 | *2.39* | *1.94* |
| Pabna | 2815 | 3424 | 4183 | *2.84* | *2.02* |
| Patuakhali | 1499 | 1843 | 2050 | *3.00* | *1.07* |
| Rajshahi | 4268 | 5270 | 6594 | *3.06* | *2.27* |
| Rangpur | 5447 | 6510 | 8015 | *2.58* | *2.10* |
| Sylhet | 4759 | 5656 | 6765 | *2.50* | *1.81* |
| Tangail | 2078 | 2444 | 3002 | *2.34* | *2.08* |

*Note: Italic terms are exponential growth rates (in percents)*
Source: Statistical Yearbook (2008)

**Table 92: District-wise Population Density in 2001 and Total Fertility Rate (TFR) in Rural Areas, 2001 to 2007**

(Population per square k.m.)

| | | | 2001 | TFR | | | | |
|---|---|---|---|---|---|---|---|---|
| **Ranking** | **Division** | **District** | **Pop Dens.** | **2001** | **2003** | **2005** | **2007** | **2009** |
| 1 | Dhaka | Dhaka | 5802.999 | 2.54 | 1.82 | 1.89 | 1.69 | 1.57 |
| 2 | Dhaka | Narayanganj | 2860.526 | 2.65 | 2.02 | 1.94 | 2.21 | 1.74 |
| 3 | Dhaka | Narsingdi | 1749.343 | 2.97 | 2.99 | 2.68 | 2.83 | 2.15 |
| 4 | Chittagong | Comilla | 1489.465 | 2.69 | 2.50 | 2.26 | 2.51 | 1.87 |
| 5 | Dhaka | Munshiganj | 1353.927 | 2.26 | 1.98 | 1.85 | 1.58 | 1.64 |
| 6 | Chittagong | Feni | 1337.284 | 2.55 | 2.41 | 2.50 | 2.30 | 2.01 |
| 7 | Chittagong | Chandpur | 1314.554 | 2.68 | 2.63 | 2.97 | 2.76 | 2.06 |
| 8 | Chittagong | Chittagong | 1251.609 | 2.50 | 2.24 | 2.05 | 1.86 | 1.75 |
| 9 | Chittagong | Brahmanbaria | 1244.421 | 2.70 | 3.09 | 2.90 | 2.94 | 2.26 |
| 10 | Dhaka | Sherpur | 1229.808 | 2.53 | 2.70 | 2.67 | 2.96 | 2.41 |
| 11 | Dhaka | Gazipur | 1166.571 | 2.78 | 2.02 | 2.01 | 1.80 | 1.62 |
| 12 | Rajshahi | Rangpur | 1099.653 | 2.65 | 2.60 | 2.54 | 2.41 | 2.04 |
| 13 | Rajshahi | Sirajganj | 1078.062 | 2.53 | 2.36 | 2.55 | 2.56 | 2.28 |
| 14 | Khulna | Kushtia | 1074.028 | 2.07 | 2.27 | 2.35 | 1.99 | 1.92 |
| 15 | Dhaka | Jamalpur | 1036.909 | 2.40 | 3.02 | 3.62 | 3.15 | 2.81 |
| 16 | Rajshahi | Bogra | 1031.849 | 2.41 | 2.22 | 2.00 | 2.17 | 2.10 |
| 17 | Dhaka | Mymensingh | 1029.115 | 2.54 | 3.38 | 2.92 | 3.27 | 2.54 |
| 18 | Chittagong | Lakshmipur | 1024.055 | 2.62 | 3.58 | 2.88 | 3.51 | 2.80 |
| 19 | Dhaka | Madaripur | 1008.803 | 2.50 | 2.98 | 2.67 | 2.34 | 2.27 |
| 20 | Rajshahi | Gaibandha | 980.284 | 2.57 | 2.80 | 2.45 | 2.51 | 2.38 |
| 21 | Dhaka | Tangail | 964.265 | 2.28 | 2.99 | 2.16 | 2.47 | 2.54 |
| 22 | Khulna | Jessore | 962.992 | 2.40 | 2.37 | 2.42 | 2.21 | 2.00 |
| 23 | Rajshahi | Nilphamari | 956.760 | 2.58 | 3.07 | 3.08 | 3.07 | 2.40 |
| 24 | Dhaka | Kishoreganj | 951.300 | 2.74 | 3.21 | 3.97 | 3.54 | 2.96 |
| 25 | Rajshahi | Rajshahi | 949.730 | 2.47 | 2.18 | 2.06 | 1.98 | 1.98 |
| 26 | Rajshahi | Lalmonirhat | 938.240 | 3.13 | 2.62 | 2.82 | 2.50 | 2.00 |
| 27 | Dhaka | Manikganj | 932.511 | 3.07 | 2.20 | 1.91 | 2.24 | 3.12 |
| 28 | Rajshahi | Pabna | 917.334 | 2.28 | 2.23 | 2.48 | 2.54 | 1.84 |
| 29 | Barisal | Jhalakati | 916.777 | 2.27 | 2.46 | 1.95 | 2.14 | 2.14 |
| 30 | Dhaka | Shariatpur | 915.398 | 2.63 | 2.94 | 2.86 | 3.26 | 2.36 |
| 31 | Rajshahi | Joypurhat | 877.720 | 3.03 | 1.41 | 2.01 | 1.85 | 1.76 |
| 32 | Khulna | Chuadanga | 870.354 | 2.71 | 2.37 | 2.14 | 2.00 | 2.07 |
| 33 | Dhaka | Rajbari | 850.760 | 2.49 | 2.63 | 2.46 | 2.59 | 2.19 |
| 34 | Barisal | Pirojpur | 850.153 | 2.07 | 2.39 | 1.76 | 2.36 | 2.16 |

| | | | 2001 | TFR | | | | |
|---|---|---|---|---|---|---|---|---|
| **Ranking** | **Division** | **District** | **Pop Dens.** | **2001** | **2003** | **2005** | **2007** | **2009** |
| 35 | Dhaka | Faridpur | 847.008 | 2.66 | 2.82 | 2.55 | 2.73 | 2.31 |
| 36 | Barisal | Barisal | 844.086 | 2.27 | 2.33 | 2.18 | 2.42 | 1.65 |
| 37 | Rajshahi | Nawabganj | 837.250 | 3.32 | 2.33 | 2.53 | 2.54 | 2.57 |
| 38 | Khulna | Meherpur | 822.626 | 3.07 | 1.76 | 2.53 | 2.17 | 1.82 |
| 39 | Khulna | Jhenaidaha | 805.711 | 2.66 | 2.47 | 2.47 | 2.31 | 2.01 |
| 40 | Rajshahi | Natore | 802.639 | 2.48 | 2.32 | 1.66 | 1.86 | 2.28 |
| 41 | Khulna | Magura | 785.510 | 2.82 | 3.31 | 2.63 | 2.41 | 2.69 |
| 42 | Dhaka | Gopalganj | 781.208 | 2.35 | 3.05 | 2.47 | 2.36 | 2.17 |
| 43 | Rajshahi | Kurigram | 780.488 | 2.70 | 2.69 | 2.90 | 2.92 | 2.41 |
| 44 | Rajshahi | Dinajpur | 768.537 | 2.87 | 3.22 | 2.49 | 2.35 | 2.31 |
| 45 | Sylhet | Sylhet | 732.875 | 2.35 | 2.31 | 2.34 | 1.96 | 2.32 |
| 46 | Chittagong | Noakhali | 715.635 | 2.45 | 2.82 | 2.66 | 2.67 | 2.22 |
| 47 | Chittagong | Cox's Bazar | 711.878 | 3.07 | 3.75 | 3.61 | 2.53 | 2.50 |
| 48 | Dhaka | Netrokona | 707.473 | 2.84 | 3.75 | 3.55 | 4.18 | 2.57 |
| 49 | Khulna | Narail | 705.051 | 2.63 | 2.51 | 2.64 | 2.89 | 1.87 |
| 50 | Rajshahi | Naogaon | 696.070 | 2.39 | 1.96 | 1.67 | 1.76 | 1.79 |
| 51 | Rajshahi | Thakurgaon | 669.431 | 2.64 | 2.96 | 2.75 | 2.79 | 2.37 |
| 52 | Sylhet | Habiganj | 666.667 | 2.51 | 3.52 | 3.54 | 3.74 | 2.95 |
| 53 | Rajshahi | Panchagarh | 594.729 | 2.72 | 2.34 | 3.00 | 2.61 | 2.37 |
| 54 | Khulna | Bagerhat | 584.877 | 2.18 | 2.35 | 1.94 | 2.22 | 2.05 |
| 55 | Sylhet | Moulavibazar | 557.632 | 2.64 | 2.71 | 2.55 | 2.23 | 2.21 |
| 56 | Sylhet | Sunamganj | 546.070 | 2.64 | 2.98 | 3.66 | 2.13 | 2.89 |
| 57 | Khulna | Khulna | 541.278 | 2.34 | 2.45 | 2.19 | 2.25 | 1.92 |
| 58 | Khulna | Satkhira | 482.893 | 2.70 | 2.23 | 2.49 | 2.13 | 1.91 |
| 59 | Barisal | Barguna | 463.681 | 1.94 | 2.20 | 2.13 | 2.15 | 2.41 |
| 60 | Barisal | Bhola | 455.981 | 2.53 | 3.29 | 3.12 | 2.72 | 2.02 |
| 61 | Barisal | Patuakhali | 453.727 | 2.19 | 1.81 | 2.36 | 2.65 | 2.44 |
| 62 | Chittagong | Khagrachhari | 194.887 | 2.55 | 2.26 | 2.84 | 2.31 | 1.98 |
| 63 | Chittagong | Rangamati | 83.074 | 2.59 | 1.87 | 1.84 | 2.21 | 1.78 |
| 64 | Chittagong | Bandarban | 66.518 | 2.69 | 2.32 | 1.95 | 2.13 | 1.87 |

*Note: Ranking in descending order of population density by district*
***Source: BBS***

**Table 100: Land Utilization Statistics of Bangladesh, 1984-85 to 2005-06**

**(in 000 acres)**

| Year | Single Cropped | Double Cropped | Triple Cropped | Net Area Cropped | Total Area Cropped | Intensity of Cropping |
|---|---|---|---|---|---|---|
| 1984-85 | 11682 | 8199 | 1472 | 21353 | 32496 | 152 |
| 1985-86 | 11516 | 8492 | 1653 | 21661 | 33459 | 154 |
| 1986-87 | 10781 | 9189 | 1908 | 21878 | 34883 | 159 |
| 1987-88 | 9168 | 8949 | 2361 | 20478 | 34148 | 167 |
| 1988-89 | 8825 | 8908 | 2415 | 20148 | 33887 | 168 |
| 1989-90 | 8980 | 9191 | 2463 | 20633 | 34750 | 168 |
| 1990-91 | 8140 | 9634 | 2424 | 20198 | 34680 | 172 |
| 1991-92 | 7702 | 9623 | 2391 | 19716 | 34121 | 173 |
| 1992-93 | 6411 | 9996 | 2485 | 18892 | 33858 | 179 |
| 1993-94 | 7229 | 9497 | 2364 | 19090 | 33315 | 175 |
| 1994-95 | 7228 | 9530 | 2375 | 19133 | 33413 | 175 |
| 1995-96 | 7875 | 8702 | 2704 | 19281 | 33391 | 173 |
| 1996-97 | 7196 | 9722 | 2483 | 19401 | 34089 | 176 |
| 1997-98 | 7083 | 10094 | 2513 | 19690 | 34810 | 177 |
| 1998-99 | 7408 | 9914 | 2419 | 19741 | 34493 | 175 |
| 1999-00 | 7395 | 10246 | 2460 | 20101 | 35267 | 175 |
| 2000-01 | 7141 | 10293 | 2536 | 19970 | 35335 | 177 |
| 2001-02 | 7097 | 10200 | 2527 | 19824 | 35076 | 177 |
| 2002-03 | 7108 | 10193 | 2544 | 19845 | 35126 | 177 |
| 2003-04 | 7094 | 10212 | 2538 | 19843 | 35129 | 177 |
| 2004-05 | 7091 | 10082 | 2530 | 19703 | 34845 | 177 |
| 2005-06 | 7041 | 9841 | 2407 | 19289 | 33944 | 176 |

***Source: BBS, Statistical Pocketbooks of Bangladesh, Various Years***

**Table 101: Intensity of Cropping Statistics of Bangladesh, by Former Districts, 1999-00 to 2004-05**

| | Year | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **District** | **1999-00** | **2000-01** | **2001-02** | **2002-03** | **2003-04** | **2004-05** | **mean** | **Stdev** |
| Bandarban | 146.38 | 144.28 | 143.08 | 140.91 | 142.42 | 138.46 | 142.59 | 2.73 |
| Chittagong | 173.96 | 179.95 | 179.58 | 179.21 | 178.74 | 177.74 | 178.20 | 2.21 |
| Comilla | 191.62 | 190.42 | 189.68 | 190.25 | 183.64 | 176.47 | 187.01 | 5.88 |
| Khagrachhari | 163.04 | 160 | 159.02 | 157.31 | 168.05 | 166.15 | 162.26 | 4.23 |
| Noakhali | 185.3 | 187.4 | 187.38 | 188.06 | 186.39 | 182.03 | 186.09 | 2.21 |
| Rangamati | 144.44 | 154.08 | 156.56 | 154.45 | 156.86 | 153 | 153.23 | 4.56 |
| Sylhet | 146.63 | 147.84 | 145.65 | 145.62 | 144.34 | 148.96 | 146.51 | 1.67 |
| Dhaka | 173.9 | 173.91 | 176.06 | 175.85 | 175.42 | 172.82 | 174.66 | 1.30 |
| Faridpur | 182.42 | 181.81 | 182.31 | 182.05 | 186.06 | 183.14 | 182.97 | 1.58 |
| Jamalpur | 197.91 | 198.08 | 200.17 | 199.82 | 199.65 | 199.82 | 199.24 | 0.98 |
| Kishoreganj | 165.79 | 164.38 | 161.19 | 160.58 | 156.3 | 157.41 | 160.94 | 3.73 |
| Mymensingh | 193.99 | 196.07 | 195.34 | 194.87 | 196.02 | 196.8 | 195.52 | 1.00 |
| Tangail | 175.16 | 194.42 | 187.39 | 187.42 | 187.41 | 186.32 | 186.35 | 6.22 |
| Barisal | 171.09 | 170.94 | 170.99 | 170.51 | 168.87 | 166.26 | 169.78 | 1.91 |
| Jessore | 192.9 | 195.45 | 198.22 | 199.9 | 202.91 | 208.5 | 199.65 | 5.55 |
| Khulna | 136.93 | 133.92 | 134.33 | 136.36 | 137.81 | 134.66 | 135.67 | 1.58 |
| Kushtia | 195.6 | 194.45 | 196.51 | 196.7 | 201.82 | 201.15 | 197.71 | 3.04 |
| Patuakhali | 146.12 | 149.94 | 151.76 | 151.93 | 156.5 | 156.05 | 152.05 | 3.89 |
| Bogra | 209.52 | 209.7 | 209.78 | 209.13 | 212 | 214.73 | 210.81 | 2.17 |
| Dinajpur | 185.74 | 189.8 | 187.45 | 187.34 | 187.89 | 187.69 | 187.65 | 1.30 |
| Pabna | 191.63 | 191.52 | 193.65 | 194.05 | 197.18 | 199.48 | 194.59 | 3.16 |
| Rajshahi | 148.17 | 150.38 | 153.12 | 153.98 | 154.92 | 157.41 | 153.00 | 3.30 |
| Rangpur | 201.99 | 202.02 | 200.06 | 199.93 | 194.58 | 196.17 | 199.13 | 3.08 |
| **Bangladesh** | **175.45** | **176.94** | **176.94** | **177** | **177.03** | **176.85** | **176.70** | **0.62** |
| ***Source: BBS, Statistical Yearbooks of Bangladesh, Various Years*** | | | | | | | | |

**Table 102: Percent of High Yielding Variety (HYV) in Cropped Area by Former Districts, 2001-02 to 2005-06**

| District | Crop | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|---|---|---|---|---|---|---|
| Bandarban | Aus | 20.897 | 22.008 | 21.919 | 22.842 | 23.642 |
| | Aman | 89.815 | 89.622 | 90.016 | 90.227 | 92.129 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Chittagong | Aus | 51.294 | 55.284 | 58.193 | 65.898 | 71.612 |
| | Aman | 81.901 | 84.078 | 84.805 | 85.057 | 85.343 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Comilla | Aus | 62.248 | 60.638 | 56.942 | 71.278 | 75.219 |
| | Aman | 47.586 | 49.759 | 49.005 | 58.482 | 56.319 |
| | Boro | 98.595 | 98.630 | 98.576 | 98.731 | 98.883 |
| Khagrachhari | Aus | 76.538 | 75.993 | 76.150 | 79.344 | 76.219 |
| | Aman | 93.443 | 93.679 | 95.366 | 94.282 | 95.085 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Noakhali | Aus | 38.636 | 36.757 | 38.169 | 37.549 | 36.526 |
| | Aman | 33.567 | 33.614 | 35.287 | 33.685 | 35.125 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Rangamati | Aus | 37.714 | 32.492 | 36.034 | 68.093 | 29.748 |
| | Aman | 98.130 | 98.240 | 98.170 | 98.032 | 98.132 |
| | Boro | 99.876 | 99.873 | 100.000 | 100.000 | 100.000 |
| Sylhet | Aus | 50.465 | 50.433 | 58.436 | 59.166 | 59.944 |
| | Aman | 35.650 | 35.438 | 36.002 | 41.720 | 44.699 |
| | Boro | 58.683 | 64.435 | 51.579 | 62.934 | 65.276 |
| Dhaka | Aus | 14.340 | 14.171 | 13.860 | 21.090 | 26.401 |
| | Aman | 34.390 | 35.872 | 38.282 | 39.760 | 44.176 |
| | Boro | 97.420 | 97.617 | 97.787 | 97.694 | 97.852 |
| Faridpur | Aus | 0.015 | 0.016 | 0.064 | 0.104 | 0.218 |
| | Aman | 14.792 | 18.089 | 16.669 | 20.082 | 26.086 |
| | Boro | 94.967 | 95.002 | 96.487 | 96.616 | 96.685 |
| Jamalpur | Aus | 30.600 | 34.773 | 30.639 | 33.905 | 56.238 |
| | Aman | 45.955 | 48.287 | 48.840 | 54.736 | 58.047 |
| | Boro | 96.925 | 96.654 | 97.575 | 98.076 | 98.533 |
| Kishoreganj | Aus | 69.422 | 73.351 | 69.085 | 69.878 | 78.712 |
| | Aman | 58.299 | 57.638 | 55.260 | 58.904 | 62.239 |
| | Boro | 92.598 | 92.955 | 93.105 | 93.773 | 94.993 |
| Mymensingh | Aus | 69.466 | 70.116 | 68.791 | 74.798 | 87.287 |
| | Aman | 48.363 | 49.510 | 52.155 | 52.436 | 56.269 |
| | Boro | 97.899 | 98.134 | 98.383 | 98.490 | 98.678 |
| Tangail | Aus | 17.423 | 20.869 | 19.531 | 29.110 | 43.291 |
| | Aman | 37.587 | 36.253 | 41.784 | 44.367 | 48.534 |

| District | Crop | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|---|---|---|---|---|---|---|
| | Boro | 99.022 | 99.141 | 99.195 | 99.353 | 99.363 |
| Barisal | Aus | 23.397 | 24.458 | 25.061 | 24.838 | 35.484 |
| | Aman | 5.373 | 7.234 | 8.284 | 8.297 | 14.636 |
| | Boro | 96.663 | 96.279 | 96.113 | 95.857 | 93.325 |
| Jessore | Aus | 42.505 | 45.486 | 42.236 | 55.322 | 60.966 |
| | Aman | 61.753 | 80.478 | 82.193 | 82.419 | 85.920 |
| | Boro | 99.420 | 99.553 | 99.601 | 99.680 | 99.754 |
| Khulna | Aus | 48.130 | 49.327 | 52.250 | 47.091 | 48.434 |
| | Aman | 50.426 | 49.859 | 52.330 | 54.904 | 58.780 |
| | Boro | 92.610 | 92.794 | 93.256 | 93.116 | 95.001 |
| Kushtia | Aus | 32.150 | 35.245 | 33.002 | 54.269 | 63.664 |
| | Aman | 93.838 | 95.364 | 95.464 | 96.994 | 98.506 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Patuakhali | Aus | 16.758 | 18.480 | 25.149 | 32.110 | 31.928 |
| | Aman | 24.098 | 20.716 | 18.505 | 19.081 | 20.159 |
| | Boro | 30.769 | 29.365 | 26.887 | 28.116 | 1.899 |
| Bogra | Aus | 99.557 | 99.443 | 99.553 | 99.591 | 100.000 |
| | Aman | 72.285 | 72.193 | 73.915 | 71.550 | 82.528 |
| | Boro | 99.781 | 99.791 | 99.794 | 99.812 | 99.811 |
| Dinajpur | Aus | 89.712 | 89.956 | 89.348 | 89.351 | 100.000 |
| | Aman | 54.907 | 58.213 | 63.034 | 65.834 | 74.030 |
| | Boro | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Pabna | Aus | 1.082 | 0.964 | 0.950 | 1.152 | 12.662 |
| | Aman | 49.228 | 49.321 | 48.166 | 49.953 | 52.011 |
| | Boro | 99.188 | 99.211 | 99.201 | 98.685 | 98.507 |
| Rajshahi | Aus | 47.452 | 53.424 | 54.319 | 64.781 | 70.831 |
| | Aman | 82.290 | 81.178 | 80.975 | 81.185 | 78.570 |
| | Boro | 99.783 | 99.804 | 99.830 | 99.903 | 99.919 |
| Rangpur | Aus | 38.120 | 35.419 | 16.724 | 14.019 | 17.634 |
| | Aman | 69.457 | 70.983 | 72.989 | 74.584 | 79.316 |
| | Boro | 99.867 | 99.857 | 99.696 | 99.806 | 99.804 |
| **Bangladesh** | **Aus** | **36.199** | **37.520** | **37.596** | **44.013** | **49.974** |
| | **Aman** | **50.010** | **51.711** | **52.591** | **55.039** | **58.823** |
| | **Boro** | **94.640** | **95.372** | **94.718** | **95.375** | **95.715** |

***Source: BBS, Yearbook of Agricultural Statistics, Various Years***

**Table 93: Percentages of Non-firm and Farm Households by Land Ownership by District, 2005-06**

| | Non-Farm HH % | Farm HH % | Marginal 0.05-0.49 % | Small 0.50-2.49 % | Medium 2.50-7.49 % | Large 7.50+ % |
|---|---|---|---|---|---|---|
| **Bangladesh** | **46.427** | **53.573** | **38.629** | **49.854** | **10.344** | **1.173** |
| | | | | | | |
| **Barisal Div.** | **26.869** | **73.131** | **47.128** | **39.325** | **11.937** | **1.611** |
| Barisal | 25.958 | 74.042 | 48.587 | 42.967 | 7.871 | 0.576 |
| Bhola | 33.351 | 66.649 | 45.048 | 41.903 | 11.556 | 1.493 |
| Jhalokati | 23.127 | 76.873 | 53.534 | 34.705 | 11.103 | 0.659 |
| Pirojpur | 20.164 | 79.836 | 49.228 | 38.456 | 11.117 | 1.199 |
| Barguna | 21.641 | 78.359 | 43.898 | 38.165 | 15.486 | 2.451 |
| Patuakhali | 31.382 | 68.618 | 43.689 | 34.237 | 18.194 | 3.880 |
| **Chittagong Div.** | **47.671** | **52.329** | **42.980** | **49.049** | **7.328** | **0.643** |
| Bandarban | 30.665 | 69.335 | 21.214 | 42.810 | 29.719 | 6.260 |
| Chittagong | 70.818 | 29.182 | 45.123 | 48.339 | 6.078 | 0.460 |
| Cox's Bazar | 52.035 | 47.965 | 44.159 | 47.990 | 7.401 | 0.450 |
| Brahmanbaria | 41.010 | 58.990 | 32.747 | 59.730 | 7.006 | 0.517 |
| Chandpur | 41.797 | 58.203 | 53.679 | 43.071 | 3.144 | 0.105 |
| Comilla | 35.804 | 64.196 | 44.354 | 51.904 | 3.633 | 0.109 |
| Khagrachhari | 24.375 | 75.625 | 27.045 | 54.005 | 17.448 | 1.501 |
| Feni | 40.044 | 59.956 | 46.300 | 47.619 | 5.778 | 0.303 |
| Lakshmipur | 30.592 | 69.408 | 52.656 | 41.615 | 5.347 | 0.382 |
| Noakhali | 37.071 | 62.929 | 43.331 | 46.716 | 8.720 | 1.233 |
| Rangamati | 39.308 | 60.692 | 14.366 | 47.175 | 35.527 | 2.933 |
| **Dhaka Div.** | **55.181** | 44.819 | **37.295** | **53.002** | **8.879** | **0.824** |
| Dhaka | 88.806 | 11.194 | 51.486 | 41.347 | 6.328 | 0.840 |
| Gazipur | 60.056 | 39.944 | 43.580 | 48.976 | 6.920 | 0.525 |
| Manikganj | 42.697 | 57.303 | 35.036 | 57.468 | 7.177 | 0.318 |
| Munshiganj | 59.729 | 40.271 | 47.290 | 45.261 | 6.875 | 0.574 |
| Narayanganj | 79.815 | 20.185 | 50.999 | 44.635 | 4.036 | 0.330 |
| Narsingdi | 46.735 | 53.265 | 42.895 | 51.874 | 5.052 | 0.180 |
| Faridpur | 42.013 | 57.987 | 32.679 | 55.153 | 11.410 | 0.758 |
| Gopalganj | 33.471 | 66.529 | 26.081 | 57.201 | 15.519 | 1.201 |
| Madaripur | 37.994 | 62.006 | 32.863 | 56.202 | 10.343 | 0.592 |
| Rajbari | 41.877 | 58.123 | 33.639 | 55.611 | 10.006 | 0.744 |
| Shariatpur | 27.832 | 72.168 | 40.450 | 52.078 | 7.088 | 0.384 |
| Jamalpur | 38.287 | 61.713 | 35.608 | 55.093 | 8.606 | 0.694 |
| Sherpur | 36.837 | 63.163 | 34.007 | 54.967 | 10.073 | 0.953 |
| Kishoreganj | 46.766 | 53.234 | 33.616 | 54.703 | 10.144 | 1.537 |
| Netrokona | 37.795 | 62.205 | 29.104 | 52.991 | 15.351 | 2.555 |
| Mymensingh | 42.161 | 57.839 | 34.888 | 55.417 | 8.969 | 0.726 |
| Tangail | 32.598 | 67.402 | 39.465 | 53.134 | 6.895 | 0.506 |

| | Non-Farm HH % | Farm HH % | Marginal 0.05-0.49 % | Small 0.50-2.49 % | Medium 2.50-7.49 % | Large 7.50+ % |
|---|---|---|---|---|---|---|
| **Khulna Div.** | **40.853** | 59.147 | **40.186** | **48.238** | **10.504** | **1.072** |
| Jessore | 38.824 | 61.176 | 41.588 | 49.622 | 8.082 | 0.709 |
| Jhenaidah | 32.978 | 67.022 | 35.595 | 52.271 | 11.278 | 0.856 |
| Magura | 33.488 | 66.512 | 35.741 | 51.753 | 11.911 | 0.594 |
| Narail | 22.027 | 77.973 | 30.317 | 53.794 | 15.080 | 0.808 |
| Bagerhat | 28.364 | 71.636 | 43.809 | 40.329 | 13.842 | 2.020 |
| Khulna | 63.847 | 36.153 | 42.808 | 43.384 | 11.708 | 2.099 |
| Satkhira | 45.461 | 54.539 | 50.094 | 40.456 | 8.309 | 1.141 |
| Chuadanga | 33.435 | 66.565 | 35.863 | 52.348 | 10.903 | 0.887 |
| Kushtia | 44.608 | 55.392 | 40.290 | 50.829 | 8.278 | 0.603 |
| Meherpur | 30.445 | 69.555 | 33.842 | 55.785 | 9.607 | 0.765 |
| **Rajshahi Div.** | **42.941** | 57.059 | **34.651** | **51.879** | **12.006** | **1.464** |
| Bogra | 43.022 | 56.978 | 36.772 | 53.709 | 8.918 | 0.601 |
| Joypurhat | 35.117 | 64.883 | 32.302 | 55.286 | 11.134 | 1.277 |
| Dinajpur | 45.698 | 54.302 | 28.309 | 51.955 | 17.106 | 2.630 |
| Panchagarh | 36.488 | 63.512 | 25.835 | 54.849 | 16.701 | 2.615 |
| Thakurgaon | 30.058 | 69.942 | 24.253 | 54.697 | 17.925 | 3.125 |
| Pabna | 50.744 | 49.256 | 34.226 | 52.241 | 12.155 | 1.379 |
| Sirajganj | 48.882 | 51.118 | 34.978 | 53.980 | 10.125 | 0.917 |
| Naogaon | 35.334 | 64.666 | 30.359 | 51.426 | 15.819 | 2.395 |
| Natore | 37.392 | 62.608 | 36.158 | 49.751 | 12.131 | 1.960 |
| Nawabganj | 50.314 | 49.686 | 32.316 | 48.204 | 17.291 | 2.189 |
| Rajshahi | 44.788 | 55.212 | 40.399 | 48.966 | 9.617 | 1.018 |
| Gaibandha | 44.364 | 55.636 | 40.382 | 51.052 | 7.840 | 0.726 |
| Kurigram | 39.730 | 60.270 | 41.308 | 49.279 | 8.583 | 0.829 |
| Lalmonirhat | 38.849 | 61.151 | 39.161 | 49.922 | 10.080 | 0.837 |
| Nilphamari | 42.799 | 57.201 | 33.580 | 52.475 | 12.739 | 1.206 |
| Rangpur | 46.622 | 53.378 | 36.608 | 52.669 | 9.802 | 0.921 |
| **Sylhet Div.** | **41.857** | 58.143 | **35.434** | **46.854** | **15.186** | **2.526** |
| Hobiganj | 39.684 | 60.316 | 30.319 | 50.904 | 16.414 | 2.363 |
| Moulavibazar | 32.557 | 67.443 | 42.341 | 47.307 | 9.552 | 0.800 |
| Sunamganj | 41.821 | 58.179 | 21.157 | 52.120 | 21.344 | 5.380 |
| Sylhet | 49.648 | 50.352 | 46.896 | 38.051 | 13.462 | 1.590 |

***Source: BBS, Yearbook of Agricultural Statistics, 2005-06***

**Table 94: Literacy Rate for Persons aged 7 years and above by District, 1991 and 2001**

| Ranking (from lowest as of 1991) | | 1991 | | | 2001 | | |
|---|---|---|---|---|---|---|---|
| | | **Both** | **Male** | **Female** | **Both** | **Male** | **Female** |
| | **Bangladesh** | **32.400** | **38.900** | **25.450** | **46.150** | **50.270** | **41.800** |
| 1 | Sherpur | 19.490 | 24.630 | 14.090 | 31.890 | 35.040 | 28.550 |
| 2 | Jamalpur | 21.480 | 26.640 | 16.000 | 31.800 | 35.440 | 28.020 |
| 3 | Cox's Bazar | 21.890 | 28.160 | 14.900 | 30.180 | 34.010 | 26.000 |
| 4 | Sunamganj | 22.290 | 27.550 | 16.730 | 34.370 | 38.070 | 30.470 |
| 5 | Kurigram | 22.330 | 29.860 | 14.700 | 33.450 | 39.420 | 27.550 |
| 6 | Meherpur | 23.110 | 27.360 | 18.620 | 37.800 | 39.890 | 35.600 |
| 7 | Kishoreganj | 23.270 | 28.460 | 17.840 | 38.270 | 41.350 | 35.110 |
| 8 | Lalmonirhat | 23.810 | 31.400 | 15.690 | 42.330 | 48.190 | 36.250 |
| 9 | Bandarban | 23.820 | 32.190 | 13.460 | 31.670 | 38.240 | 23.670 |
| 10 | Nawabganj | 23.840 | 28.450 | 19.100 | 35.920 | 37.370 | 34.440 |
| 11 | Bhola | 23.950 | 28.580 | 19.000 | 36.890 | 39.500 | 34.090 |
| 12 | Gaibandha | 24.340 | 31.630 | 16.930 | 35.730 | 40.870 | 30.510 |
| 13 | Shariatpur | 24.410 | 30.310 | 18.450 | 38.950 | 42.170 | 35.770 |
| 14 | Hobiganj | 24.550 | 30.410 | 18.540 | 37.720 | 41.760 | 33.620 |
| 15 | Chuadanga | 25.240 | 30.510 | 19.560 | 40.880 | 43.520 | 38.080 |
| 16 | Nilphamari | 25.350 | 33.160 | 16.980 | 38.840 | 44.730 | 32.580 |
| 17 | Mymensingh | 25.470 | 30.700 | 19.950 | 39.110 | 41.860 | 36.260 |
| 18 | Kushtia | 25.770 | 30.850 | 20.280 | 40.370 | 43.400 | 37.190 |
| 19 | Jhenaidah | 25.850 | 32.340 | 18.900 | 44.660 | 48.780 | 40.260 |
| 20 | Netrokona | 25.970 | 31.220 | 20.440 | 34.940 | 37.880 | 31.880 |
| 21 | Khagrachhari | 26.320 | 34.640 | 16.860 | 41.810 | 49.940 | 32.650 |
| 22 | Rajbari | 26.430 | 32.700 | 19.680 | 39.810 | 43.660 | 35.750 |
| 23 | Brahmanbaria | 26.590 | 32.660 | 20.320 | 39.460 | 42.260 | 36.690 |
| 24 | Rangpur | 26.700 | 33.520 | 19.400 | 41.910 | 46.500 | 37.060 |
| 25 | Pabna | 26.830 | 31.790 | 21.460 | 42.440 | 45.180 | 39.500 |
| 26 | Manikganj | 26.910 | 33.680 | 20.070 | 41.020 | 46.030 | 35.980 |
| 27 | Natore | 26.950 | 32.990 | 20.550 | 41.550 | 45.450 | 37.410 |
| 28 | Sirajganj | 27.000 | 33.410 | 20.170 | 40.590 | 45.460 | 35.360 |
| 29 | Thakurgaon | 27.340 | 36.800 | 17.160 | 41.820 | 48.440 | 34.770 |
| 30 | Faridpur | 27.840 | 34.610 | 20.750 | 40.850 | 44.640 | 36.960 |
| 31 | Magura | 28.210 | 35.230 | 20.860 | 44.710 | 49.160 | 40.100 |
| 32 | Naogaon | 28.360 | 35.930 | 20.440 | 44.390 | 49.420 | 39.120 |
| 33 | Bogra | 28.410 | 35.400 | 21.000 | 42.890 | 47.990 | 37.530 |
| 34 | Tangail | 29.420 | 36.130 | 22.420 | 40.460 | 44.940 | 35.880 |
| 35 | Narsingdi | 29.570 | 35.030 | 23.660 | 42.910 | 46.140 | 39.500 |
| 36 | Dinajpur | 29.850 | 37.780 | 21.270 | 45.670 | 51.520 | 39.990 |
| 37 | Joypurhat | 30.170 | 37.470 | 22.190 | 49.620 | 55.010 | 43.950 |
| 38 | Satkhira | 30.540 | 39.730 | 21.000 | 45.520 | 51.840 | 38.910 |
| 39 | Panchagarh | 30.580 | 39.830 | 20.790 | 43.890 | 50.120 | 37.330 |

| Ranking (from lowest as of 1991) | | 1991 | | | 2001 | | |
|---|---|---|---|---|---|---|---|
| | **Bangladesh** | **Both** **32.400** | **Male** **38.900** | **Female** **25.450** | **Both** **46.150** | **Male** **50.270** | **Female** **41.800** |
| 40 | Rajshahi | 30.590 | 37.640 | 23.160 | 47.540 | 52.270 | 42.480 |
| 41 | Moulavibazar | 30.840 | 36.830 | 24.560 | 42.060 | 45.590 | 38.450 |
| 42 | Lakshmipur | 32.250 | 38.790 | 29.740 | 42.940 | 44.250 | 41.660 |
| 43 | Madaripur | 32.560 | 39.960 | 24.890 | 42.140 | 46.870 | 37.290 |
| 44 | Comilla | 33.140 | 40.200 | 26.030 | 45.990 | 49.370 | 42.640 |
| 45 | Jessore | 33.370 | 41.020 | 25.070 | 51.290 | 56.150 | 46.090 |
| 46 | Sylhet | 33.850 | 39.870 | 27.490 | 45.590 | 49.430 | 41.550 |
| 47 | Narail | 35.650 | 42.230 | 28.930 | 48.560 | 52.380 | 44.690 |
| 48 | Munshiganj | 35.820 | 40.250 | 31.140 | 51.620 | 45.130 | 49.070 |
| 49 | Patuakhali | 36.410 | 42.650 | 30.050 | 51.650 | 55.540 | 47.730 |
| 50 | Rangamati | 36.480 | 45.820 | 24.680 | 43.600 | 51.470 | 34.210 |
| 51 | Gazipur | 36.610 | 43.160 | 29.350 | 56.400 | 60.470 | 51.900 |
| 52 | Noakhali | 37.070 | 42.950 | 31.480 | 51.670 | 53.510 | 49.900 |
| 53 | Chandpur | 37.810 | 42.720 | 32.990 | 50.290 | 51.910 | 48.740 |
| 54 | Gopalganj | 38.230 | 44.730 | 31.640 | 51.370 | 55.230 | 47.440 |
| 55 | Narayanganj | 39.840 | 46.230 | 32.240 | 51.750 | 55.930 | 46.900 |
| 56 | Barguna | 40.140 | 45.150 | 35.050 | 55.590 | 57.700 | 52.830 |
| 57 | Feni | 40.650 | 48.210 | 33.150 | 54.270 | 57.470 | 51.190 |
| 58 | Barisal | 43.040 | 47.890 | 37.910 | 56.990 | 59.010 | 54.920 |
| 59 | Chittagong | 43.200 | 50.280 | 34.990 | 55.550 | 59.790 | 50.830 |
| 60 | Khulna | 43.860 | 52.160 | 34.560 | 57.810 | 63.260 | 51.830 |
| 61 | Bagerhat | 44.330 | 49.540 | 38.860 | 58.730 | 60.820 | 56.490 |
| 62 | Pirojpur | 48.610 | 52.890 | 44.270 | 54.310 | 65.580 | 63.020 |
| 63 | Jhalokati | 51.190 | 55.870 | 46.450 | 65.350 | 67.380 | 63.350 |
| 64 | Dhaka | 53.890 | 60.110 | 45.930 | 64.790 | 69.580 | 58.740 |

***Source: BBS, Statistical Yearbook, 2008***

**Table 95: Road Density by District, 2000 to 2005 (in meter per square k.m.)**

| Ranking | District | Total R&H 2000 | Total R&H 2004 | Total R&H 2005 |
|---|---|---|---|---|
| 1 | Rangamati | 40.549 | 40.549 | 45.476 |
| 2 | Shariatpur | 41.731 | 41.731 | 34.049 |
| 3 | Khulna | 71.217 | 71.217 | 85.499 |
| 4 | Sunamganj | 72.207 | 72.207 | 78.777 |
| 5 | Jamalpur | 79.232 | 79.232 | 136.294 |
| 6 | Thakurgaon | 86.788 | 86.788 | 92.101 |
| 7 | Patuakhali | 87.051 | 87.051 | 93.847 |
| 8 | Bagerhat | 88.659 | 88.659 | 102.389 |
| 9 | Panchagar | 91.815 | 91.815 | 136.085 |
| 10 | Habiganj | 94.046 | 94.046 | 116.193 |
| 11 | Narail | 95.960 | 95.960 | 154.687 |
| 12 | Netrokona | 96.797 | 96.797 | 136.456 |
| 13 | Chuadanga | 97.582 | 97.582 | 79.603 |
| 14 | Dhaka | 102.459 | 102.459 | 216.694 |
| 15 | Chapai Nawabganj | 104.583 | 104.583 | 127.209 |
| 16 | Dinajpur | 105.876 | 105.876 | 116.414 |
| 17 | Jessore | 112.972 | 112.972 | 127.456 |
| 18 | Tangail | 113.064 | 113.064 | 120.422 |
| 19 | Bandarban | 113.641 | 113.641 | 102.853 |
| 20 | Kurigram | 116.725 | 116.725 | 152.983 |
| 21 | Natore | 117.616 | 117.616 | 167.526 |
| 22 | Maulavibazar | 120.043 | 118.971 | 97.328 |
| 23 | Barguna | 122.271 | 122.271 | 104.503 |
| 24 | Noakhali | 122.744 | 122.744 | 107.509 |
| 25 | Nilphamari | 123.705 | 123.705 | 77.386 |
| 26 | Sylhet | 126.074 | 126.074 | 146.169 |
| 27 | Naogaon | 126.310 | 126.310 | 144.107 |
| 28 | Joypurhat | 131.606 | 130.570 | 199.523 |
| 29 | Gaibandha | 134.006 | 134.006 | 140.913 |
| 30 | Rajshahi | 134.607 | 134.607 | 155.289 |
| 31 | Manikganj | 137.781 | 137.781 | 160.167 |
| 32 | Rangpur | 139.948 | 139.948 | 125.230 |
| 33 | Faridpur | 140.376 | 140.376 | 141.269 |
| 34 | Sirajganj | 145.717 | 145.717 | 150.588 |
| 35 | Lamonirhat | 148.148 | 148.148 | 148.478 |
| 36 | Kushtia | 148.674 | 284.392 | 270.222 |
| 37 | Mymensingh | 148.980 | 148.980 | 116.186 |
| 38 | Bhola | 149.868 | 149.868 | 74.487 |
| 39 | Brahmanbaria | 149.974 | 149.974 | 149.595 |
| 40 | Madaripur | 152.838 | 152.838 | 135.930 |
| 41 | Gazipur | 155.083 | 155.083 | 260.511 |

| Ranking | District | Total R&H 2000 | Total R&H 2004 | Total R&H 2005 |
|---|---|---|---|---|
| 42 | Pabna | 156.896 | 156.896 | 175.888 |
| 43 | Cox's Bazar | 157.705 | 157.705 | 215.405 |
| 44 | Magura | 159.199 | 159.199 | 239.485 |
| 45 | Kishoreganj | 160.283 | 160.283 | 162.361 |
| 46 | Bogra | 171.575 | 171.575 | 209.021 |
| 47 | Khagrachari | 174.074 | 174.074 | 128.185 |
| 48 | Chandpur | 174.883 | 174.883 | 204.043 |
| 49 | Jhenidah | 197.348 | 197.348 | 205.166 |
| 50 | Barisal | 198.137 | 198.137 | 121.265 |
| 51 | Munshiganj | 209.424 | 209.424 | 322.618 |
| 52 | Jhalokati | 212.401 | 212.401 | 229.604 |
| 53 | Rajbari | 215.371 | 215.371 | 141.707 |
| 54 | Satkhira | 225.233 | 225.233 | 192.972 |
| 55 | Chittagong | 232.444 | 232.444 | 179.152 |
| 56 | Narsingdi | 255.916 | 255.916 | 318.440 |
| 57 | Sherpur | 260.264 | 260.264 | 177.676 |
| 58 | Lakshmipur | 264.423 | 264.423 | 208.201 |
| 59 | Narayanganj | 276.680 | 276.680 | 399.183 |
| 60 | Comilla | 292.058 | 292.058 | 227.196 |
| 61 | Meherpur | 307.263 | n.a. | n.a. |
| 62 | Feni | 327.586 | 327.586 | 291.886 |
| 63 | Gopalganj | 334.228 | 334.228 | 189.570 |
| 64 | Pirojpur | 379.969 | 379.969 | 264.946 |

***Source: BBS, Statistical Yearbook***

**Table 96: 14 Maximum Demand for Electricity**

| Year | Maximum Demand | | | % Change over previous year |
|---|---|---|---|---|
| | East Zone | West Zone | System Total | |
| 1994-95 | 1472.000 | 498.000 | 1970.000 | |
| 1995-96 | 1497.000 | 590.400 | 2087.400 | 5.959 |
| 1996-97 | 1594.300 | 520.100 | 2114.400 | 1.293 |
| 1997-98 | 1559.600 | 576.500 | 2136.100 | 1.026 |
| 1998-99 | 1828.000 | 620.500 | 2448.500 | 14.625 |
| 1999-00 | 1878.000 | 787.000 | 2665.000 | 8.842 |
| 2000-01 | 2175.000 | 858.200 | 3033.200 | 13.816 |
| 2001-02 | 2447.000 | 770.500 | 3217.500 | 6.076 |
| 2002-03 | 2511.500 | 916.500 | 3428.000 | 6.542 |
| 2003-04 | 2640.000 | 946.100 | 3586.100 | 4.612 |
| 2004-05 | 2649.500 | 971.300 | 3620.800 | 0.968 |
| 2005-06 | 2809.000 | 973.100 | 3782.100 | 4.455 |
| 2006-07 | 2725.000 | 992.800 | 3717.800 | -1.700 |

***Source: BBS, Statistical Yearbook***

**Table 97: Growth Rate of Male Agricultural Day Laborer's Nominal Daily Wage by Region,**

**1993/94 (July to Dec.) and 2006/07 (July to Dec.)**

| District | Avg. 1993/94 | St. dev. | CV | | | Avg. 2006/07 | St. dev. | CV | | | growth July 93 to 06 | growth Dec 93 to 06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Jul | Dec | | | | Jul | Dec | | |
| Barisal | 37.67 | 2.73 | 7.25 | 39.00 | 41.00 | 107.33 | 2.94 | 2.74 | 104.00 | 110.00 | 7.84 | 7.89 |
| Patuakhali | 34.17 | 8.50 | 24.86 | 43.00 | 41.00 | 106.00 | 3.41 | 3.21 | 105.00 | 100.00 | 7.11 | 7.10 |
| Bandarban | 56.50 | 1.22 | 2.17 | 57.00 | 54.00 | 114.67 | 2.58 | 2.25 | 115.00 | 118.00 | 5.55 | 6.20 |
| Chittagong | 61.83 | 2.48 | 4.02 | 64.00 | 62.00 | 124.83 | 4.49 | 3.60 | 120.00 | 130.00 | 4.95 | 5.86 |
| Comilla | 48.83 | 1.33 | 2.72 | 48.00 | 49.00 | 95.50 | 6.60 | 6.91 | 83.00 | 100.00 | 4.30 | 5.64 |
| Khagrachari | 48.83 | 1.33 | 2.72 | 48.00 | 49.00 | 116.00 | 2.00 | 1.72 | 116.00 | 120.00 | 7.02 | 7.13 |
| Noakhali | 44.33 | 2.34 | 5.27 | 46.00 | 47.00 | 112.67 | 2.07 | 1.83 | 111.00 | 115.00 | 7.01 | 7.13 |
| Rangamati | 50.33 | 2.34 | 4.65 | 51.00 | 48.00 | 118.50 | 1.22 | 1.03 | 120.00 | 117.00 | 6.80 | 7.09 |
| Sylhet | 44.83 | 2.93 | 6.53 | 42.00 | 49.00 | 105.33 | 3.98 | 3.78 | 100.00 | 110.00 | 6.90 | 6.42 |
| Dhaka | 44.17 | 0.75 | 1.70 | 44.00 | 45.00 | 106.33 | 2.50 | 2.35 | 109.00 | 110.00 | 7.23 | 7.12 |
| Faridpur | 33.00 | 0.63 | 1.92 | 33.00 | 33.00 | 99.17 | 3.76 | 3.80 | 95.00 | 105.00 | 8.47 | 9.31 |
| Jamalpur | 31.00 | 3.46 | 11.17 | 30.00 | 34.00 | 99.67 | 0.52 | 0.52 | 100.00 | 100.00 | 9.70 | 8.65 |
| Kishoregonj | 37.17 | 2.40 | 6.46 | 36.00 | 42.00 | 92.50 | 7.15 | 7.73 | 88.00 | 100.00 | 7.12 | 6.90 |
| Mymensingh | 34.00 | 2.00 | 5.88 | 33.00 | 34.00 | 94.50 | 4.64 | 4.91 | 95.00 | 100.00 | 8.47 | 8.65 |
| Tangail | 33.00 | 1.26 | 3.83 | 33.00 | 33.00 | 97.50 | 4.18 | 4.29 | 95.00 | 100.00 | 8.47 | 8.90 |
| Jessore | 31.83 | 2.14 | 6.71 | 31.00 | 32.00 | 85.00 | 6.32 | 7.44 | 80.00 | 90.00 | 7.57 | 8.28 |
| Khulna | 39.50 | 4.76 | 12.06 | 42.00 | 44.00 | 93.83 | 5.04 | 5.37 | 86.00 | 100.00 | 5.67 | 6.52 |
| Kushtia | 39.50 | 4.76 | 12.06 | 42.00 | 44.00 | 83.83 | 4.49 | 5.36 | 75.00 | 85.00 | 4.56 | 5.20 |
| Bogra | 34.33 | 2.88 | 8.37 | 35.00 | 32.00 | 89.33 | 5.89 | 6.59 | 80.00 | 95.00 | 6.57 | 8.73 |
| Dinajpur | 29.17 | 2.23 | 7.64 | 29.00 | 31.00 | 73.17 | 2.23 | 3.05 | 75.00 | 75.00 | 7.58 | 7.03 |
| Pabna | 28.33 | 1.37 | 4.82 | 28.00 | 28.00 | 84.83 | 3.19 | 3.76 | 90.00 | 85.00 | 9.40 | 8.92 |
| Rajshahi | 32.83 | 2.48 | 7.56 | 34.00 | 37.00 | 83.33 | 2.25 | 2.70 | 81.00 | 85.00 | 6.91 | 6.61 |
| Rangpur | 25.00 | 2.10 | 8.39 | 25.00 | 25.00 | 64.33 | 1.03 | 1.61 | 65.00 | 65.00 | 7.63 | 7.63 |
| **Nat. Avg.** | **39.14** | **1.67** | **4.26** | **39.70** | **40.61** | **97.67** | **1.97** | **2.01** | **95.00** | **100.00** | **6.94** | **7.18** |

***Source: BBS, Yearbook of Agricultural Statistics, Various Years***

**Table 98: Growth of Regional Farm and Non-Farm Per Capita Incomes by District and Division,**

**1995-96 to 1999-2000**

| District & Division | Agri. Rpcinc. 1995-96 | Agri. Rpcinc. 1999-2000 | Non-agri. Rpcinc. 1995-96 | Non-agri. Rpcinc. 1999-2000 | Agri. Growth 1995-2000 | Non-Agri. Growth 1995-2000 |
|---|---|---|---|---|---|---|
| Barguna | 5720.22 | 6745.74 | 6370.79 | 7502.13 | 4.21 | 4.17 |
| Barisal | 2951.60 | 3505.30 | 7304.80 | 8467.42 | 4.39 | 3.76 |
| Bhola | 5068.05 | 5792.74 | 6454.44 | 7523.46 | 3.40 | 3.91 |
| Jhalokati | 3296.05 | 3476.25 | 6377.63 | 7338.75 | 1.34 | 3.57 |
| Patuakhali | 6176.92 | 7176.16 | 7022.38 | 8211.26 | 3.82 | 3.99 |
| Pirojpur | 3539.50 | 3938.89 | 6466.39 | 7383.33 | 2.71 | 3.37 |
| **Barisal** | **4329.59** | **4993.61** | **6795.62** | **7897.65** | **3.63** | **3.83** |
| | | | | | | |
| Bandarban | 5422.22 | 5544.83 | 1170.37 | 1362.07 | 0.56 | 3.86 |
| Brahmanbaria | 2711.74 | 3078.33 | 8431.58 | 9286.31 | 3.22 | 2.44 |
| Chandpur | 3134.33 | 3778.23 | 5888.84 | 6820.56 | 4.78 | 3.74 |
| Chittagong | 2350.81 | 2706.50 | 17784.84 | 20742.30 | 3.59 | 3.92 |
| Comilla | 3176.56 | 3443.43 | 6879.78 | 7537.17 | 2.04 | 2.31 |
| Cox's Bazar | 5292.73 | 6432.39 | 8670.91 | 9910.80 | 5.00 | 3.40 |
| Feni | 2738.58 | 3215.56 | 6496.85 | 7305.19 | 4.10 | 2.98 |
| Khagrachari | 3017.50 | 3323.26 | 7747.50 | 9011.63 | 2.44 | 3.85 |
| Lakshmipur | 5061.59 | 5645.63 | 6401.99 | 7420.63 | 2.77 | 3.76 |
| Noakhali | 3483.53 | 4233.21 | 6338.04 | 7419.93 | 4.99 | 4.02 |
| Rangamati | 6343.48 | 7277.08 | 13363.04 | 15754.17 | 3.49 | 4.20 |
| **Chittagong** | **3269.15** | **3759.88** | **9880.09** | **11346.96** | **3.56** | **3.52** |
| | | | | | | |
| Habiganj | 3549.71 | 3846.49 | 7740.57 | 8606.49 | 2.03 | 2.69 |
| Maulavibazar | 3788.54 | 4065.27 | 6620.38 | 7435.93 | 1.78 | 2.95 |
| Sunamganj | 3560.20 | 3960.58 | 6089.29 | 6920.19 | 2.70 | 3.25 |
| Sylhet | 3249.80 | 3589.77 | 7893.17 | 9761.36 | 2.52 | 5.45 |
| **Sylhet** | **3504.50** | **3832.85** | **7146.85** | **8352.00** | **2.26** | **3.97** |
| | | | | | | |
| Dhaka | 346.05 | 399.63 | 31963.08 | 36131.06 | 3.66 | 3.11 |
| Faridpur | 3176.47 | 3628.33 | 6788.82 | 7849.44 | 3.38 | 3.70 |
| Gazipur | 2242.55 | 2541.00 | 22356.38 | 25944.50 | 3.17 | 3.79 |
| Gopalganj | 3300.00 | 3857.60 | 6446.22 | 7373.60 | 3.98 | 3.42 |
| Jamalpur | 3112.68 | 3758.41 | 6655.87 | 7854.42 | 4.83 | 4.23 |
| Kishoreganj | 3754.41 | 4293.09 | 6291.57 | 7279.64 | 3.41 | 3.71 |
| Madaripur | 2780.99 | 3455.12 | 6009.09 | 7007.87 | 5.58 | 3.92 |
| Manikganj | 3325.00 | 3825.18 | 4339.39 | 5378.42 | 3.57 | 5.51 |
| Munshiganj | 2285.71 | 2602.14 | 7690.23 | 8769.29 | 3.29 | 3.34 |
| Mymensingh | 4472.38 | 5252.11 | 6591.09 | 7756.33 | 4.10 | 4.15 |
| Narayanganj | 1020.83 | 1201.00 | 22325.52 | 26006.00 | 4.15 | 3.89 |
| Narsingdi | 2325.53 | 2737.69 | 10625.53 | 12328.64 | 4.16 | 3.79 |
| Netrokona | 5059.90 | 5714.90 | 6104.06 | 7124.52 | 3.09 | 3.94 |
| Rajbari | 3478.95 | 3995.05 | 6497.89 | 7569.31 | 3.52 | 3.89 |
| Shariatpur | 3379.05 | 3913.27 | 5903.81 | 6738.94 | 3.74 | 3.36 |
| Sherpur | 3455.38 | 4075.18 | 6101.54 | 7200.00 | 4.21 | 4.23 |
| Tangail | 2952.79 | 3228.25 | 6535.19 | 7589.47 | 2.25 | 3.81 |
| **Dhaka** | **2683.09** | **3081.70** | **13285.22** | **15414.98** | **3.52** | **3.79** |
| | | | | | | |
| Bagerhat | 4617.79 | 5686.63 | 7055.21 | 8354.65 | 5.34 | 4.32 |
| Chuadanga | 3921.74 | 4671.43 | 7984.78 | 9348.98 | 4.47 | 4.02 |
| Jessore | 4216.60 | 4733.33 | 9034.85 | 10625.88 | 2.93 | 4.14 |
| Jhenaidah | 4579.35 | 5078.18 | 7122.58 | 8333.94 | 2.62 | 4.00 |
| Khulna | 3569.30 | 4233.99 | 13707.46 | 15099.21 | 4.36 | 2.45 |
| Kushtia | 3497.66 | 4125.97 | 8328.07 | 9801.66 | 4.22 | 4.16 |
| Magura | 4990.24 | 5744.83 | 6293.90 | 7439.08 | 3.58 | 4.27 |
| Meherpur | 4282.14 | 5044.07 | 7612.50 | 9172.88 | 4.18 | 4.77 |
| Narail | 5308.33 | 5950.67 | 6325.00 | 7466.67 | 2.90 | 4.24 |
| Satkhira | 4277.35 | 5223.56 | 6941.44 | 8202.09 | 5.12 | 4.26 |
| **Khulna** | **4197.44** | **4908.92** | **8573.53** | **9991.67** | **3.99** | **3.90** |

| District & Division | Agri. Rpcinc. 1995-96 | Agri. Rpcinc. 1999-2000 | Non-agri. Rpcinc. 1995-96 | Non-agri. Rpcinc. 1999-2000 | Agri. Growth 1995-2000 | Non-Agri. Growth 1995-2000 |
|---|---|---|---|---|---|---|
| Bogra | 3541.88 | 4173.70 | 6655.52 | 7954.74 | 4.19 | 4.56 |
| Dinajpur | 4227.69 | 4925.36 | 7095.00 | 8360.51 | 3.89 | 4.19 |
| Gaibandha | 3282.59 | 3707.98 | 5652.68 | 6599.58 | 3.09 | 3.95 |
| Joypurhat | 4470.45 | 5339.78 | 6740.91 | 8027.96 | 4.54 | 4.47 |
| Kurigram | 3383.06 | 4378.87 | 5927.87 | 7088.66 | 6.66 | 4.57 |
| Lalmonirhat | 3619.05 | 4235.45 | 6042.86 | 7270.00 | 4.01 | 4.73 |
| Naogaon | 4321.86 | 5068.32 | 5996.36 | 7124.05 | 4.06 | 4.40 |
| Natore | 4295.45 | 4969.57 | 7603.90 | 9230.43 | 3.71 | 4.97 |
| Nawabganj | 3349.63 | 3951.39 | 6171.85 | 7275.00 | 4.22 | 4.20 |
| Nilphamari | 3433.12 | 3985.89 | 6080.52 | 7133.74 | 3.80 | 4.07 |
| Pabna | 2805.02 | 3564.22 | 9964.84 | 11613.79 | 6.17 | 3.90 |
| Panchagarh | 4432.05 | 5201.22 | 6134.62 | 7345.12 | 4.08 | 4.61 |
| Rajshahi | 2946.85 | 3058.21 | 9217.12 | 9785.82 | 0.93 | 1.51 |
| Rangpur | 3271.89 | 3712.50 | 7409.24 | 8783.71 | 3.21 | 4.35 |
| Serajganj | 2398.46 | 2856.36 | 8124.32 | 9404.00 | 4.46 | 3.72 |
| Thakurgaon | 4582.61 | 5320.49 | 7790.43 | 9083.61 | 3.80 | 3.91 |
| **Rajshahi** | **3554.08** | **4206.85** | **7146.48** | **8455.33** | **4.31** | **4.29** |

**Table 99: Allocation of Public Expenditure (Development) -- Recent Trends**

| Development Expenditure | | | | | ( Taka in Thousand ) | |
|---|---|---|---|---|---|---|
| District | 2006-07 | | 2007-08 | | 2008-09 (Upto March) | |
| | Actual | Per capita | Actual | Per capita | Actual | Per capita |
| Dhaka | 18,440,244 | 2.035 | 16,832,243 | 1.857 | 6,457,023 | 0.713 |
| Narayanganj | 4,315,195 | 1.864 | 3,084,685 | 1.333 | 979,068 | 0.423 |
| Munshiganj | 3,608,165 | 2.619 | 1,787,134 | 1.297 | 774,149 | 0.562 |
| Manikganj | 2,378,153 | 1.738 | 2,161,739 | 1.580 | 758,914 | 0.555 |
| Gazipur | 5,109,497 | 2.362 | 5,100,798 | 2.358 | 2,411,477 | 1.115 |
| Narsingdi | 4,887,213 | 2.421 | 3,117,675 | 1.544 | 1,056,650 | 0.523 |
| Faridpur | 3,025,562 | 1.618 | 2,453,185 | 1.312 | 1,458,123 | 0.780 |
| Rajbari | 1,060,005 | 1.046 | 1,089,068 | 1.075 | 460,650 | 0.455 |
| Gopalganj | 1,818,880 | 1.466 | 1,777,569 | 1.433 | 909,587 | 0.733 |
| Madaripur | 1,489,019 | 1.220 | 1,457,036 | 1.194 | 760,147 | 0.623 |
| Shariatpur | 1,739,169 | 1.509 | 2,407,116 | 2.089 | 991,925 | 0.861 |
| Tangail | 4,160,525 | 1.187 | 3,495,794 | 0.998 | 1,364,073 | 0.389 |
| Jamalpur | 2,814,511 | 1.254 | 2,233,966 | 0.996 | 999,234 | 0.445 |
| Sherpur | 1,431,126 | 1.050 | 1,526,921 | 1.121 | 560,864 | 0.412 |
| Mymensingh | 3,975,613 | 0.832 | 4,395,705 | 0.920 | 1,906,972 | 0.399 |
| Netrokona | 2,602,165 | 1.229 | 2,385,643 | 1.127 | 1,327,527 | 0.627 |
| Kishoreganj | 2,466,505 | 0.893 | 3,167,648 | 1.147 | 1,307,185 | 0.473 |
| **Dhaka Division** | **65,321,546** | **1.571** | **58,473,925** | **1.407** | **24,483,567** | **0.589** |
| | | | | | | |
| Chittagong | 13,159,876 | 1.869 | 9,590,203 | 1.362 | 6,021,030 | 0.855 |
| Cox's Bazar | 4,293,809 | 2.274 | 3,304,685 | 1.750 | 840,547 | 0.445 |
| Rangamati | 5,348,414 | 9.885 | 4,370,133 | 8.077 | 2,570,956 | 4.752 |
| Bandarban | 1,430,262 | 4.506 | 1,559,521 | 4.913 | 643,730 | 2.028 |
| Khagrachori | 1,656,434 | 2.960 | 2,307,560 | 4.123 | 803,826 | 1.436 |
| Comilla | 11,838,272 | 2.419 | 7,788,233 | 1.592 | 3,649,269 | 0.746 |
| Chandpur | 3,730,216 | 1.543 | 2,664,986 | 1.102 | 1,220,709 | 0.505 |
| Brahmanbaria | 3,117,586 | 1.221 | 3,186,584 | 1.248 | 1,712,356 | 0.671 |
| Noakhali | 3,094,904 | 1.128 | 4,509,121 | 1.643 | 2,613,490 | 0.952 |
| Feni | 2,353,311 | 1.782 | 2,180,674 | 1.651 | 1,537,114 | 1.164 |
| Lakshmipur | 3,621,558 | 2.283 | 3,188,340 | 2.010 | 1,135,729 | 0.716 |
| **Chittagong Division** | **53,644,640** | **2.074** | **44,650,040** | **1.726** | **22,748,755** | **0.880** |
| | | | | | | |
| Rajshahi | 4,791,517 | 1.968 | 4,156,184 | 1.707 | 2,041,266 | 0.838 |
| Naogaon | 2,983,438 | 1.172 | 2,568,163 | 1.009 | 1,211,550 | 0.476 |
| Nawabganj | 1,474,330 | 0.972 | 1,462,892 | 0.964 | 592,038 | 0.390 |
| Natore | 2,665,674 | 1.646 | 2,137,338 | 1.320 | 823,199 | 0.508 |
| Bogra | 7,105,944 | 2.215 | 4,850,150 | 1.512 | 1,929,340 | 0.601 |
| Jaipurhat | 912,032 | 1.012 | 919,822 | 1.020 | 270,789 | 0.300 |
| Rangpur | 2,206,202 | 0.815 | 2,747,169 | 1.015 | 2,088,731 | 0.772 |

| Development Expenditure | | | | | ( Taka in Thousand ) | |
|---|---|---|---|---|---|---|
| District | 2006-07 | | 2007-08 | | 2008-09 (Upto March) | |
| | Actual | Per capita | Actual | Per capita | Actual | Per capita |
| Nilphamari | 1,296,114 | 0.775 | 1,546,051 | 0.924 | 1,116,180 | 0.667 |
| Kurigram | 2,544,704 | 1.334 | 2,362,608 | 1.238 | 962,512 | 0.504 |
| Lalmonirhat | 1,255,070 | 1.063 | 1,145,093 | 0.969 | 691,547 | 0.585 |
| Gaibandha | 1,501,548 | 0.660 | 1,520,869 | 0.668 | 896,907 | 0.394 |
| Dinajpur | 4,484,554 | 1.594 | 2,266,956 | 0.806 | 960,311 | 0.341 |
| Thakurgaon | 926,073 | 0.716 | 1,035,581 | 0.801 | 383,508 | 0.297 |
| Panchagarh | 1,288,769 | 1.448 | 1,648,536 | 1.852 | 458,360 | 0.515 |
| Pabna | 2,082,855 | 0.899 | 3,060,284 | 1.321 | 1,695,272 | 0.732 |
| Sirajganj | 3,259,726 | 1.137 | 2,682,750 | 0.935 | 2,188,241 | 0.763 |
| **Rajshahi Division** | **40,778,550** | **1.268** | **36,110,449** | **1.123** | **18,309,750** | **0.569** |
| | | | | | | |
| Khulna | 4,444,806 | 1.755 | 4,938,189 | 1.950 | 2,641,141 | 1.043 |
| Bagerhat | 2,824,016 | 1.712 | 2,660,301 | 1.613 | 1,081,572 | 0.656 |
| Satkhira | 1,733,984 | 0.873 | 1,776,007 | 0.895 | 825,665 | 0.416 |
| Jessore | 2,738,257 | 1.041 | 2,611,890 | 0.993 | 1,000,467 | 0.380 |
| Narail | 926,937 | 1.246 | 957,107 | 1.287 | 396,365 | 0.533 |
| Jhenaidah | 2,692,028 | 1.601 | 3,482,324 | 2.071 | 1,047,228 | 0.623 |
| Magura | 1,030,843 | 1.175 | 1,419,556 | 1.617 | 529,338 | 0.603 |
| Kushtia | 2,288,937 | 1.235 | 2,174,427 | 1.174 | 1,012,267 | 0.546 |
| Chuadanga | 771,836 | 0.720 | 1,058,811 | 0.987 | 456,335 | 0.426 |
| Meherpur | 1,216,403 | 1.932 | 1,034,019 | 1.642 | 242,874 | 0.386 |
| **Khulna Division** | **20,668,047** | **1.320** | **22,112,633** | **1.412** | **9,233,250** | **0.590** |
| | | | | | | |
| Barisal | 4,379,137 | 1.746 | 5,256,184 | 2.095 | 2,453,658 | 0.978 |
| Pirojpur | 2,240,765 | 1.894 | 1,945,643 | 1.645 | 901,750 | 0.762 |
| Jhalokati | 2,343,374 | 3.170 | 2,083,656 | 2.819 | 487,244 | 0.659 |
| Bhola | 3,782,708 | 2.086 | 2,794,800 | 1.541 | 983,647 | 0.542 |
| Patuakhali | 2,541,247 | 1.634 | 2,559,183 | 1.645 | 976,162 | 0.628 |
| Barguna | 1,530,710 | 1.694 | 2,940,816 | 3.255 | 1,229,515 | 1.361 |
| **Barisal Division** | **16,817,941** | **1.933** | **17,580,282** | **2.020** | **7,031,976** | **0.808** |
| | | | | | | |
| Sylhet | 9,762,114 | 3.588 | 7,186,796 | 2.641 | 2,944,513 | 1.082 |
| Sunamganj | 2,784,917 | 1.299 | 3,422,981 | 1.596 | 1,425,804 | 0.665 |
| Moulvibazar | 3,574,250 | 2.082 | 2,549,813 | 1.485 | 858,688 | 0.500 |
| Habiganj | 2,616,422 | 1.398 | 3,074,534 | 1.643 | 1,003,285 | 0.536 |
| **Sylhet Division** | **18,737,702** | **2.217** | **16,234,124** | **1.920** | **6,232,290** | **0.737** |
| | | | | | | |
| **Total** | **215,968,427** | **1.631** | **195,161,453** | **1.474** | **88,039,589** | **0.665** |

**Table 100: Allocation of Public Expenditure (Non-Development) -- Recent Trends**

| Non-Development Expenditure | | | | | (Taka in Thousand ) | |
|---|---|---|---|---|---|---|
| | 2006-07 | | 2007-08 | | 2008-09 (Upto March) | |
| **District** | **Actual** | **Per capita** | **Actual** | **Per capita** | **Actual** | **Per capita** |
| Dhaka | 59,564,026 | 6.573 | 176,042,300 | 19.426 | 115,353,475 | 12.729 |
| Narayanganj | 4,776,192 | 2.063 | 9,725,487 | 4.202 | 3,753,456 | 1.622 |
| Munshiganj | 3,998,232 | 2.902 | 4,676,175 | 3.394 | 2,601,556 | 1.888 |
| Manikganj | 3,530,015 | 2.580 | 5,822,338 | 4.255 | 3,037,974 | 2.220 |
| Gazipur | 4,646,532 | 2.148 | 6,793,197 | 3.140 | 4,011,656 | 1.854 |
| Narsingdi | 3,392,393 | 1.681 | 5,427,377 | 2.689 | 3,219,235 | 1.595 |
| Faridpur | 4,631,367 | 2.476 | 7,919,647 | 4.235 | 4,536,314 | 2.426 |
| Rajbari | 1,972,198 | 1.946 | 3,344,852 | 3.300 | 1,922,152 | 1.897 |
| Gopalganj | 2,605,334 | 2.100 | 4,714,193 | 3.800 | 2,620,682 | 2.112 |
| Madaripur | 2,322,508 | 1.903 | 4,752,211 | 3.894 | 2,412,905 | 1.977 |
| Shariatpur | 1,863,769 | 1.617 | 3,287,122 | 2.853 | 1,872,599 | 1.625 |
| Tangail | 6,403,010 | 1.828 | 11,400,377 | 3.254 | 7,350,428 | 2.098 |
| Jamalpur | 4,150,260 | 1.850 | 7,509,901 | 3.347 | 4,690,191 | 2.090 |
| Sherpur | 3,043,221 | 2.234 | 5,433,713 | 3.988 | 3,685,212 | 2.705 |
| Mymensingh | 10,079,366 | 2.109 | 16,732,710 | 3.500 | 9,996,756 | 2.091 |
| Netrokona | 4,298,877 | 2.031 | 6,491,872 | 3.067 | 4,452,421 | 2.103 |
| Kishoreganj | 4,359,536 | 1.578 | 6,918,515 | 2.504 | 4,351,141 | 1.575 |
| **Dhaka Division** | **125,636,837** | **3.022** | **286,991,987** | **6.904** | **179,868,154** | **4.327** |
| | | | | | | |
| Chittagong | 29,101,866 | 4.134 | 51,580,847 | 7.327 | 29,713,813 | 4.221 |
| Cox's Bazar | 3,321,118 | 1.759 | 4,885,977 | 2.587 | 3,032,323 | 1.606 |
| Rangamati | 4,919,122 | 9.091 | 8,054,117 | 14.886 | 4,672,369 | 8.635 |
| Bandarban | 2,551,877 | 8.040 | 3,996,785 | 12.592 | 2,423,338 | 7.635 |
| Khagrachori | 4,192,722 | 7.491 | 6,199,699 | 11.077 | 3,911,680 | 6.989 |
| Comilla | 10,296,224 | 2.104 | 15,797,756 | 3.229 | 9,246,500 | 1.890 |
| Chandpur | 4,012,639 | 1.659 | 6,302,487 | 2.606 | 3,848,217 | 1.591 |
| Brahmanbaria | 4,735,247 | 1.854 | 7,421,897 | 2.907 | 4,721,487 | 1.849 |
| Noakhali | 5,208,772 | 1.898 | 7,802,074 | 2.843 | 4,760,609 | 1.735 |
| Feni | 3,315,810 | 2.511 | 5,207,015 | 3.943 | 3,109,696 | 2.355 |
| Lakshmipur | 2,730,444 | 1.721 | 4,060,148 | 2.559 | 2,527,661 | 1.593 |
| **Chittagong Division** | **74,385,843** | **2.876** | **121,308,802** | **4.691** | **71,967,692** | **2.783** |
| | | | | | | |
| Rajshahi | 12,348,797 | 5.072 | 18,742,015 | 7.697 | 12,276,215 | 5.042 |
| Naogaon | 6,995,200 | 2.747 | 11,485,565 | 4.511 | 8,097,642 | 3.180 |
| Nawabganj | 2,803,236 | 1.847 | 4,647,310 | 3.062 | 3,057,969 | 2.015 |
| Natore | 4,179,074 | 2.580 | 5,659,003 | 3.494 | 4,112,502 | 2.539 |
| Bogra | 11,882,096 | 3.704 | 20,977,314 | 6.539 | 13,587,208 | 4.235 |
| Jaipurhat | 3,032,226 | 3.364 | 5,478,771 | 6.077 | 4,040,345 | 4.482 |

| Non-Development Expenditure | | | | | (Taka in Thousand ) | |
|---|---|---|---|---|---|---|
| | 2006-07 | | 2007-08 | | 2008-09 (Upto March) | |
| **District** | **Actual** | **Per capita** | **Actual** | **Per capita** | **Actual** | **Per capita** |
| Rangpur | 9,084,926 | 3.356 | 13,960,235 | 5.157 | 8,161,975 | 3.015 |
| Nilphamari | 3,361,684 | 2.009 | 5,338,669 | 3.190 | 3,651,741 | 2.182 |
| Kurigram | 4,863,391 | 2.549 | 7,595,793 | 3.981 | 4,654,112 | 2.439 |
| Lalmonirhat | 3,124,353 | 2.645 | 4,234,044 | 3.585 | 3,113,174 | 2.636 |
| Gaibandha | 5,044,991 | 2.216 | 8,091,431 | 3.554 | 5,082,706 | 2.233 |
| Dinajpur | 10,849,365 | 3.856 | 16,182,157 | 5.751 | 11,419,897 | 4.058 |
| Thakurgaon | 5,577,280 | 4.314 | 8,091,431 | 6.258 | 6,013,355 | 4.651 |
| Panchagarh | 2,470,366 | 2.775 | 3,776,423 | 4.242 | 2,631,984 | 2.956 |
| Pabna | 5,844,561 | 2.522 | 10,502,034 | 4.532 | 6,631,034 | 2.862 |
| Sirajganj | 5,034,754 | 1.755 | 8,729,987 | 3.044 | 5,904,685 | 2.059 |
| **Rajshahi Division** | **96,496,300** | **3.001** | **153,492,180** | **4.773** | **102,436,543** | **3.186** |
| | | | | | | |
| Khulna | 12,791,992 | 5.050 | 23,633,624 | 9.331 | 13,059,507 | 5.156 |
| Bagerhat | 3,854,165 | 2.337 | 6,306,712 | 3.824 | 3,041,017 | 1.844 |
| Satkhira | 3,538,735 | 1.782 | 6,329,945 | 3.188 | 3,930,806 | 1.980 |
| Jessore | 6,840,897 | 2.600 | 11,525,695 | 4.380 | 6,831,421 | 2.596 |
| Narail | 1,847,467 | 2.484 | 3,048,455 | 4.099 | 1,834,782 | 2.467 |
| Jhenaidah | 3,428,031 | 2.038 | 5,796,289 | 3.447 | 3,646,960 | 2.169 |
| Magura | 2,109,441 | 2.403 | 3,952,431 | 4.503 | 2,229,036 | 2.540 |
| Kushtia | 4,375,839 | 2.362 | 7,711,958 | 4.162 | 4,809,293 | 2.596 |
| Chuadanga | 2,326,678 | 2.170 | 3,894,701 | 3.632 | 2,579,387 | 2.405 |
| Meherpur | 1,226,084 | 1.947 | 1,916,373 | 3.043 | 1,152,335 | 1.830 |
| **Khulna Division** | **42,339,327** | **2.704** | **74,116,182** | **4.734** | **43,114,544** | **2.754** |
| | | | | | | |
| Barisal | 8,786,177 | 3.503 | 15,592,179 | 6.216 | 8,476,248 | 3.379 |
| Pirojpur | 2,775,939 | 2.347 | 5,948,360 | 5.028 | 2,689,361 | 2.273 |
| Jhalokati | 2,140,150 | 2.895 | 3,445,529 | 4.661 | 1,676,558 | 2.268 |
| Bhola | 2,761,153 | 1.523 | 4,619,149 | 2.547 | 2,731,960 | 1.507 |
| Patuakhali | 3,095,919 | 1.991 | 6,338,393 | 4.075 | 2,898,442 | 1.864 |
| Barguna | 1,790,977 | 1.982 | 3,665,186 | 4.057 | 1,727,416 | 1.912 |
| **Barisal Division** | **21,350,316** | **2.453** | **39,608,796** | **4.551** | **20,199,985** | **2.321** |
| | | | | | | |
| Sylhet | 9,161,888 | 3.367 | 14,309,434 | 5.259 | 8,365,839 | 3.075 |
| Sunamganj | 3,048,529 | 1.422 | 4,876,824 | 2.275 | 2,867,580 | 1.337 |
| Moulvibazar | 3,220,271 | 1.876 | 4,863,448 | 2.833 | 2,928,870 | 1.706 |
| Habiganj | 3,392,772 | 1.813 | 4,293,182 | 2.294 | 2,829,328 | 1.512 |
| **Sylhet Division** | **18,823,461** | **2.227** | **28,342,888** | **3.353** | **16,991,617** | **2.010** |
| | | | | | | |
| **Total** | **379,032,083** | **2.863** | **703,860,835** | **5.316** | **434,578,535** | **3.282** |

**Table 101: Acreage and Production of Rice in Greater Districts (1990-91 to 2005-06)**

| District | Total Rice (area in acres and production in metric tons) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Area | Area | Area | Area | Yield | Yield | Yield | Yield |
| | 1990-91 | 1995-96 | 2001-02 | 2005-06 | 1990-91 | 1995-96 | 2001-02 | 2005-06 |
| **Bandarban** | 49000 | 58260 | 50110 | 38206 | 0.764 | 0.774 | 0.859 | 0.835 |
| *Ranking* | *21* | *21* | *23* | *23* | *8* | *9* | *17* | *21* |
| **Chittagong** | 1078760 | 907090 | 1033630 | 1007742 | 0.762 | 0.973 | 1.040 | 1.052 |
| *Ranking* | *15* | *16* | *16* | *16* | *10* | *1* | *3* | *12* |
| **Comilla** | 1693970 | 1811660 | 1758020 | 1560697 | 0.794 | 0.747 | 1.010 | 1.097 |
| *Ranking* | *4* | *3* | *4* | *6* | *3* | *11* | *6* | *7* |
| **Khagrachari** | 34160 | 29910 | 59910 | 78108 | 0.925 | 0.889 | 0.948 | 1.084 |
| *Ranking* | *23* | *23* | *21* | *21* | *1* | *2* | *12* | *9* |
| **Noakhali** | 1282520 | 1200080 | 1176830 | 1087020 | 0.587 | 0.615 | 0.835 | 0.843 |
| *Ranking* | *9* | *9* | *13* | *13* | *20* | *20* | *20* | *20* |
| **Rangamati** | 43200 | 50350 | 52340 | 56390 | 0.774 | 0.791 | 0.986 | 0.963 |
| *Ranking* | *22* | *22* | *22* | *22* | *6* | *8* | *8* | *16* |
| **Sylhet** | 2228500 | 2204750 | 2133850 | 2108852 | 0.612 | 0.659 | 0.864 | 0.925 |
| *Ranking* | *2* | *1* | *2* | *2* | *19* | *18* | *16* | *19* |
| **Dhaka** | 1204440 | 1033540 | 1202530 | 1063917 | 0.764 | 0.746 | 1.065 | 1.118 |
| *Ranking* | *11* | *14* | *11* | *14* | *9* | *12* | *1* | *5* |
| **Faridpur** | 1292670 | 1171660 | 1259160 | 1134246 | 0.528 | 0.476 | 0.766 | 0.958 |
| *Ranking* | *8* | *10* | *10* | *11* | *22* | *23* | *21* | *17* |
| **Jamalpur** | 775900 | 847360 | 846560 | 849743 | 0.695 | 0.677 | 0.933 | 1.071 |
| *Ranking* | *17* | *17* | *18* | *18* | *15* | *17* | *14* | *10* |
| **Kishoreganj** | 1237720 | 1334890 | 1267680 | 1230882 | 0.765 | 0.852 | 1.029 | 1.195 |
| *Ranking* | *10* | *8* | *9* | *9* | *7* | *4* | *4* | *1* |
| **Mymensingh** | 1190030 | 1135730 | 1301270 | 1270531 | 0.633 | 0.656 | 0.946 | 0.971 |
| *Ranking* | *13* | *11* | *8* | *8* | *18* | *9* | *13* | *15* |
| **Tangail** | 708100 | 636640 | 757470 | 714475 | 0.653 | 0.727 | 0.996 | 1.107 |
| *Ranking* | *18* | *19* | *19* | *19* | *16* | *13* | *7* | *6* |
| **Barisal** | 1536400 | 1375590 | 1512520 | 1497400 | 0.563 | 0.496 | 0.666 | 0.735 |
| *Ranking* | *5* | *5* | *6* | *7* | *21* | *22* | *22* | *22* |
| **Jessore** | 1317040 | 1369730 | 1636180 | 1582275 | 0.787 | 0.844 | 0.977 | 1.190 |
| *Ranking* | *7* | *7* | *5* | *4* | *4* | *5* | *9* | *2* |
| **Khulna** | 1203620 | 1078780 | 1105790 | 1117000 | 0.645 | 0.701 | 0.843 | 0.955 |
| *Ranking* | *12* | *12* | *14* | *12* | *17* | *15* | *19* | *18* |
| **Kushtia** | 586780 | 518320 | 601790 | 575524 | 0.703 | 0.720 | 0.959 | 1.023 |
| *Ranking* | *20* | *20* | *20* | *20* | *14* | *14* | *10* | *14* |
| **Patuakhali** | 971780 | 1027230 | 1060660 | 1041475 | 0.430 | 0.528 | 0.626 | 0.659 |
| *Ranking* | *16* | *15* | *15* | *15* | *23* | *21* | *23* | *23* |
| **Bogra** | 1111430 | 1039260 | 1187030 | 1210934 | 0.886 | 0.886 | 1.049 | 1.119 |
| *Ranking* | *14* | *13* | *12* | *10* | *2* | *3* | *2* | *4* |
| **Dinajpur** | 1425510 | 1370300 | 1477960 | 1578019 | 0.738 | 0.701 | 0.857 | 1.029 |
| *Ranking* | *6* | *6* | *7* | *5* | *12* | *16* | *18* | *13* |
| **Pabna** | 704710 | 638790 | 887640 | 900754 | 0.741 | 0.771 | 0.953 | 1.093 |
| *Ranking* | *19* | *18* | *17* | *17* | *11* | *10* | *11* | *8* |
| **Rajshahi** | 1771560 | 1631660 | 1909170 | 2040576 | 0.779 | 0.807 | 1.022 | 1.148 |
| *Ranking* | *3* | *4* | *3* | *3* | *5* | *6* | *5* | *3* |
| **Rangpur** | 2338460 | 2145650 | 2265650 | 2273645 | 0.735 | 0.791 | 0.908 | 1.060 |
| *Ranking* | *1* | *2* | *1* | *1* | *13* | *7* | *15* | *11* |
| **Bangladesh** | **25786260** | **24617230** | **26543750** | **26018411** | **0.692** | **0.718** | **0.915** | **1.020** |

***Source: BBS, Yearbook of Agricultural Statistics, Various Years and Authors' Calculations***

**Table 102: District and Division-wise Share of Manufacturing in Regional GDP,**

**Regional Per Capita Income in 1999-2000 (in 1995-96 constrant Prices) and Regional Per Capita Manufacturing Income in 1999-2000**

| | Mansh | Mansh | Mansh | Mansh | Mansh | Rpcin | Rpcmin |
|---|---|---|---|---|---|---|---|
| | 1995-96 | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 1999-00 | 1999-00 |
| **Barisal** | **3.822** | **3.850** | **4.073** | **3.873** | **3.829** | **14883.744** | **569.956** |
| Barguna | 2.315 | 2.398 | 2.350 | 2.263 | 2.241 | 16850.160 | 377.622 |
| Barisal | 6.727 | 6.546 | 7.000 | 6.741 | 6.737 | 14195.546 | 956.348 |
| Bhola | 2.703 | 2.704 | 2.965 | 2.754 | 2.732 | 14967.387 | 408.922 |
| Jholkati | 3.494 | 3.675 | 3.942 | 3.692 | 3.614 | 12981.010 | 469.176 |
| Patuakhali | 2.188 | 2.244 | 2.358 | 2.196 | 2.147 | 16943.104 | 363.734 |
| Pirojpur | 3.578 | 3.709 | 3.792 | 3.838 | 3.613 | 13255.865 | 478.954 |
| **Chittagong** | **15.022** | **15.121** | **15.599** | **15.311** | **15.227** | **16803.493** | **2558.724** |
| Bandarban | 0.179 | 0.225 | 0.239 | 0.247 | 0.260 | 15979.950 | 41.551 |
| Brahmanbaria | 10.596 | 10.552 | 10.671 | 10.833 | 10.814 | 14405.268 | 1557.813 |
| Chandpur | 5.308 | 5.514 | 5.189 | 5.276 | 5.257 | 12482.908 | 656.198 |
| Chittagong | 27.699 | 27.703 | 28.389 | 27.894 | 27.822 | 25190.259 | 7008.348 |
| Comilla | 6.904 | 7.118 | 7.513 | 7.351 | 7.306 | 12420.117 | 907.430 |
| Cox's Bazar | 6.802 | 6.647 | 6.701 | 6.326 | 6.310 | 17360.581 | 1095.389 |
| Feni | 8.085 | 8.366 | 8.766 | 8.421 | 8.411 | 12458.965 | 1047.927 |
| Khagrachari | 2.678 | 2.710 | 2.793 | 2.688 | 2.618 | 10480.833 | 274.337 |
| Lakshmipur | 2.668 | 2.842 | 3.132 | 2.830 | 2.767 | 14867.072 | 411.336 |
| Noakhali | 5.441 | 5.559 | 5.710 | 5.420 | 5.461 | 13093.260 | 714.993 |
| Rangamati | 5.396 | 5.604 | 5.758 | 5.427 | 5.373 | 17751.178 | 953.848 |
| **Sylhet** | **6.931** | **7.030** | **7.299** | **7.181** | **7.129** | **13332.018** | **950.416** |
| Habiganj | 3.855 | 4.014 | 4.120 | 4.109 | 4.133 | 13670.925 | 565.005 |
| Maulavibazar | 7.988 | 8.083 | 8.477 | 8.259 | 8.285 | 12851.773 | 1064.764 |
| Sunamganj | 6.067 | 6.050 | 6.278 | 6.252 | 6.279 | 12068.367 | 757.815 |
| Sylhet | 9.069 | 9.178 | 9.527 | 9.239 | 8.982 | 14368.081 | 1290.546 |
| **Dhaka** | **22.900** | **22.813** | **23.399** | **23.300** | **22.983** | **20310.262** | **4667.957** |
| Dhaka | 33.856 | 33.592 | 34.156 | 34.065 | 33.914 | 36554.420 | 12396.937 |
| Faridpur | 5.950 | 6.094 | 6.152 | 6.130 | 6.109 | 12606.973 | 770.189 |
| Gazipur | 39.878 | 39.655 | 40.176 | 40.582 | 40.330 | 30291.160 | 12216.470 |
| Gopalganj | 5.551 | 5.730 | 5.869 | 5.768 | 5.741 | 12999.493 | 746.284 |
| Jamalpur | 6.186 | 6.193 | 6.380 | 6.159 | 6.094 | 13141.986 | 800.926 |
| Kishoreganj | 4.827 | 5.038 | 5.189 | 5.034 | 4.983 | 13225.601 | 659.071 |
| Madaripur | 5.344 | 4.994 | 5.765 | 5.313 | 5.281 | 12229.171 | 645.800 |
| Manikganj | 9.799 | 9.456 | 10.100 | 10.036 | 9.936 | 14011.345 | 1392.224 |
| Munshiganj | 13.321 | 13.706 | 13.737 | 13.963 | 13.782 | 12930.577 | 1782.149 |
| Mymensingh | 3.708 | 3.974 | 4.054 | 3.888 | 3.744 | 14590.104 | 546.281 |
| Narayanganj | 38.059 | 37.925 | 38.511 | 38.576 | 38.338 | 27269.410 | 10454.562 |
| Narsingdi | 25.780 | 25.217 | 25.314 | 25.311 | 25.032 | 16859.689 | 4220.285 |
| Netrokona | 2.341 | 2.465 | 2.542 | 2.444 | 2.374 | 14486.057 | 343.859 |

| | Mansh | Mansh | Mansh | Mansh | Mansh | Rpcin | Rpcmin |
|---|---|---|---|---|---|---|---|
| | **1995-96** | **1996-97** | **1997-98** | **1998-99** | **1999-00** | **1999-00** | **1999-00** |
| Rajbari | 7.549 | 7.697 | 7.822 | 7.762 | 7.577 | 13052.271 | 989.005 |
| Shariatpur | 5.249 | 5.336 | 5.517 | 5.434 | 5.349 | 11944.775 | 638.922 |
| Sherpur | 4.461 | 4.437 | 4.512 | 4.386 | 4.440 | 12974.144 | 576.050 |
| Tangail | 8.400 | 8.312 | 8.636 | 8.535 | 8.338 | 12574.159 | 1048.496 |
| **Khulna** | **9.842** | **9.823** | **10.164** | **9.887** | **9.820** | **16654.195** | **1635.468** |
| Bagerhat | 3.864 | 3.882 | 4.058 | 3.804 | 3.769 | 16759.071 | 631.610 |
| Chuadanga | 7.542 | 7.489 | 7.673 | 7.509 | 7.372 | 14587.719 | 1075.436 |
| Jessore | 13.441 | 13.456 | 13.833 | 13.717 | 13.693 | 16946.023 | 2320.360 |
| Jhenaidah | 7.491 | 7.718 | 7.915 | 7.603 | 7.628 | 14984.171 | 1143.043 |
| Khulna | 13.560 | 13.370 | 14.055 | 13.664 | 13.556 | 22015.941 | 2984.439 |
| Kushtia | 14.251 | 14.241 | 14.462 | 14.138 | 13.994 | 15529.479 | 2173.168 |
| Magura | 4.988 | 5.021 | 5.033 | 4.953 | 4.963 | 14888.652 | 738.931 |
| Meherpur | 9.863 | 10.168 | 10.344 | 9.950 | 9.969 | 15255.044 | 1520.779 |
| Narail | 3.288 | 3.299 | 3.341 | 3.299 | 3.270 | 15349.409 | 501.932 |
| Satkhira | 6.363 | 6.318 | 6.612 | 6.293 | 6.243 | 14656.739 | 915.049 |
| **Rajshahi** | **7.374** | **7.320** | **7.477** | **7.243** | **7.160** | **14082.854** | **1008.283** |
| Bogra | 4.995 | 5.015 | 5.072 | 4.915 | 4.917 | 13886.254 | 682.791 |
| Dinajpur | 5.487 | 5.450 | 5.669 | 5.484 | 5.448 | 14698.460 | 800.762 |
| Gaibandha | 3.262 | 3.265 | 3.474 | 3.321 | 3.287 | 12105.018 | 397.930 |
| Joypurhat | 5.383 | 5.328 | 5.435 | 5.226 | 5.150 | 15456.431 | 795.931 |
| Kurigram | 2.697 | 2.606 | 2.540 | 2.508 | 2.515 | 13054.500 | 328.340 |
| Lalmonirhat | 1.983 | 1.967 | 1.965 | 1.893 | 1.869 | 12158.263 | 227.257 |
| Naogaon | 2.529 | 2.555 | 2.635 | 2.499 | 2.488 | 14110.731 | 351.104 |
| Natore | 8.721 | 8.847 | 9.495 | 8.935 | 8.793 | 15815.368 | 1390.611 |
| Nawabganj | 2.933 | 3.005 | 3.075 | 2.905 | 2.866 | 11890.009 | 340.796 |
| Nilphamari | 2.092 | 2.065 | 2.105 | 2.040 | 2.006 | 12191.163 | 244.608 |
| Pabna | 20.265 | 19.984 | 20.257 | 19.934 | 19.747 | 17316.408 | 3419.397 |
| Panchagarh | 2.664 | 2.699 | 2.701 | 2.586 | 2.576 | 13008.663 | 335.060 |
| Rajshahi | 7.228 | 7.379 | 7.447 | 7.164 | 7.040 | 15854.792 | 1116.187 |
| Rangpur | 5.532 | 5.520 | 5.690 | 5.566 | 5.562 | 13584.865 | 755.537 |
| Serajganj | 21.399 | 21.324 | 21.391 | 20.776 | 20.360 | 13205.137 | 2688.534 |
| Thakurgaon | 3.178 | 3.225 | 3.285 | 3.163 | 3.158 | 15355.025 | 484.878 |

***Source: BBS, Regional Income Data 1995-96 to 1999-2000, and Authors' Calculation***

**Table 103: Economically Active Population (15+) (in '000) and Labour Force Participation Rates, 2005-06**

| Division/ | Economically Active Pop. | | | Participation Rate | | |
|---|---|---|---|---|---|---|
| **District** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** |
| **Bangladesh** | **49461** | **37330** | **12131** | **58.47** | **86.80** | **29.17** |
| | | | | | | |
| **Chittagong** | **9661** | **7254** | **2405** | **57.09** | **84.83** | **28.73** |
| Bandarban | 127 | 82 | 45 | 69.21 | 86.48 | 50.71 |
| Brahmanbaria | 1138 | 753 | 385 | 69.17 | 89.35 | 47.99 |
| Chandpur | 659 | 617 | 42 | 45.62 | 84.18 | 5.95 |
| Chittagong | 2908 | 2128 | 780 | 57.43 | 82.68 | 31.32 |
| Comilla | 1949 | 1393 | 556 | 59.03 | 85.49 | 33.26 |
| Cox's Bazar | 913 | 570 | 343 | 76.09 | 90.16 | 60.41 |
| Feni | 334 | 271 | 63 | 42.87 | 74.58 | 15.16 |
| Khagrachari | 165 | 138 | 27 | 54.60 | 88.03 | 18.48 |
| Lakhsmipur | 414 | 383 | 30 | 45.33 | 87.24 | 6.42 |
| Noakhali | 829 | 766 | 62 | 47.37 | 84.26 | 7.39 |
| Rangamati | 225 | 153 | 72 | 66.11 | 87.71 | 43.25 |
| **Dhaka** | **15621** | **11657** | **3967** | **58.52** | **86.51** | **30.02** |
| Dhaka | 3498 | 2758 | 741 | 52.12 | 81.82 | 22.17 |
| Faridpur | 674 | 541 | 133 | 56.24 | 85.99 | 23.40 |
| Gazipur | 991 | 603 | 388 | 71.51 | 88.89 | 54.86 |
| Gopalganj | 356 | 317 | 40 | 45.94 | 81.21 | 10.34 |
| Jamalpur | 1077 | 599 | 479 | 84.86 | 92.24 | 77.13 |
| Kishoreganj | 896 | 718 | 179 | 55.14 | 87.84 | 22.10 |
| Madaripur | 471 | 359 | 111 | 58.64 | 88.35 | 28.11 |
| Manikganj | 613 | 420 | 193 | 66.00 | 88.00 | 42.73 |
| Munshiganj | 471 | 380 | 91 | 51.44 | 86.46 | 19.12 |
| Mymensingh | 1658 | 1204 | 453 | 61.43 | 88.69 | 33.80 |
| Narayanganj | 849 | 705 | 145 | 51.98 | 85.95 | 17.78 |
| Narshingdi | 660 | 537 | 122 | 54.21 | 85.79 | 20.71 |
| Netrokona | 752 | 586 | 166 | 58.18 | 87.74 | 26.59 |
| Rajbari | 377 | 310 | 67 | 57.38 | 90.30 | 21.32 |
| Sariatpur | 420 | 317 | 103 | 58.50 | 86.71 | 29.24 |
| Sherpur | 666 | 374 | 292 | 84.00 | 92.02 | 75.57 |
| Tangail | 1192 | 929 | 264 | 57.54 | 89.80 | 25.40 |
| **Khulna** | **5722** | **4451** | **1271** | **57.250** | **87.360** | **25.930** |
| Bagerhat | 592 | 440 | 152 | 59.39 | 86.37 | 31.17 |
| Chuadanga | 402 | 302 | 100 | 60.79 | 88.94 | 31.04 |
| Jessore | 925 | 723 | 202 | 56.57 | 86.70 | 25.20 |
| Jhenaidah | 584 | 498 | 87 | 53.91 | 88.22 | 16.71 |
| Khulna | 924 | 768 | 156 | 53.46 | 87.14 | 18.46 |

| Division/ | Economically Active Pop. | | | Participation Rate | | |
|---|---|---|---|---|---|---|
| **District** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** |
| Kushtia | 758 | 513 | 244 | 65.29 | 87.40 | 42.62 |
| Magura | 330 | 269 | 61 | 55.30 | 88.62 | 20.88 |
| Meherpur | 244 | 170 | 74 | 67.12 | 90.84 | 42.02 |
| Narail | 287 | 226 | 61 | 55.66 | 84.28 | 24.60 |
| Satkhira | 676 | 542 | 134 | 53.96 | 87.53 | 21.10 |
| **Rajshahi** | **11282** | **8784** | **2500** | **58.39** | **88.26** | **26.68** |
| Bogra | 1013 | 822 | 191 | 53.09 | 85.89 | 20.06 |
| Dinajpur | 1146 | 763 | 383 | 68.09 | 89.83 | 45.94 |
| Gaibandha | 647 | 568 | 80 | 49.82 | 87.84 | 12.19 |
| Joypurhat | 268 | 239 | 29 | 51.37 | 88.35 | 11.54 |
| Kurigram | 601 | 517 | 84 | 52.59 | 87.79 | 15.16 |
| Lalmonirhat | 439 | 333 | 107 | 60.99 | 88.91 | 30.82 |
| Naogaon | 774 | 658 | 116 | 54.19 | 90.21 | 16.60 |
| Natore | 499 | 420 | 79 | 53.90 | 86.74 | 17.91 |
| Nawabganj | 523 | 414 | 110 | 57.98 | 90.61 | 24.57 |
| Nilphamari | 529 | 492 | 37 | 51.77 | 91.11 | 7.71 |
| Pabna | 1004 | 686 | 318 | 67.25 | 86.29 | 45.55 |
| Panchagarh | 424 | 254 | 169 | 75.59 | 87.20 | 63.00 |
| Rajshahi | 782 | 669 | 113 | 54.26 | 88.11 | 16.60 |
| Rangpur | 821 | 727 | 94 | 51.62 | 90.62 | 11.93 |
| Sirajganj | 1196 | 868 | 328 | 63.75 | 87.22 | 37.24 |
| Thakurgaon | 616 | 354 | 262 | 76.56 | 86.33 | 66.39 |
| **Barisal** | **3554** | **2583** | **970** | **61.55** | **86.94** | **34.61** |
| Barguna | 415 | 261 | 154 | 70.82 | 88.47 | 52.98 |
| Barisal | 890 | 698 | 191 | 54.43 | 83.41 | 23.98 |
| Bhola | 895 | 590 | 305 | 71.45 | 89.34 | 51.51 |
| Jalokati | 235 | 201 | 34 | 49.84 | 86.18 | 14.37 |
| Patuakhali | 723 | 501 | 222 | 66.92 | 88.92 | 42.95 |
| Perojpur | 396 | 332 | 64 | 52.91 | 86.74 | 17.52 |
| **Sylhet** | **3621** | **2603** | **1019** | **61.56** | **87.82** | **34.91** |
| Hobiganj | 884 | 601 | 283 | 68.05 | 92.25 | 43.68 |
| Moulavibazar | 714 | 500 | 215 | 64.00 | 91.09 | 37.82 |
| Sunamganj | 971 | 685 | 286 | 65.15 | 88.68 | 39.81 |
| Sylhet | 1052 | 817 | 235 | 53.19 | 82.45 | 23.82 |

***Source: BBS Labor Force Survey 2005-06***

**Table 104: Unemployment Rate (15 years and above) by Division and District, 2005-06**

| | Unemployment Rate (15+) (in percent) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Division/** | **Bangladesh** | | | **Urban** | | | **Rural** | | |
| **District** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** |
| **Bangladesh** | **4.254** | **3.349** | **7.040** | **4.305** | **3.546** | **6.676** | **4.238** | **3.287** | **7.151** |
| | | | | | | | | | |
| **Chittagong** | **4.782** | **4.453** | **5.780** | **5.175** | **5.003** | **5.819** | **4.670** | **4.304** | **5.779** |
| Bandarban | 2.362 | 2.439 | 2.222 | 0.000 | 0.000 | 0.000 | 3.093 | 3.279 | 2.857 |
| Brahmanbaria | 1.406 | 0.664 | 2.597 | 1.613 | 1.087 | 3.125 | 1.381 | 0.756 | 2.550 |
| Chandpur | 4.097 | 3.890 | 7.143 | 3.659 | 2.778 | 11.111 | 4.159 | 4.044 | 6.061 |
| Chittagong | 5.330 | 5.028 | 6.154 | 5.384 | 5.762 | 4.101 | 5.284 | 4.183 | 7.576 |
| Comilla | 4.002 | 4.523 | 2.698 | 5.769 | 5.000 | 8.333 | 3.848 | 4.478 | 2.308 |
| Cox's Bazar | 0.986 | 1.404 | 0.292 | 3.614 | 3.175 | 0.000 | 0.843 | 0.984 | 0.311 |
| Feni | 20.060 | 11.808 | 55.556 | 11.628 | 5.263 | 60.000 | 21.306 | 12.876 | 55.172 |
| Khagrachari | 3.636 | 2.899 | 7.407 | 6.667 | 5.405 | 12.500 | 2.479 | 1.980 | 5.263 |
| Lakhsmipur | 10.386 | 9.399 | 20.000 | 1.852 | 2.041 | 25.000 | 11.389 | 10.778 | 19.231 |
| Noakhali | 6.031 | 4.439 | 25.806 | 6.250 | 3.077 | 21.429 | 6.142 | 4.708 | 27.083 |
| Rangamati | 3.556 | 4.575 | 0.000 | 7.273 | 8.696 | 0.000 | 1.765 | 2.778 | 0.000 |
| | | | | | | | | | |
| **Dhaka** | **5.928** | **3.354** | **13.486** | **4.361** | **2.872** | **8.819** | **6.799** | **3.630** | **16.003** |
| Dhaka | 2.344 | 2.647 | 1.215 | 1.950 | 2.148 | 1.192 | 7.090 | 8.586 | 2.899 |
| Faridpur | 2.819 | 3.512 | 0.752 | 1.149 | 1.667 | 0.000 | 3.066 | 3.534 | 0.943 |
| Gazipur | 23.108 | 3.483 | 53.608 | 15.718 | 3.716 | 40.559 | 28.986 | 3.268 | 61.382 |
| Gopalganj | 3.933 | 4.101 | 2.500 | 2.857 | 4.167 | 0.000 | 4.037 | 4.110 | 3.333 |
| Jamalpur | 0.464 | 0.668 | 0.209 | 0.000 | 0.000 | 0.000 | 0.556 | 0.795 | 0.252 |
| Kishoreganj | 7.589 | 5.153 | 17.318 | 4.237 | 3.125 | 8.696 | 8.098 | 5.466 | 19.231 |
| Madaripur | 2.972 | 2.786 | 3.604 | 11.538 | 9.524 | 30.000 | 1.914 | 1.893 | 0.990 |
| Manikganj | 17.455 | 6.429 | 41.451 | 14.286 | 14.286 | 16.667 | 17.647 | 5.882 | 42.246 |
| Munshiganj | 11.253 | 12.105 | 7.692 | 14.815 | 13.333 | 22.222 | 10.817 | 12.275 | 6.098 |
| Mymensingh | 2.232 | 2.492 | 1.545 | 2.730 | 2.959 | 2.419 | 2.125 | 2.413 | 1.216 |
| Narayanganj | 4.829 | 3.688 | 10.345 | 6.250 | 4.450 | 12.712 | 2.295 | 2.518 | 0.000 |
| Narshingdi | 3.636 | 2.421 | 9.016 | 1.818 | 1.000 | 0.000 | 4.000 | 2.740 | 9.821 |
| Netrokona | 7.181 | 3.413 | 20.482 | 9.459 | 5.455 | 20.000 | 7.090 | 3.202 | 21.233 |
| Rajbari | 2.653 | 2.258 | 5.970 | 1.786 | 2.564 | 5.882 | 2.804 | 2.214 | 6.000 |
| Sariatpur | 3.333 | 2.839 | 5.825 | 5.405 | 7.692 | 0.000 | 3.394 | 2.414 | 6.452 |
| Sherpur | 0.450 | 0.802 | 0.000 | 0.000 | 0.000 | 0.000 | 0.504 | 0.896 | 0.000 |
| Tangail | 12.584 | 3.660 | 44.318 | 16.505 | 3.540 | 31.183 | 11.854 | 3.558 | 50.877 |
| | | | | | | | | | |
| **Khulna** | **2.866** | **2.561** | **3.934** | **4.362** | **3.952** | **5.611** | **2.442** | **2.205** | **3.406** |
| Bagerhat | 3.716 | 2.955 | 5.921 | 5.195 | 4.762 | 7.143 | 3.301 | 2.387 | 5.797 |
| Chuadanga | 0.995 | 0.993 | 0.000 | 1.905 | 1.299 | 0.000 | 0.673 | 0.889 | 0.000 |
| Jessore | 1.946 | 1.660 | 2.970 | 0.943 | 1.575 | 0.000 | 2.388 | 1.846 | 5.128 |

| | Unemployment Rate (15+) (in percent) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Division/** | **Bangladesh** | | | **Urban** | | | **Rural** | | |
| **District** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** |
| Jhenaidah | 1.027 | 1.004 | 1.149 | 2.151 | 1.639 | 0.000 | 0.815 | 0.688 | 1.818 |
| Khulna | 5.952 | 4.818 | 11.538 | 6.767 | 5.594 | 11.650 | 4.835 | 4.130 | 11.111 |
| Kushtia | 1.319 | 1.754 | 0.410 | 1.563 | 2.041 | 0.000 | 1.299 | 1.724 | 0.437 |
| Magura | 2.121 | 0.372 | 8.197 | 2.857 | 0.000 | 14.286 | 1.695 | 0.415 | 7.407 |
| Meherpur | 1.230 | 1.765 | 0.000 | 4.167 | 5.000 | 0.000 | 0.913 | 1.333 | 0.000 |
| Narail | 3.136 | 2.655 | 4.918 | 0.000 | 0.000 | 0.000 | 3.462 | 2.899 | 3.774 |
| Satkhira | 4.438 | 4.244 | 4.478 | 8.696 | 7.692 | 28.571 | 4.127 | 4.175 | 3.937 |
| | | | | | | | | | |
| **Rajshahi** | **2.819** | **2.823** | **2.800** | **3.050** | **3.136** | **2.796** | **2.772** | **2.751** | **2.804** |
| Bogra | 3.060 | 2.920 | 3.665 | 2.759 | 3.509 | 0.000 | 3.111 | 2.966 | 4.403 |
| Dinajpur | 0.960 | 1.048 | 0.783 | 1.744 | 1.852 | 1.563 | 0.821 | 0.916 | 0.627 |
| Gaibandha | 5.410 | 5.282 | 5.000 | 4.412 | 1.786 | 16.667 | 5.527 | 5.664 | 4.478 |
| Joypurhat | 1.866 | 1.674 | 3.448 | 3.704 | 4.167 | 0.000 | 1.660 | 1.395 | 3.846 |
| Kurigram | 1.830 | 1.161 | 5.952 | 0.000 | 0.000 | 0.000 | 2.227 | 1.345 | 10.204 |
| Lalmonirhat | 1.367 | 0.901 | 2.804 | 0.000 | 0.000 | 0.000 | 1.583 | 1.020 | 3.529 |
| Naogaon | 3.230 | 2.888 | 5.172 | 4.054 | 5.085 | 0.000 | 2.996 | 2.671 | 5.882 |
| Natore | 2.405 | 1.905 | 6.329 | 2.778 | 3.448 | 7.143 | 2.342 | 1.657 | 6.154 |
| Nawabganj | 6.119 | 5.314 | 9.091 | 5.385 | 7.368 | 0.000 | 6.107 | 4.702 | 12.162 |
| Nilphamari | 1.323 | 1.016 | 2.703 | 1.266 | 1.587 | 6.250 | 1.111 | 0.932 | 4.762 |
| Pabna | 2.988 | 4.373 | 0.000 | 1.523 | 1.282 | 0.000 | 3.346 | 5.094 | 0.000 |
| Panchagarh | 1.887 | 2.362 | 1.183 | 2.174 | 4.000 | 0.000 | 1.592 | 2.174 | 1.351 |
| Rajshahi | 4.476 | 3.587 | 9.735 | 4.235 | 4.082 | 4.839 | 4.622 | 3.302 | 15.686 |
| Rangpur | 1.462 | 1.100 | 5.319 | 1.596 | 0.730 | 1.961 | 1.580 | 1.017 | 6.977 |
| Sirajganj | 4.348 | 5.530 | 1.524 | 7.627 | 8.602 | 4.000 | 3.985 | 5.161 | 0.987 |
| Thakurgaon | 0.812 | 0.847 | 0.763 | 4.444 | 3.704 | 5.556 | 0.524 | 0.612 | 0.410 |
| **Barisal** | **4.755** | **4.568** | **5.258** | **5.325** | **5.585** | **4.545** | **4.662** | **4.442** | **5.244** |
| Barguna | 5.060 | 4.981 | 5.195 | 5.455 | 2.941 | 4.545 | 5.278 | 5.286 | 5.263 |
| Barisal | 4.607 | 5.301 | 2.094 | 5.696 | 6.667 | 2.632 | 4.241 | 5.009 | 1.961 |
| Bhola | 3.464 | 4.068 | 2.295 | 4.724 | 6.818 | 0.000 | 3.255 | 3.586 | 2.632 |
| Jalokati | 6.809 | 5.970 | 11.765 | 5.405 | 5.882 | 0.000 | 7.071 | 6.024 | 12.903 |
| Patuakhali | 5.809 | 4.591 | 8.108 | 6.452 | 4.545 | 11.111 | 5.598 | 4.595 | 7.843 |
| Perojpur | 4.798 | 3.012 | 14.063 | 2.941 | 1.786 | 8.333 | 4.878 | 2.909 | 15.385 |
| **Sylhet** | **1.823** | **2.151** | **0.981** | **2.956** | **2.994** | **4.110** | **1.680** | **2.070** | **0.740** |
| Hobiganj | 0.905 | 0.832 | 1.060 | 2.804 | 1.266 | 7.143 | 0.644 | 0.766 | 0.392 |
| Moulavibazar | 1.961 | 1.800 | 2.326 | 3.077 | 1.961 | 7.143 | 1.849 | 1.782 | 1.990 |
| Sunamganj | 1.545 | 2.044 | 0.350 | 2.299 | 2.817 | 0.000 | 1.471 | 1.951 | 0.372 |
| Sylhet | 2.757 | 3.305 | 0.426 | 4.082 | 4.511 | 0.000 | 2.544 | 3.216 | 0.452 |
| | | | | | | | | | |

***Source: BBS Labor Force Survey 2005-06, and Calculations***

**Table 105: Some Indicators for Eastern and Western Region**

| | 2000 | | 2005 | |
|---|---|---|---|---|
| | LIR | IR | LIR | IR |
| Head count ratio (upper poverty line) | 53 | 46 | 50 | 33 |
| Real per capita expenditure | 727 | 800 | 1046 | 1207 |
| Electricity in Mouza | 67% | 63% | 80% | 83% |
| BD Krishi Bank in Mouza | 7% | 17% | 27% | 45% |
| Commercial Bank in Mouza | 17% | 17% | 25% | 40% |
| Grameen Bank in Mouza | 13% | 13% | 29% | 40% |
| Market/Bazar in Mouza | 53% | 61% | 64% | 77% |
| Distance to thana HQ (km) | 10.7 | 11.1 | 9.7 | 15.5 |
| Travel time to thana HQ ('00 mins) | 0.6 | 0.7 | 0.5 | 0.7 |
| Distance to zila HQ (km) | 27.7 | 33.0 | 28.6 | 33.5 |
| Travel time to zila HQ ('00 mins) | 1.1 | 1.2 | 1.0 | 2.0 |
| Distance to Dhaka HQ (km) | 296.2 | 169.7 | 294.4 | 168.7 |
| Travel time to Dhaka HQ ('00 mins) | 4.2 | 3.0 | 4.5 | 3.2 |
| Any banks in Mouza | 25% | 24% | 35% | 46% |

***Source: Shilpi (2009), from HIES 2000 and HIES 2005***

**Table 106: Distribution of Households Receiving Benefits of Social Safety Net Programmes, 2005**

| Division | % of Household Received Benefit | | |
|---|---|---|---|
| | Total | Rural | Urban |
| **National** | **13.06** | **15.64** | **5.45** |
| Barisal | 13.34 | 14.79 | 5.00 |
| Chittagong | 11.05 | 12.89 | 5.72 |
| Dhaka | 14.33 | 19.98 | 4.94 |
| Khulna | 9.51 | 11.03 | 4.23 |
| Rajshahi | 12.35 | 13.02 | 7.71 |
| Sylhet | 22.42 | 24.31 | 11.25 |

***Source: HIES (2005)***

**Table 107: Reductions in Central Government Transfers (Government grants to Pourashavas, 1996-2002)**

| Year | Total Municipal Govt. Grants (million TK.) | Number of Pourashava | Average Govt. Grants for Pourashavas (million TK.) |
|---|---|---|---|
| 1996-97 | 1200 | 133 | 9.02 |
| 1997-98 | 1050 | 160 | 6.56 |
| 1998-99 | 1150 | 181 | 6.35 |
| 1999-00 | 1250 | 213 | 5.87 |
| 2000-01 | 1300 | 226 | 5.75 |
| 2001-02 | 1300 | 252 | 5.16 |
| 2002-03 | 1200 | 276 | 4.35 |

***Source: Ministry of Local Government, GoB, Dhaka in World Bank (2007)***

# Part 2: Technical Framework

## Macroeconomic Scenario for the Sixth Five Year Plan (2011-2015)

## Introduction

A centre piece of the plan is the delineation of the country's macroeconomic outlook during the SFYP. Based on the technical framework, background studies and related work, this paper provides three scenarios of macroeconomic outlook[4]. These have been supplemented by sectoral outlooks as well as employment and poverty implications.

## Technical Framework for SFYP Scenario

The scenarios are generated using four linked models. These are:

- A macro-economic framework containing five accounts delineating the economy to generate consistent macro economic outlook over 2003 to 2015 period.
- A dynamic computable general equilibrium (DCGE) model based on an updated input-output table and a social accounting matrix for Bangladesh for FY07. The key outcomes of the macroeconomic framework are fed into the DCGE model to derive the sectoral implications.
- An Employment Satellite Matrix (ESM), constructed for FY07. The sectoral value additions and outputs are linked with the ESM to calculate sectoral employment impacts under alternative scenarios.
- The Distribution and Poverty Module has been developed using the information of Household Income and Expenditure Survey (HIES) 2005. Household income, consumption and sectoral price information generated in the DCGE are linked with this module to assess the poverty situation.

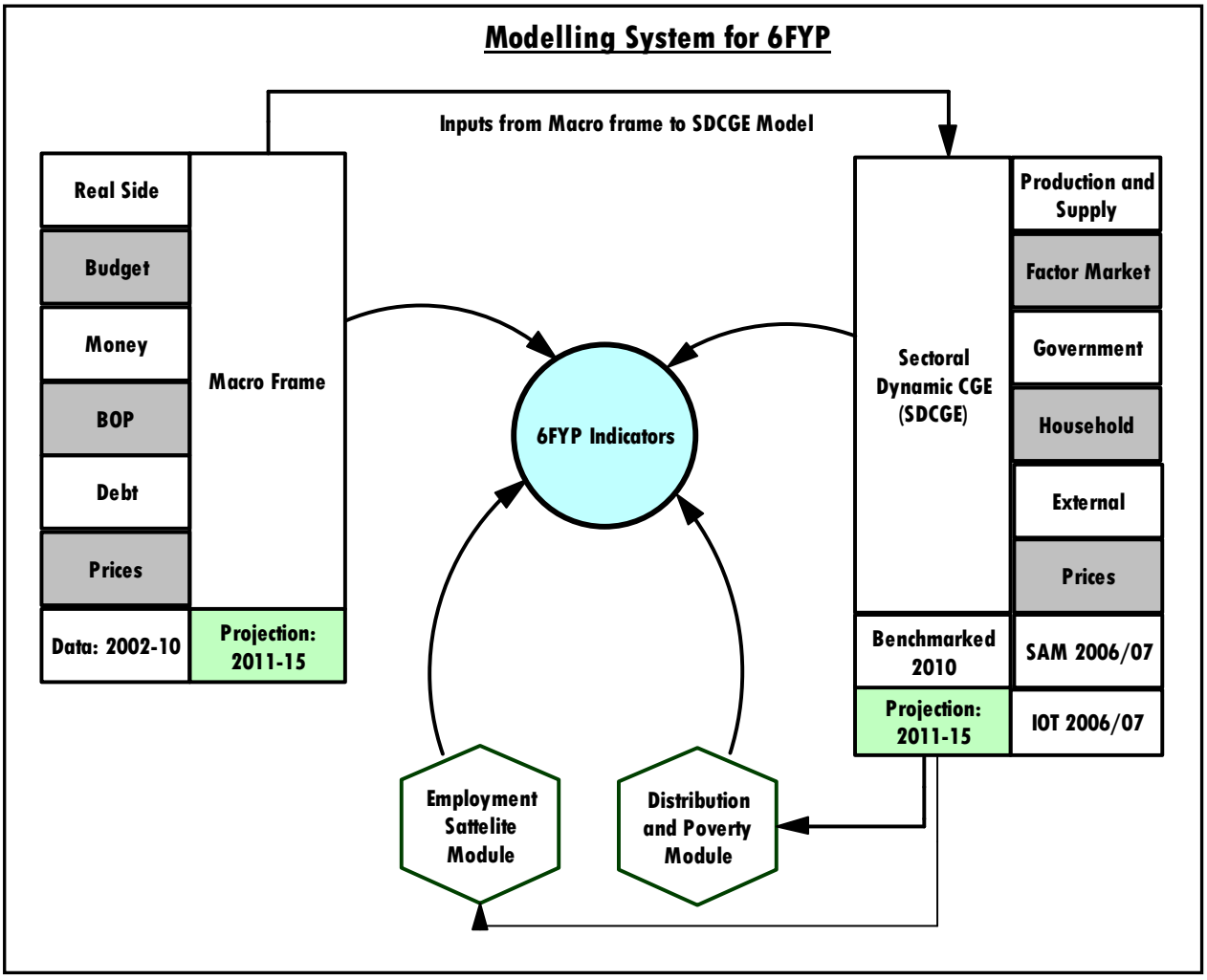
The rest of the note is organized as follows. In sections 3 and 4, key features the modeling system are discussed. The macroeconomic outlooks under three alternative scenarios are provided in section 5.

[4] These scenarios are undergoing revisions to reflect revised data for the base years as well as changes in key assumptions; parameter and elasticity values. Therefore, the final macroeconomic scenario for the SFYP may show some differences than the scenarios presented in this report.

## Modeling System and Its Interdependence

The interdependence of the modeling system is shown in Figure 1.

**Figure 1: Interdependence of SFYP Modeling System**



**Macroeconomic Framework**

The Macroeconomic Framework (MEF) has been developed to assist the preparation of short and medium term macroeconomic outlook for the SFYP. The MEF architecture is best described as an extension of the 'Finance Programming' family of models.[5,6] The MEF *extends* the characteristics of the Finance Programming Model by incorporating an *explicit specification of output generation* that takes into account production and factor market behaviour, incorporation of response parameters for key behaviours. It accounts for the linkages of production with money-and-credit, the balance of payments, and the government budget. The system has an integrated distribution and poverty module for examining the linkage between growth and poverty, which further extends MEF analytical capability.

The main feautres of the MEF are:

1. The MEF consists of five accounts: (i) real side; (ii) fiscal; (iii) money and credit; (iv) balance of payments (BoP); and (v) poverty and distribution. In addition to these blocks, a debt block is appended to capture debt dynamics.
2. Behavioural specifications for some keys variables namely the production function; revenue functions; capital formation; private investment functions; private consumption, CPI etc are defined. Real income generation is specified by a Cobb-Douglas function. Real private consumption, real private investment, CPI, real exports and imports are specified using estimated response parameters.
3. There are three ways of estimating the parameters of individual equations of the specified model. The choices are: (i) econometric/statistical estimation, (ii) exact computation/calibration, (iii) a mixture of econometric and calibrated estimates. In MEF, paramters of the framework are specified using a a mixture of econometric and calibrated estimates.
4. All accounts are inter-linked. Inter-dependence between variables of different blocks namely between real side and government budget; government budget, money and BoP; money and real side are active. For instance, domestic revenue generation critically depends on two components: (i) revenue base and (ii) tax rate. The normal growth of revenue base depends on the growth of the economy i.e. the revenue base is linked to the estimated GDP and import values.

[5] Barth, R.C., and Hemphill, W. (2000): Financial Programming and Policy: The Case of Turkey, Washington: IMF Publication Services.

[6] '*Theoretical Aspects of the Design of Fund-supported Adjustment Programmes*' Occasional Paper 55, Washington DC: International Monetary Fund, Sept 1987. "... A Financial Programming Model is an instrument composed of accounting identities complemented by a set of behavioral relationships. For analysis, this instrument can be applied to any package of policy measures designed to achieve a given set of user-defined macroeconomic goals. The MEF architecture expresses exactly these attributes; and the expression occurs within the context of consistent economic frameworks (SAM/Flow-of-Funds) that can be moved forward in time to analyze and forecast policy impacts on the economy.

5. All key prices are endogenous. These include:
    - Consumer price index
    - Investment price
    - Export price
    - Import price
    - GDP deflator
    - Exchange rate

**Data and Parameters**

Data period considered in MEF is FY03 to FY10. The figures for FY10 are estimates. Almost all data used in the macroeconomic framework has been collected from secondary sources such as the Finance Division. Data sets (e.g. from mid-1980s to current years) for regression analyses were obtained from various officials documents such as Economic Review and Bangladesh Statistical Year Books. The deficit data have been provided by the Finance Division. Breakdown of value added (i.e. GDP) by labour and capital was obtained from the updated social accounting matrix (SAM) for Bangladesh for 2005. The World Economic Outlook forecasts were reviewed to get parameters for external sector (e.g. world prices of imports and exports, world inflation rate etc.).

As mentioned above, the time series data covering the period between the mid 1980s and the current years (in most cases thereby providing 20 to 25 year time series) were available to assess the regression coefficients (i.e. response parameters) of the explanatory variables. Regressions were conducted for real private investment; real private consumption; real exports; real imports; and consumer price index. The values of response parameters (i.e. estimated regression coefficients) are then linked to the relevant explanatory variables to first assess the generation of the series of explained variable in question.

**Model Specification**

Specification of the macroeconomic framework is discussed in this section. These are discussed in terms of five sub-sections such as (a) Production, Supply and Demand; (b) Government Income and Expenditure; (c) Balance of Payment; (d) Money and Credit; and (e) Government Debt.

Following notations are introduced for identification and references.

| Symbol | | Description |
|---|---|---|
| R | = | Real Variable |
| −1 | = | Previous Year |
| G | = | Growth Rate |
| T | = | Tax Rate |
| Δ | = | Change over previous year |
| T | = | Time |

**Production, Supply and Demand**

**Nominal Variables**

1. Nominal GDP

$$GDP = r_GDP * PGDP$$

Derivations of r_GDP and GDP deflator are provided in equations (6) and (26) respectively.

2. Private Consumption

$$Cpv = (Cpv\text{-}1 * (r_Cpv / r_Cpv\text{-}1) * (1+CPI))$$

Derivations of real private consumption (r_Cpv) and CPI are provided in equations (12) and (18) respectively.

3. Government Consumption

$$Cg = (Cg\text{-}1 * ((PAL + GDS)/(PAL\text{-}1 + GDS\text{-}1))$$

Allocations for Pay-allowances and good-services are found in current expenditure component of government budget (see equations 44 and 45)

4. Private Investment

$$Ipv = (Ipv\text{-}1 * (r_Ipv / r_Ipv\text{-}1) * (1+PI))$$

Derivations of real private investment (r_Ipv) and PI are provided in equations (9) and (25) respectively.

5. Public Investment

$$Ipb = ( Ipb\text{-}1 * ((ADP + Non\text{-}ADP)/(ADP\text{-}1 + Non\text{-}ADP\text{-}1))$$

ADP and Non-ADP allocations are found in expenditure component of government budget (see equations 51 and 52)

**Real Variables**

Two alternative specifications are employed to specify the real production of good and services. In the first specification, labour and capital factors are organized in a Cobb-Douglas production function to generate real value addition (i.e. r_GDP). The specification is shown below.

6. Real GDP $r_GDP = AL^{\alpha}K^{\beta}$

Where, α and β denote labour and capital shares respectively. Separation of real value addition between labour and capital factors is not readily available for all years of the data period. As an alternative data on the distribution of real value added between labour and capital factors found in the input-output table (IOT) of Bangladesh for 2007 has been used to separate the real value added between labour and capital[7].

Once the values of α and β parameters are known, the only unknown parameter (i.e. A— shift parameter or intercept term) is calculated using the following specification.

$$A = \frac{r_GDP}{L^{\alpha}K^{\beta}}$$

6.1 Real GDP r_GDP = r_GDP-1*(1+g r_GDP)

Alternatively real GDP or real value addition can be specified to grow at assumed rates or rates based on observed (reported) ICOR. A 'switch' function (i.e. logical option attribute available in Excel) is used to switch between the endogenous specification (equation 6) and exogenous specification (equation 6.1).

7. Capital Stock K = Ks *(1— κ)

Gross Capital is depleted annually by the depreciation and obsolescence to provide net capital stock available for production. Here κ refers to the rate of depreciation and obsolescence.

Gross capital stock is specified as: Ks = K0 + r_I-1. The specification envisages one year lag between planned and realized investment (given the experience of Bangladesh this appears a reasonable assumption).

[7] Values of all parameters (including production function) are contained in the five worksheets of the macro economic framework.

8. Labour Demand

$$L = \frac{\alpha}{\beta}\frac{r}{w}K$$

Labour demand is usually derived from the solution of the first order cost minimization condition involving the production function and the cost function (i.e. C = wL + rK). Here w and r denote returns to labour and capital respectively. The demand function suggests that, given the ratios of factor share and factor return, increase in capital led to a proportionate rise in labour demand. For instance, doubling of capital will double the labour demand.

Such a strong proportionate relationship can be modified by imposing labour absorption elasticity with respect to capital. Such a modification may allow us to invoke feature the observed condition of jobless growth or growth with less than proportionate employment. The modified labour demand function may take the following form[8].

$$L = \frac{\alpha}{\beta}\frac{r}{w}K^{1/\rho}$$

Alternatively, constant elasticity substitution (CES) function or generalized Leontief function may also be adopted to specify the production behaviour.

9. Real Private Investment

r_Ipv = ψ0 + ψ1* Δ GDP + ψ2* r_GDP-1

Although a number of explanatory variables may explain the real private investment, a review of estimated equations (please Annex 4) suggests above specification to be the appropriate one given data constraints, statistical significance and relevance (or linkages) to other variables used in this framework.

10. Real Public Investment

r_Ipb = (r_Ipb-1 * (Ipb / Ipb-1) / (1+PI))

Derivations of public investment (Ipb) and investment price (PI) are provided in equations (5) and (25) respectively.

11. Real Investment

r_I = r_Ipv + r_Ipb

[8] Alternatively, labour demand may assume to grow at the observed growth rate reflecting a steady state. According to labour force statistics labour demand grew at 4 percent between 2000 and 2003 and by 5 percent between 2003 and 2005. In this exercise, scope to adopt alternative specifications – modified labour demand and steady state is allowed to assess impacts of these specifications.

| | | |
|---|---|---|
| 12. | Real Private Consumption | r_Cpv =λ0 + λ1* r_GDP + λ2 * Δ GDP ─ λ3 * ATD Rate<br>Although a number of explanatory variables may explain the real private consumption in Bangladesh, a review of estimated equations suggests above specification to be the appropriate one given data constraints, statistical significance and relevance (or linkages) to other variables used in this framework. |
| 13. | Real Government Consumption | r_Cpb = (r_Cpb-1 * (Cpb / Cpb-1) / (1+CPI))<br>Derivations of public consumption (Cpb) and CPI are provided in equations (3) and (18) respectively. |
| 14. | Potential real GDP | r_TGDP =γ0 + γ1* T<br>Where, γ0 and γ1 denote intercept and slope parameters. |
| 15. | Excess Demand | Excess Demand (GAP) = r_TGDP ─ r_GDP |
| 16. | Real Imports | r_M = μ0 + μ1* r_GDP + μ2 *GAP+ μ3 * r_Remit<br>Although a number of explanatory variables may explain the real private imports in Bangladesh, a review of estimated equations suggests above specification to be the appropriate one given data constraints, statistical significance and relevance (or linkages) to other variables used in this framework. |
| 17. | Real Exports | r_E = ή0 + ή1* r_GDP + ή2 *GAP<br>Although a number of explanatory variables may explain the real private exports, a review of estimated equations (please Annex 4) suggests above specification to be the appropriate one given data constraints, statistical significance and relevance (or linkages) to other variables used in this framework. |

**Prices**

18. Consumer Price Index

$CPI = \varphi 0 + \varphi 1 * M2 + \varphi 2 * Deficit - \varphi 3 * (Subsidy + Food\ Allocations)$

Although a number of explanatory variables may explain the consumer price index in Bangladesh, a review of estimated equations suggests above specification to be the appropriate one given data constraints, statistical significance and relevance (or linkages) to other variables used in this framework.

19. Import Price

$PM = MPI * (1 + AER + Tm)$

20. Import Price Index

$MPI = MPI_{-1} * (1 + gM_Deflator)$

Following small country assumption, Bangladesh is a price taker and thus import and export indices are exogenous. Lagged import price index is adjusted by growth of import deflator (gM_Deflator). Growth of import deflator is based on the estimates of the 'World Economic Outlook'.

Variation in world price import will thus transmit to the domestic economy via these two prices (i.e. PM and MPI).

21. Export Price

$PE = EPI * (1 + AER)$

22. Export Price Index

$EPI = EPI_{-1} * (1 + gE_Deflator)$

Lagged export price index is augmented by growth of export deflator (gE_Deflator) which is based on the estimates of the 'World Economic Outlook'.

23. Average Exchange Rate

$$AER = AER_{-1} \cdot \left(\frac{1 + gCPI}{1 + gFPI}\right) \cdot \left(\frac{\mathrm{Re}\,R}{\mathrm{Re}\,R_{-1}}\right)$$

Where, gCPI= domestic inflation; gFPI = foreign inflation which is exogenous and based on world economic outlook; ReR = Real effective exchange rate. Values of real effective exchange rate are exogenous.

24. Exchange Rate End Period

$$ERP = (AER \cdot 2) - ERP_{-1}$$

Where, $FRP_{-1}$ = lagged value of end period exchange rate.

25. Investment Price Index

$PI = \zeta m * PM + \zeta d * CPI$

Where, $\zeta m$ = share capital goods import; $\zeta d$ = share domestic capital goods.

26. GDP Deflator

$$PGDP = CPI *(r_Cpv / r_GDP) + CPI *(r_Cg / r_GDP) +$$
$$PI *(r_Ipv / r_GDP) + PI *(r_Ipb / r_GDP) +$$
$$PE *(r_E / r_GDP) - PM *(r_M / r_GDP)$$

Accounting identity states GDP = Cpv + Cpb + Ipv + Ipb + E − M.

Dividing both sides by r_GDP gives:

$$\frac{GDP}{r_GDP} = \frac{Cpv}{r_GDP} + \frac{Cpb}{r_GDP} + \frac{Ipv}{r_GDP} \frac{Ipv}{r_GDP} + \frac{E}{r_GDP} - \frac{M}{r_GDP}$$

<

The terms on the right-hand side may be decomposed into two factors as follows:

$$\frac{GDP}{r_GDP} = \frac{Cpv}{r_Cpv} \frac{r_Cpv}{r_GDP} + \frac{Cpb}{r_Cpb} \frac{r_Cpb}{r_GDP} + \frac{Ipv}{r_Ipv} \frac{r_Ipv}{r_GDP} +$$
$$\frac{Ipb}{r_Ipb} \frac{r_Ipb}{r_GDP} + \frac{E}{r_E} \frac{r_E}{r_GDP} - \frac{M}{r_M} \frac{r_M}{r_GDP}$$

This gives us the specification for GDP deflator as follows.

$$PGDP = CPI\frac{r_Cpv}{r_GDP} + CPI\frac{r_Cpb}{r_GDP} + PI\frac{r_Ipv}{r_GDP} +$$

$$PI\frac{r_Ipb}{r_GDP} + PE\frac{r_E}{r_GDP} - PM\frac{r_M}{r_GDP}$$

**Fiscal Side: Government Income and Expenditure Revenue**

Revenue mobilization is usually classified under three heads in Bangladesh-NBR tax; Non-NBR tax and Non-tax revenue. Almost all major tax sources are covered under the NBR tax head and thus constitute the major revenue source. All types direct and indirect taxes are covered under this head. In order to provide scopes to assess implication of tax base change as well as tax rate change on revenue, revenue specifications are defined in terms of estimated legal tax bases and effective tax rates. Legal bases of a particular tax system constitute a smaller segment of the corresponding economy-wide bases (i.e. GDP for domestic taxes, imports for trade taxes, etc.), which are considered as the tax bases for levying tax rates. Legal bases (for instance the base of domestic VAT) are usually significantly smaller than the economy-wide bases (the economy-wide base for domestic VAT is GDP or consumption) due to exemptions, exclusions and deductions. Following example describes the relationship between economy-wide base and the legal base.

**Tax Revenue = Legal Tax Base x Tax Rate.  Where, Legal Tax Base ≤ Economy Wide Base.**

**The advantages of this specification are briefly discussed.**

- It allows endogenous adjustment of the legal bases due to variations in the corresponding economy-wide bases.
- It thus shows, with fixed tax rates, revenue changes due mainly to the endogenous legal base change.
- The size of legal bases can be altered by introducing new measures to change coverage.
- It thus captures, with fixed tax rates, revenue changes due to the endogenous legal base change and new measures led coverage change.

- It also captures, with varying legal bases (either due to endogenous change or due to new coverage measures), revenue changes due to the imposition of new tax rates.

The major problem with the above specification is the non availability of legal base data by various tax systems. However, this information can be obtained from the records of the National Board of Revenue (NBR)[9].

As mentioned above, according to the adopted classification, total revenue is composed of tax revenue and non tax revenue. Tax revenue is generated from two broad heads: NBR taxes and Non-NBR tax. NBR tax accounts for about 95 percent of tax revenue collection. It includes revenue mobilization from income bases; domestic production/consumption bases and international trade bases. The revenue generations are defined below.

| | | |
|---|---|---|
| 27. | Total Revenue | Total Revenue = Tax Revenue + Non Tax Revenue |
| 28. | Tax Revenue | Tax Revenue = NBR Tax + Non NBR Tax |
| 29. | NBR Tax | NBR Tax = YTax + DoMTax + Trade Tax |
| 30. | Income Tax | YTax = YhTAX + YcorTAX<br>Specifications of personal income tax (YhTAX) and corporate income tax (YcorTAX) are discussed below. |
| 31. | Personal Income Tax | YhTAX = b_YhTAX x tyh<br>Where, b_YhTAX = [υ1 x Yh]; υ1 = current coverage; tyh = average income tax rate. Household income is defined as Yh = GDP + Remittance. Household income generation is endogenous. |
| 32. | Corporate Income Tax | YcorTAX = b_YcorTAX x tycor<br>Where, b_YcorTAX = [υ2 x GDP]; υ2 = current coverage; tycor = average corporate income tax rate. Appropriate base for the corporate income tax is corporate profit. Since data on the corporate profit is not readily available, as a proximate base GDP is used. |
| 33. | Taxes on Domestic Production | DoMTax = DoMVAT + DoMSUP + ExciseDuty + OtherTax<br>Specifications of these taxes are discussed below. |

[9] In an earlier paper Mansur and Khondker (1994) estimated the legal base of the Bangladesh tax system. For details please see Ahsan H. Mansur and Bazlul Haque Khondker (1994), "Some Estimates of Tax Potential with Reference to Bangladesh", Dhaka University Journal of Business Studies, Vol. 15(1), 117-119.

| | | |
|---|---|---|
| 34. | Domestic VAT Revenue | DoMVAT = b_DoMVAT x tvat<br><br>Where, b_DoMVAT = [α1 x GDP]; α1 = current coverage; tvat = vat rate. The economy wide base GDP is derived endogenously in the real side. |
| 35. | Domestic Supplementary Duty | DoMSUP = DoMVAT x tsd<br><br>Where, tsd = supplementary duty rate |
| 36. | Excise Duty | ExciseDuty= b_ExcDuty x texcise<br><br>Where, b_ExcDuty = [α2 x GDP]; α2 = current coverage; texcise = excise duty |
| 37. | Other Tax Revenue | OtherTax= b_OthTax x tothtax<br><br>Where, b_OthTax = [α3 x GDP]; α3 = current coverage; texcise = other tax rate |
| 38. | Taxes on International Trade | Trade Tax = CustomDuty + MVAT + MSUP<br><br>Specifications of these taxes are discussed below. |
| 39. | Custom Duty | CustomDuty= b_CuSDuty x tcd<br><br>Where, b_CuSDuty = [σ1 x M]; σ1 = current coverage;<br><br>tcd = Custom Duty. The economy wide base import (M) is derived endogenously in the real side and BoP side. |
| 40. | Import VAT | MVAT= b_MVAT x tvat<br><br>Where, b_MVAT = [(σ2 x M) + (CustomDuty) ];<br><br>σ2 = current coverage; tvat = vat rate |
| 41. | Supplementary | MSUP = MVAT x tsd |

| | | |
|---|---|---|
| | Duty | |
| | | Where, tsd = supplementary duty rate |
| 42. | Non NBR Tax Revenue | Non NBR Tax = NonNBRTax-1 * (1+gNonNBRTax) |
| | | Where, gNonNBRTax = Non NBR tax growth. Non NBR tax growth adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |
| 43. | Non Tax Revenue | Non Tax = NonTax-1 * (1+gNonTax) |
| | | Where, gNonTax = Non tax growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |

**Expenditure**

Government expenditure is classified into four different categories. These are (i) pay-allowances and purchases of goods and services; (ii) interest payment on domestic and external debt; (iii) subsidies and transfers; and (iv) Capital and development expenditure.

Specifications for pay and allowances and purchases of goods and services are provided below.

| | | |
|---|---|---|
| 44. | Pay and Allowances | PAL = PAL-1 * [1+ (gPAL+ θgCPI)]<br>Where, gPAL = pay and allowance growth; θgCPI = inflation indexing subject to the value of θ. The value of θ ranges between 0 and 1. Condition θ = 0 implies no inflation indexing whereas condition θ = 1 delineates full inflation indexing. CPI is derived endogenously. Value of gPAL captures rise in pay and allowances due to new employment and measures. |
| 45. | Goods and Services | GDS = GDS-1 * [1+ (gGDS+ θgPGDP)]<br>Where, gGDS = good and services growth; θgPGDP = general price indexing subject to the value of θ. The value of θ ranges between 0 |

and 1. Condition $\theta = 0$ implies no indexing whereas condition $\theta = 1$ delineates full inflation indexing. GDP deflator is derived endogenously. Value of gGDS captures increased allocation for new purchases.

A significant part of resources is spent to pay for interest accrued to domestic and external debt. The size of interest payment depends on debt dynamics. Interest payment projections are derived in the debt block and hence are obtained directly from the debt block.

| | | |
|---|---|---|
| 46. | Domestic Interest | DoMInTPay<br>Derived in the debt block. See equation 69. |
| 47. | External Interest | ExTInTPay<br>Derived in the debt block. See equation 70. |

Allocations for subsidies and various transfer programme have been increasing in recent years to mitigate real income loss of various vulnerable groups as; income loss of public enterprises and to restrict full incidence of world prices of key importable on the domestic economy[10]. The specifications for transfers and subsidies are provided below.

| | | |
|---|---|---|
| 48. | Subsidy and Transfers | SAT = SAT-1 * [1+ (gSAT+ $\chi$1PM)]<br>Where, gSAT = subsidy and transfer growth; $\chi$1PM = indexing to rise in import prices of other than food items (i.e. fuel and fertilizer) subject to the value of $\chi$1. The value of $\chi$1 ranges between 0 and 1. Condition $\chi 1 = 0$ implies no indexing whereas condition $\chi 1 = 1$ delineates full indexing. Value of gSAT envisages trend rise as well as rise due to new measures. |
| 49. | Block Allocation | BAC = BAC-1 * (1+gBAC)<br>Where, gBAC = block allocation growth. |

[10] Although it is expected that subsidies restraint full transmission of world import prices the association between subsidy and CPI could not tested due to lack time series data. We could collect data for 10 years i.e. 1989 to 2007.

| | | |
|---|---|---|
| 50. | Food Account | FAC = FAC-1 * [1+ (gFAC+ $\chi$2PM)] |
| | | Where, gSAT = subsidy and transfer growth; $\chi$2PM = indexing to rise in food import prices subject to the value of $\chi$2. The value of $\chi$2 ranges between 0 and 1. Condition $\chi$2 = 0 implies no indexing whereas condition $\chi$2 = 1 delineates full indexing. Value of gFAC envisages trend rise as well as rise due to new measures. |

The main objectives of development and capital expenditures are to create opportunities for economic growth in line with the overall development perspective. Thus allocations may vary in accordance to the development goals. Such decisions although consistent with the development goals and other key parameters, they are usually exogenous to the system. The specifications of the development and capital expenditures are shown below.

| | | |
|---|---|---|
| 51. | Annual Development Programme | ADP = ADP-1 * (1+gADP)<br>Where, gADP = ADP growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |
| 52. | Non ADP Capital Expenditure | NonADP_CAP = NonADP_CAP -1 * (1+gNonADP_CAP)<br>Where, gNonADP_CAP = Non ADP capital expenditure growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |
| 53. | Net Lending | NeTLend = NeTLend -1 * (1+gNeTLend)<br>Where, gNeTLend = Net lending growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |
| 54. | Extra ordinary | ExOrd = ExOrd -1 * (1+gExOrd)<br>Where, gExOrd = Extra ordinary expenditure growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |

The difference between government income (i.e. total revenue) and total government expenditure (i.e. total expenditure) shows the balance of the government budget. This is defined as:

55. Budget Balance — Deficit = Total Revenue ─ Total Expenditure

The financing dynamics are captured below.

56. Deficit Financing — DeficitFinance = NetLoan + Non Bank + Bank

Where, Netloan amounts are taken from **BOP** and are exogenous. Derivation of domestic borrowings is shown below.

57. Non Bank Borrowing — Non Bank = ωYh

Where, Yh is household income and defined as Yh = GDP + Remit. Parameters ω denote propensity of household to allocated money for non bank savings instruments. This is derived from the data of non bank borrowing amounts (d non Bank) and estimated household income data (dYh). More specifically, ω = dNon Bank / dYh. Propensity observed for the data period is maintained for the projection period in the trend case.

58. Bank Borrowing — Bank =Deficit ─ (NetLoan + Non Bank)

Bank borrowing act as the balancing item and established the link with monetary system. Given the constancy of monetary variables, the higher the bank borrowing requirements the higher could be the pressure on money supply.

**Money Side: Money Supply and Domestic Credit**

The money stock (or supply) is an important policy instrument. Authorities influence the macroeconomic dynamic by changing the size of the money supply. Changes in money supply lead to changes in liquidity, which may affect expenditure, production, employment, as well as the balance of payments. The liquidity position also affects factors such as real incomes, prices and interest rates, which usually influences the behaviour of how money is held. Furthermore, in

a resource scarce economy under conditions of declining external inflows, governments usually turn to the banking sector for funds to bridge budget and resource gaps. Thus, the size of the money supply and the behaviour of other related monetary variables determine the size of government borrowing.

Furnished by its member countries, the International Monetary Fund (IMF) presents monetary and financial data on three levels. The balance sheets of the monetary authority (MA), usually central banks and deposit money banks (DMB) are included in this first level. In the second level, the balance sheets of MA and DBM are consolidated into a Monetary Survey. A monetary survey provides a statistical measure of money and credit. Finally, the third level data consolidates the balance sheets of a monetary survey and non-bank financial institutions (NBFIs) into a Financial Survey. In creating the macroeconomic framework described in this paper, the focus is on the monetary survey or banking system[11] since it provides sufficient information concerning money and credit.

Money supply ($M_2$) is determined by the combined sizes of the net domestic assets and net foreign assets. The money supply function is specified as:

59. Money Supply $$M2 = NDA + NFA$$

As mentioned above, NDA is based on public and private credit. Public credit requirement is generated in the fiscal side as a result of endogenous revenue generation and policy driven as well as endogenous expenditures. It thus established linkages with fiscal side. Moreover, since generations of revenue, expenditure and deficit are influenced by movements of real variables and prices, money supply is endogenous, consistent and interdependent.

Net foreign asset is a policy variable determined with respect to the overall money and credit situation. This is defined as:

60. Net Foreign Asset $$NFA = NFA\ -1\ x\ (1 + g\ NFA)$$

Where, g NFA = NFA growth. Growth rates adopted for

[11] Three reasons are cited for focusing on the banking system rather than the entire financial system. (1) Empirical evidence suggests a strong association between the monetary liabilities of the banking sector and aggregate nominal expenditure in an economy thereby affecting inflation, balance of payments and growth. (2) Ready availability of banking sector data for monitoring and analysis. (3) For most of the developing and transition economics, where the financial markets are still not well developed, the banking system accounts for a major segment of the economy's financial assets and liabilities.

the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

The stock of net domestic asset (NDA) is defined by the combined sizes of the domestic credit (DCR) and nets other asset (NOA).

61. Net Domestic Asset $NDA = DCR + NOA$

In this exercise, the required level of money supply is contingent on the size of domestic credit in particular the required size of public credit (CRg) from the baking system. The required size of public credit is equal to the gap between the budget deficit amount and combined resources expected from foreign loan and non bank borrowing. Credits to the private (CRpv) and non financial sector (CRnonfin) are policy variables determined with respect to the investment planning. Domestic credit flow at a particular time is composed of flows of all types of credit. This is defined as:

62. Domestic Credit $DCR = CRpb + CRpv + CRnonfin$

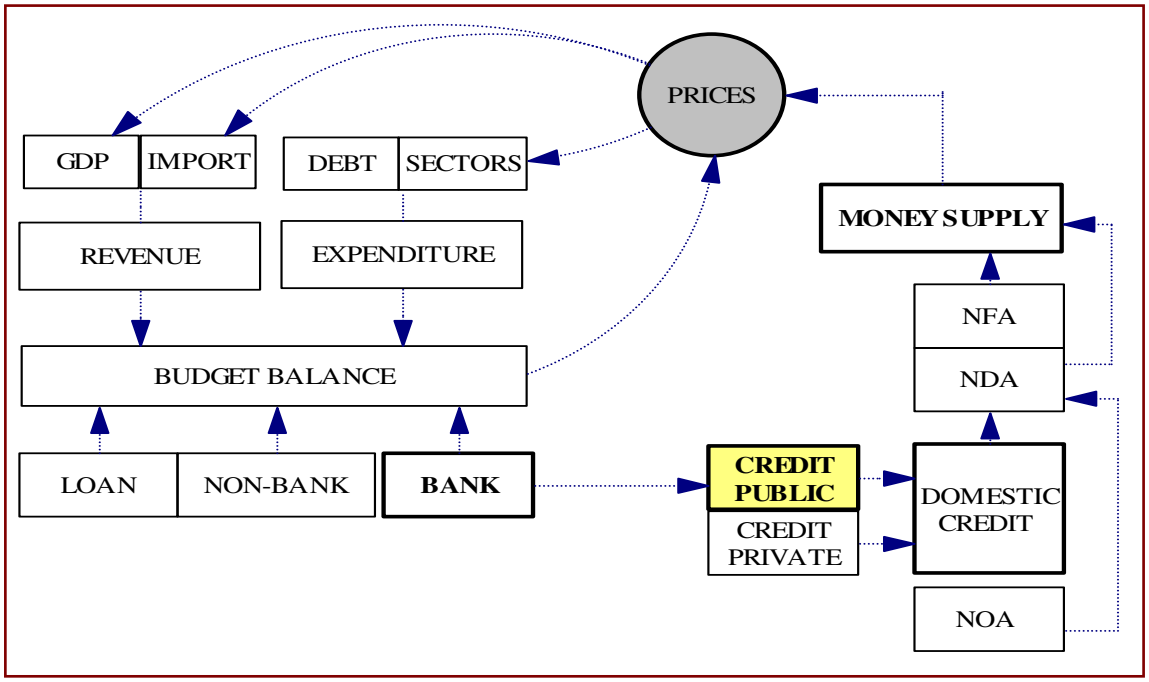
Where, public credit is determined in the fiscal side and is defined as CRpb = Budget Deficit ─ (Loan + Non Bank).

As mentioned, the required size of public credit is equal to the gap between the budget deficit amount and combined resources expected from foreign loan and non bank borrowings. Variations in public credit requirement based on the size of budget deficit, foreign loan and non-borrowing may likely to influence the size of money supply[12]. The association between fiscal and money sectors is depicted in .

[12] The association may be governed by the liquidity positions of the banking system. In a situation of high liquidity required public borrowings may be covered from the existing liquidity leading to negligible impact on the growth of money supply. In other situation, the impact may be significant.

**Figure 2**.

**Figure 2: Linkage between Fiscal side and Money side**




Credit to private sector (CRpv) and non financial (CRnonfin) is a policy variable determined with respect to the investment planning. Domestic credit flow at a particular time is composed of flows of public and private credit. This is defined as:

63. Private Credit $CRpv = CRpv\text{-}1 \times (1 + gCRpv)$

Where, gCRpv = private credit growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

64. Credit Non Financial $CRnonfin = CRnonfin\ \text{-}1 \times (1 + g\ CRnonfin)$

Where, CRnonfin = credit growth of the non financial sector. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

Net other asset is a policy variable determined with respect to the overall money and credit situation. This is defined as:

65. Net Other Asset NOA = NOA -1 x (1 + g NOA)

Where, g NOA = private credit growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

**Stock of Debt and Interest Payment**

Allocation for interest payment essentially depends on the size of debt stock and effective rate of interest. Although a detail debt stock model is usually used to estimates stock of outstanding debt, here a simplified framework is adopted to capture debt dynamics and corresponding interest payment liabilities. Current levels of borrowings are added to their outstanding debt to estimate stock of debt. Effective interest rates are then applied to the debt stock to calculate interest payment liabilities of the current year[13]. The estimated interest payment liabilities are directly linked to expenditure component of the government budget to capture allocation for interest payment. Debt and interest payment specifications are shown below.

66. Domestic Debt: Debt_Bank = Debt_Bank0 + Bank (Fiscal)

Bank Borrowing

Where, Debt_Bank0 = initial outstanding domestic debt from the bank sector. In this case debt at year 2002 (i.e. the initial year); Bank = borrowing from the banking system (observed for years 2002 to 2010; estimates for projection years) to cover the budget deficit. These estimates (i.e. bank borrowings) are found in the expenditure component of the government budget. It thus establishes links to fiscal side. Variations in bank borrowing will implicate the debt dynamics and interest payment liabilities.

67. Domestic Debt: Debt_NonBank = Debt_NonBank0 + NonBank (Fiscal)

Non Bank Borrowing

Where, Debt_Bank0 = initial outstanding domestic debt from the private sector; NonBank = borrowing from the

[13] As mentioned, a detailed debt model may be used to capture dynamics. A detail debt model usually captures debt by different agencies and differential interest rates and maturity period. The results of such a detailed debt framework can easily be linked to the other blocks of the existing framework.

private sector (observed for years 2002 to 2010; estimates for projection years) to cover the budget deficit. These estimates (i.e. non bank borrowings) are found in the expenditure component of the government budget. It thus establishes links to fiscal side as well as with the real side. Variations in non bank borrowing will implicate the debt dynamics and interest payment liabilities.

| | | |
|---|---|---|
| 68. | External Debt:<br><br>Foreign Loan | Debt_Loan = Debt_Loan0 + NetLoan (Fiscal/BoP)<br><br>Where, Debt_Loan0 = initial outstanding foreign debt. NetLoan = net borrowing from the external which is calculated by deducting 'amortization' from 'loan disbursement'. The figures for years 2002 to 2010 are observed and for projection years they are estimated. These estimates (i.e. net loan) are found in the BoP as well as in the expenditure component of the government budget. It thus establishes links to fiscal side as well as with BoP. Variations in net loan will affect the debt dynamics and foreign interest payment liabilities. |

Interest payment liabilities reported for the data periods are divided by their respective outstanding debts to derive the average effective interest rates for the domestic and external loan. The estimated average effective rates are also adopted in the projection years to estimate the interest payment liabilities.

| | | |
|---|---|---|
| 69. | Domestic Interest Payment Liabilities | DoM_IntPay = (Debt_Bank + Debt_NonBank) x dom_rate<br><br>Where, DoM_IntPay = domestic interest payment liabilities; dom_rate = average effective domestic interest rate. The average effective domestic interest rates may be varied for the projection periods capturing outlook changes. |
| 70. | External Interest Payment Liabilities | FoR_IntPay = Debt_Loan x for_rate<br><br>Where, FoR_IntPay = external interest payment liabilities; for_rate = average effective foreign interest rate. The average effective foreign interest rates may be varied for the projection periods capturing outlook changes. |

**Balance of Payment: External Account**

Trade balance is defined as the difference between the exports and imports. The specification is shown below.

71. Trade Balance — TradeBal = E─ M

Derivations of E and M are shown below.

Lagged Exports is augmented by growth rate to derive the exports of goods and services. The growth is specified as a product of the growth of real exports and export price index (EPI). The specification is shown below.

72. Exports — E = (E-1 *(r_E / r_E-1)*(1+EPI))

Derivations of real exports (r_E) and EPI are shown above. Variations in real side as well as prices will effect exports and hence balance of trade.

Lagged Imports is augmented by growth rate to derive the imports of goods and services. The growth is specified as a product of the growth of real imports and import price index (MPI). The specification is shown below.

73. Imports — M =(E-1 *(r_M / r_M-1)*(1+MPI))

Derivations of real exports (r_M) and MPI are provided above. Variations in real side as well as prices will effect imports and hence balance of trade.

Service balance is defined as the difference between the receipts and payments. This is specified as:

74. Service Net — SrvNet = SrvReceipts ─ SrvPayments

Derivations of receipts and payments are shown below.

75. Service Receipts — SrvReceipts = SrvReceipts-1 x (1 + g SrvReceipts)

Where, g SrvReceipts = receipts growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

76. Service Payments

$$SrvPayments = SrvPayments_{-1} \times (1 + gPayments)$$

Where, gPayments = payment growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

Balance of income component is defined as the difference between the receipts and payments. This is specified as:

77. Income Net

$$YNet = YReceipts - YPayments$$

Derivations of receipts and payments are shown below.

78. Income Receipts

$$YReceipts = YReceipts_{-1} \times (1 + gYReceipts)$$

Where, gYReceipts = receipts growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

79. Income Payments

$$YPayments = YPayments_{-1} \times (1 + gPayments)$$

Where, gPayments = payment growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

Current transfer is composed of official and private transfers. Inflow of remittance is included in the private transfer flows. Their specifications are shown below:

80. Current Transfer

$$CuRTransfer = PbTransfer + PvTransfer$$

81. Public Transfer

$$PbTransfer = PbTransfer_{-1} \times (1 + gPbTransfer)$$

Where, g Public Transfer = public transfer growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook.

| | | | |
|---|---|---|---|
| 82. | Private Transfer | PvTransfer = PvTransfer -1 x (1 + gPvTransfer)<br><br>Where, g PvTransfer = private transfer growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |
| | Remittance | Remit = Remit-1 x (1 + gRemit)<br><br>Where, gRemit = remittance growth. Growth rates adopted for the projection period in the trend case may be varied under scenario simulation indicating changed policy outlook. |

Balance of current account composes of balances of trade, service, income and current transfers. This is defined as:

| | | |
|---|---|---|
| 83. | Current Account Balance | CAB = TradeBal + SrvNet +YNet + CuRTransfer |

Capital account is defined to move in line with the observed growth rate. The growth rate may be varied to capture changes in the account with consequent impacts on the overall balance of the BoP account. The specification of the capital account is shown below.

| | | | |
|---|---|---|---|
| 84. | Capital Account Balance | CpAB = CpAB-1 x (1 + gCpAB) | Where, g CpAB = growth. |

Financial account consists of a number of elements. They include foreign direct investment; foreign portfolio investment; net foreign loan; other long and short term loans; other assets; trade credit; net of commercial bank activities. In the trend case, these elements are defined to move in line with their observed growth rates. Each of growth rates may be varied to capture changes in the respective component with consequent impacts on financial balance and the overall balance of the BoP account. Specifications of all components of financial accounts are shown below.

| | | |
|---|---|---|
| 85. | Financial Account Balance | FAB = FDI + FPI + NetLoan + NetLongLoan + NetShortLoan + OthAsset + TrdCredit + ComBank |
| 86. | Foreign Direct Investment | FDI = FDI-1 x (1 + gFDI) Where, gFDI = growth. |
| 87. | Foreign Portfolio Investment | FPI = FPI-1 x (1 + gFPI) Where, gFPI = growth. |
| 88. | Net Loan | NetLoan = Disbursement ─ Amortization. |

| | | |
|---|---|---|
| 89. | Disbursement | Disbursement = Disbursement -1 x (1 + gDisbursement)<br>Where, gDisbursement = growth. |
| 90. | Amortization | Amortization = Amortization -1 x (1 + gAmortization)<br>Where, gAmortization = growth. |
| 91. | Net Long Term Loan | NetLongLoan = NetLongLoan -1 x (1 + g NetLongLoan)<br>Where, g NetLongLoan = growth. |
| 92. | Net Short Term Loan | NetShortLoan = NetShortLoan -1 x (1 + g NetShortLoan)<br>Where, gNetShortLoan = growth. |
| 93. | Other Assets | OthAsset = OthAsset -1 x (1 + gOthAsset)<br>Where, gOthAsset = growth. |
| 94. | Trade Credit | TrdCredit = TrdCredit -1 x (1 + gTrdCredit)<br>Where, gTrdCredit = growth. |
| 95. | Net Commercial Bank | CoMBank = CoMBank-1 x (1 + gCoMBank)<br>Where, gCoMBank = growth. |

Balance of the BOP is captured in the overall balance. It is derived from the sum of all the three balances discussed above.

| | | |
|---|---|---|
| 96. | Overall Balance | OVB = CAB + CpAB + FAB |

The overall balance is covered by resource from the central bank. Any further discrepancies between the balance and the central bank resource are put into the error and omissions head.

| | | |
|---|---|---|
| 97. | Financing | BoPFinance = BBank + Errors and Omissions |
| 98. | Bangladesh Bank | BBank = BbAssets + BbLiabilities |
| | Bangladesh Bank Assets | BbAssets = BbAssets-1 * (1+gBbAsset) |
| | Bangladesh Bank Liability | BbLibility = BbLibility-1 * (1+gBbLibility) |
| 99. | Errors and Omissions | Errors and Omissions = OvBalance ─ BBank |

**SFYP Scenario**

**Key Assumptions for Setting the Scenarios**

1. The main source of growth envisaged during the SFYP is the accumulation of factor especially capital. Factor accumulation is supplemented by technological shift for some activities such as agriculture. Moderate improvement in capital accumulation is expected under the baseline scenario whereas substantially large improvements in investment and capital accumulation are required under the high and the medium policy shift scenarios. It is also assumed that agriculture activities will experience significant improvement in production technology which may allow more than 4.5 percent growth in agriculture under the high policy shift scenario.

2. In line with the past experience, the private sector would play the prime role in mobilizing resources for the SFYP. It is assumed that investment environment as well as the confidence of investors (i.e. local and external) will enhance with discernible improvements in following key areas:
    - Infrastructure-road, railways, dykes and bridges
    - Energy security-electricity and gas
    - Telecommunication
    - Ports
    - Economic administration including legal framework
    - Project implementation capacity
    - Overall socioeconomic environment including law and order situation

3. The public sector will assume the pivotal role for creating conducive environment for investment by bringing visible improvements in the above mentioned areas. Historically, the government has relied on the Annual Development Program (ADP) to implement public projects including those in infrastructure. Although, the ADP model has worked in the past when the domestic resource base was small and the country was highly dependent on foreign assistance to carry out public sector investment programs, it is now apparent that it is no longer an adequate mechanism and this will be more evident during the SFYP. Experiences in many countries suggest that Public Private Partnership (PPP) model is an effective alternative arrangement for implementing large scale infrastructure projects.[14] Thus, in addition to existing project implementation mechanism through ADP, a strengthened PPP framework especially for implementing infrastructure and energy projects would be critical for the SFYP. It is likely that PPP investment as a share of GDP would need to rise to at least 3 percent in FY15.

4. Large inflow of foreign direct investment (FDI) has been assumed especially under the high/medium policy shift scenarios. Financial intermediation process must improve

[14] Many countries in the region have successfully adopted the right PPP framework for accelerating investment in the critical infrastructure sectors. The examples of China, East Asia, Middle East and India are particularly noteworthy. In the oil producing Gulf Cooperation Council (GCC) countries, the massive $2 trillion investment plan currently underway, is largely being implemented under various PPP arrangements. Infrastructure investment in India under PPP is projected to increase to US$500 billion under the current five year plan.

substantially to tap domestically available resources (e.g. foreign remittances) for investment as well.

5. Considering the important role of remittances, appropriate policies will be needed to promote remittances as a tool of promoting both welfare of recipient households and raising productive investments. Along with institutional support to maximize remittance inflows through formal channels, better investment opportunities would be created for sustainable and productive use of remittance incomes via investment opportunity development, microenterprise development and enterprise development support.

6. Tax effort is very low in Bangladesh. 'Bangladesh collects only 9 percent of GDP as taxes whereas tax potential is likely to be in the range of 14-15 percent. The gap between this potential and actual collection is an indication of poor tax administration in Bangladesh which needs to be addressed during SFYP. For widening of tax base, SFYP would need measures to phase-out tax incentives, improve structural tax characteristics, administration and compliance. It is assumed that current initiatives to reform the VAT and income tax system within FY11 will help raise the tax effort.

Under the medium and high policy shift scenarios, the ready-made garment sector will continue to experience high rate of growth. Also, exports from the non-RMG sector will rise substantially. The current concentrated export basket will be diversified which will reduce vulnerability of the economy to any negative external shocks. The skill of the manpower will be enhanced with a view to fulfilling the need of the expanding sectors.

Regional integration effort through SAFTA, BIMSTEC and bilateral FTAs would be promoted with a view to enhancing Bangladesh's access to markets of neighboring countries.

The Padma Bridge will be completed by 2013 invoking salutary effects on income generation, trade facilitation and poverty reduction. The Padma Bridge would boost the country's GDP by 1.2 percent, revive the fortune of Mongla Port and cut poverty in the poorest south-west region of the country. The government needs to take advantage of the Padma Bridge to embark on development plan for the southwestern region covering a number of areas e.g. development of multi-modal transport system; revival of Mongla port and establishment of export zones; rail link with other regions; and exploiting farm and non-farm growth potentials.

**Table 1: SFYP Scenario for Key Economic Indicators , FY10 to FY15**

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | Average (FY11-15) |
|---|---|---|---|---|---|---|---|
| **Components:** | **(Actual)** | | | **(Projection)** | | | |
| **Real GDP Growth** | **6.1** | **6.7** | **7.0** | **7.2** | **7.6** | **8.0** | **7.3** |
| **Nominal GDP Growth** | 12.9 | 13.4 | 14.3 | 13.8 | 14.1 | 14.3 | 14.0 |
| **CPI Inflation (average)** | **7.3** | **8.0** | **7.5** | **7.0** | **6.5** | **6.0** | **7.0** |
| **Gross investment** | **24.4** | **24.7** | **26.8** | **29.6** | **31.0** | **32.5** | **29.3** |
| Private | 19.4 | 19.5 | 22.2 | 22.7 | 23.8 | 25.0 | 22.6 |
| Public | 5.0 | 5.3 | 6.6 | 6.9 | 7.2 | 7.5 | 6.7 |
| **National Savings** | **30.0** | **28.4** | **28.7** | **29.4** | **30.7** | **32.1** | **29.9** |
| **Total Revenue and Grants (% of GDP)** | | | | | | | |
| **Total Revenue** | **10.9** | **12.1** | **13.2** | **13.4** | **14.0** | **14.6** | **13.4** |
| Tax | 9.0 | 10.0 | 10.6 | 11.2 | 11.8 | 12.4 | 11.2 |
| Non Tax | 1.9 | 2.0 | 2.5 | 2.2 | 2.2 | 2.2 | 2.2 |
| **Grants** | **0.6** | **0.5** | **0.5** | **0.6** | **0.5** | **0.5** | **0.5** |
| **Total Expenditures** | **14.6** | **16.5** | **18.2** | **18.4** | **19.0** | **19.6** | **18.3** |
| Current Expenditures | 9.6 | 9.8 | 9.8 | 10.3 | 10.5 | 10.8 | 10.3 |
| ADP (PPP + Public entities) | 3.7 | 4.5 | 5.1 | 5.3 | 5.7 | 6.1 | 5.3 |
| Others Expenditures | 1.4 | 2.2 | 3.3 | 2.8 | 2.8 | 2.7 | 2.7 |
| **Overall balance (including grants)** | **-3.1** | **-3.9** | **-4.5** | **-4.4** | **-4.5** | **-4.5** | **4.4** |
| **Overall balance (Excluding grants)** | **-3.7** | **-4.4** | **-5.0** | **-5.0** | **-5.0** | **-5.0** | **-4.9** |
| Primary balance | -1.6 | -2.6 | -3.1 | -3.1 | -3.0 | -3.0 | 2.9 |
| **Financing (net)** | **3.7** | **4.4** | **5.0** | **5.0** | **5.0** | **5.0** | 4.9 |
| External | 1.4 | 1.3 | 2.0 | 2.0 | 2.0 | 2.0 | 1.8 |
| Domestic | 2.3 | 3.1 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| | | | | | | | |
| **Total debt** | **40.0** | **39.9** | **40.0** | **39.5** | **39.2** | **38.8** | **39.9** |
| External | 20.3 | 19.4 | 19.0 | 18.1 | 17.4 | 16.8 | 18.6 |
| Domestic | 19.7 | 20.5 | 21.0 | 21.4 | 21.8 | 22.1 | 21.3 |
| | | | | | | | |
| **Money and Credit (End of fiscal year in billion TK), percentage change)** | | | | | | | |
| **Net foreign assets** | **671** | **655** | **722** | **822** | **950** | **1085** | **846.9** |
| *(% Change)* | 39.9 | -2.3 | 10.2 | 13.7 | 15.6 | 14.2 | 10.3 |
| **Credit to private sector** | **2708** | **3439** | **4126** | **4869** | **5746** | **6780** | **4991.9** |
| *(% Change)* | 24.2 | 27.0 | 20.0 | 18.0 | 18.0 | 18.0 | 20.2 |
| **Broad money(M2)** | **3630** | **4357** | **5054** | **5862** | **6800** | **7888** | **5992.0** |
| *(% Change)* | 22.4 | 20.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.8 |
| **Balance of payments** | | | | | | | |
| **Exports (In billions US$)** | **16.2** | **22.4** | **25.7** | **29.4** | **33.8** | **38.8** | **30.0** |
| (annual percentage change) | 4.2 | 38.0 | 14.5 | 14.5 | 14.5 | 15.0 | 19.4 |
| **Import (In billions US$)** | **21.4** | **31.0** | **35.4** | **40.3** | **46.1** | **52.8** | **41.1** |
| (annual percentage change) | 5.4 | 45.0 | 14.0 | 14.0 | 14.5 | 14.5 | 20.4 |
| **Current Account Balance(in billions US$)** | **3.7** | **-0.3** | **-0.2** | **-0.2** | **-0.5** | **-0.7** | -0.4 |
| (percent of GDP) | 3.7 | -0.3 | -0.2 | -0.2 | -0.3 | -0.4 | -0.3 |
| Capital Account Balance(In billions US$) | -0.9 | 0.2 | 1.1 | 1.5 | 2.1 | 2.3 | 1.4 |
| **Overall balance** | **2.9** | **-0.2** | **0.9** | **1.3** | **1.6** | **1.6** | **1.0** |
| Gross official reserves in billion US$) | 10.7 | 10.7 | 11.6 | 12.9 | 14.5 | 16.1 | 13.2 |
| In months of imports | 5.1 | 3.6 | 3.4 | 3.4 | 3.4 | 3.3 | 3.5 |
| | | | | | | | |
| **Memorandum:** | | | | | | | |
| **Nominal GDP (In billions taka)** | 6943 | 7875 | 8999 | 10245 | 11685 | 13351 | 10430.8 |
| **Gross investments(in billion taka)** | 1694 | 1945 | 2592 | 3032 | 3622 | 4339 | 3106.1 |
| **Gross national savings(In billion Taka)** | 1953 | 1918 | 2577 | 3015 | 3587 | 4286 | 3076.7 |

**Table 2: SFYP Scenario: Government Budget, FY10 to FY15**

| | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | Average(FY11-15) |
|---|---|---|---|---|---|---|---|
| | *Actual* | *Budget* | | | *Projection* | | |
| | | | | *( In billions of taka)* | | | |
| **Total revenue and grants** | **797** | **991** | **1237** | **1428** | **1690** | **2015** | **1472** |
| Total revenue | 757 | 949 | 1186 | 1373 | 1636 | 1953 | 1419 |
| Tax revenue | 625 | 788 | 958 | 1147 | 1379 | 1660 | 1186 |
| NBR taxes | 597 | 756 | 922 | 1106 | 1327 | 1602 | 1143 |
| Nontax revenue | 132 | 161 | 229 | 225 | 257 | 294 | 233 |
| **Foreign grants** | **40** | **42** | **51** | **55** | **54** | **61** | **53** |
| | | | | | | | |
| **Total expenditure** | **1014** | **1292** | **1639** | **1882** | **2217** | **2617** | **1929** |
| Current expenditure | 666 | 774 | 886 | 1055 | 1227 | 1442 | 1077 |
| Pay and allowances | 161 | 204 | 234 | 277 | 316 | 374 | 281 |
| Goods and services | 87 | 108 | 118 | 143 | 164 | 200 | 147 |
| Interest payments | 149 | 150 | 180 | 195 | 234 | 267 | 205 |
| Subsidies and transfers | 267 | 310 | 352 | 410 | 479 | 561 | 422 |
| Block allocations | 3 | 2 | 2 | 31 | 35 | 40 | 22 |
| **ADP(PPP+ Public entities)** | **257** | **345** | **460** | **545** | **669** | **808** | **566** |
| Non-ADP capital spending | 87 | 87 | 146 | 184 | 210 | 227 | 171 |
| Net lending | 9 | 72 | 140 | 102 | 117 | 133 | 113 |
| Other expenditures | -6 | 14 | 0 | 0 | 0 | 0 | 3 |
| **Overall balance (including grants)** | **-217** | **-301** | **-402** | **-454** | **-527** | **-602** | **-457** |
| **Primary balance** | **-108** | **-194** | **-272** | **-315** | **-347** | **-397** | **-305** |
| **(Excluding grants)** | **-257** | **-343** | **-452** | **-509** | **-581** | **-664** | **-510** |
| | | | | | | | |
| **Net financing** | **257** | **343** | **452** | **509** | **581** | **664** | **510** |
| External | 104 | 98 | 181 | 195 | 230 | 261 | 193 |
| Domestic | 153 | 244 | 271 | 309 | 351 | 403 | 316 |
| Banks | -21 | 173 | 201 | 229 | 260 | 299 | 232 |
| Nonbanks | 174 | 71 | 70 | 80 | 91 | 104 | 83 |
| | | | | *(In Percent of GDP)* | | | |
| **Total revenue and grants** | **11.5** | **12.6** | **13.7** | **13.9** | **14.5** | **15.1** | **14.0** |
| Total revenue | 10.9 | 12.1 | 13.2 | 13.4 | 14.0 | 14.6 | 13.5 |
| Tax revenue | 9.0 | 10.0 | 10.6 | 11.2 | 11.8 | 12.4 | 11.2 |
| NBR taxes | 8.6 | 9.6 | 10.2 | 10.8 | 11.4 | 12.0 | 10.8 |
| Nontax revenue | 1.9 | 2.0 | 2.5 | 2.2 | 2.2 | 2.2 | 2.2 |
| **Foreign grants** | **0.6** | **0.5** | **0.5** | **0.6** | **0.5** | **0.5** | **0.5** |
| **Total expenditure** | **14.6** | **16.5** | **18.2** | **18.4** | **19.0** | **19.6** | **18.3** |
| Current expenditure | 9.6 | 9.8 | 9.8 | 10.3 | 10.5 | 10.8 | 10.3 |
| Pay and allowances | 2.3 | 2.6 | 2.6 | 2.7 | 2.7 | 2.8 | 2.7 |
| Goods and services | 1.3 | 1.4 | 1.3 | 1.4 | 1.4 | 1.5 | 1.4 |
| Interest payments | 2.1 | 1.9 | 2.0 | 1.9 | 2.0 | 2.0 | 2.0 |
| Subsidies and transfers | 3.8 | 3.9 | 3.9 | 4.0 | 4.1 | 4.2 | 4.0 |
| Block allocations | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.3 | 0.2 |
| **ADP** | **3.7** | **4.5** | **5.1** | **5.3** | **5.7** | **6.1** | **5.3** |
| **Non-ADP capital & Net lending** | **1.4** | **2.0** | **3.2** | **2.8** | **2.8** | **2.7** | **2.7** |
| **Overall balance (excluding grants)** | **-3.7** | **-4.4** | **-5.0** | **-5.0** | **-5.0** | **-5.0** | **4.9** |
| **Primary balance** | **-1.6** | **-2.6** | **-3.1** | **-3.1** | **-3.0** | **-3.0** | **2.9** |
| | | | | | | | |
| **Net financing** | **3.7** | **4.4** | **5.0** | **5.0** | **5.0** | **5.0** | **4.9** |
| External | 1.4 | 1.3 | 2.0 | 2.0 | 2.0 | 2.0 | 1.8 |
| Domestic | 2.3 | 3.1 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Banks | -0.3 | 2.3 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 |
| Nonbanks | 2.6 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| | | | | | | | |
| **Memorandum Item** | | | | | | | |
| **Nominal GDP(in billion of taka)** | **6943** | **7875** | **8999** | **10245** | **11685** | **13351** | **10431** |

**Table 3: SFYP Scenario for Balance of Payments, FY10 to FY15**
**(In millions of US$ or otherwise indicated)**

| Items | *FY 10* | *FY 11* | *FY 12* | *FY 13* | *FY 14* | *FY 15* |
|---|---|---|---|---|---|---|
| **Trade balance** | **-5152.0** | **-8606.9** | **-9699.9** | **-10929.6** | **-12367.5** | **-13991.9** |
| Export f.o.b.(including EPZ) | 16236.0 | 22405.7 | 25654.5 | 29374.4 | 33780.6 | 38847.7 |
| Import f.o.b (including EPZ) | -21388.0 | -31012.6 | -35354.4 | -40304.0 | -46148.1 | -52839.5 |
| **Services** | **-1237.0** | **-2252.4** | **-2385.6** | **-2493.0** | **-2609.0** | **-2744.1** |
| Receipts | 2471.0 | 2550.5 | 2782.6 | 2842.0 | 2929.1 | 2999.4 |
| Payments | -3708.0 | -4803.0 | -5168.3 | -5335.1 | -5538.1 | -5743.5 |
| **Income** | **-1487.0** | **-1727.9** | **-1784.2** | **-1956.4** | **-2146.5** | **-2377.8** |
| Receipts | 52.0 | **65.0** | **78.0** | **92.0** | **106.8** | **123.3** |
| Payments | -1539.0 | -1792.9 | -1862.2 | -2048.4 | -2253.2 | -2501.1 |
| **Current transfers** | **11610.0** | **12212.4** | **13677.6** | **15149.6** | **16684.5** | **18465.2** |
| Official transfers | 122.0 | 150.0 | 120.0 | 120.0 | 120.0 | 120.0 |
| Private transfers | 11488.0 | 12062.4 | 13557.6 | 15029.6 | 16564.5 | 18345.2 |
| Of which : Workers' remittances | 10987.0 | 11536.4 | 12690.0 | 14212.8 | 15918.3 | 17828.5 |
| **Current Account Balance** | **3734.0** | **-374.9** | **-192.1** | **-229.4** | **-438.5** | **-648.5** |
| **Financial and Capital Account** | **-869.0** | **160.6** | **1094.4** | **1519.1** | **2051.0** | **2286.0** |
| **Capital account** | **442.0** | **465.5** | **584.1** | **643.0** | **629.0** | **715.0** |
| Capital transfers | 442.0 | 465.5 | 584.1 | 643.0 | 629.0 | 715.0 |
| **Financial Account** | **-1311.0** | **-304.9** | **510.2** | **876.1** | **1422.0** | **1571.0** |
| Foreign Direct Investment | 636.0 | 950.0 | 1050.0 | 1250.0 | 1350.0 | 1590.0 |
| Foreign Portfolio Investment | -117.0 | -80.0 | -50.0 | -50.0 | -50.0 | -50.0 |
| Net Aid Loans | 914.0 | 788.1 | 1802.6 | 1989.1 | 2378.7 | 2681.0 |
| Loan Disbursements | 1601.0 | 1505.6 | 2544.1 | 2895.1 | 3434.7 | 3881.0 |
| Debt Amortization | -687.0 | -717.5 | -741.5 | -906.0 | -1056.0 | -1200.0 |
| Other Long term Loans (net) | -156.0 | -200.0 | -200.0 | -50.0 | -120.0 | -170.0 |
| Other Short term Loans (net) | 231.0 | 412.0 | 347.6 | 407.0 | 513.3 | 520.0 |
| Other Capital | -903.0 | -910.0 | -950.0 | -1050.0 | -900.0 | -1200.0 |
| Trade Credits (net) | -1045.0 | -1105.0 | -1250.0 | -1250.0 | -1350.0 | -1450.0 |
| Commercial Banks (net) | -315.0 | -160.0 | -240.0 | -370.0 | -400.0 | -350.0 |
| **Errors and Omissions** | -556 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Overall Balance** | **2865.0** | **-214.3** | **902.3** | **1289.7** | **1612.5** | **1637.5** |
| Reserve Assets | -3113.0 | 1093.1 | -293.6 | -934.8 | -1096.4 | -1079.4 |
| Bangladesh Bank | -3113.0 | 1093.1 | -293.6 | -934.8 | -1096.4 | -1079.4 |
| Assets | -3616.0 | 743.1 | -576.6 | -1217.8 | -1379.4 | -1362.4 |
| Liabilities | 751.0 | 350.0 | 283.0 | 283.0 | 283.0 | 283.0 |
| | **FY'10** | **FY'11** | **FY'12** | **FY'13** | **FY'14** | **FY'15** |
| Exchange rate (%) | 69.29 | 71.51 | 74.29 | 76.97 | 79.60 | 82.17 |
| Inflation(Trading Partners) % | 3.3 | 3.0 | 2.8 | 2.5 | 2.5 | 2.5 |
| Export as (%) of GDP | 16.2 | 20.3 | 21.2 | 22.1 | 23.0 | 23.9 |
| Import as (%) of GDP | 21.3 | 28.2 | 29.2 | 30.3 | 31.4 | 32.5 |
| Remittance as (%) of GDP | 10.9 | 10.5 | 10.5 | 10.3 | 10.2 | 10.0 |
| Current Account Balance as (%) of GDP | 3.7 | -0.3 | -0.2 | -0.2 | -0.3 | -0.4 |
| FDI as (%) of GDP | 0.6 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 |
| MLT as (%) of GDP | 1.6 | 1.4 | 2.1 | 2.2 | 2.3 | 2.4 |

| Table 4: SFYP Scenario for Monetary Survey (Stock) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Components | **FY'09** | **FY'10** | **FY'11** | **FY'12** | **FY'13** | **FY'14** | **FY'15** |
| Broad Money | 2965.0 | 3630.4 | 4356.5 | 5053.5 | 5862.1 | 6800.0 | 7888.1 |
| Net Foreign Assets | 479.3 | 670.7 | 655.4 | 722.4 | 821.7 | 950.1 | 1084.6 |
| Net Domestic Assets | 2485.7 | 2959.7 | 3800.2 | 4331.1 | 5040.4 | 5850.0 | 6803.4 |
| Domestic Credit (a+b+c) | 2885.1 | 3401.8 | 4356.3 | 5265.3 | 6256.9 | 7413.1 | 8761.6 |
| Claims on Public Sector (a+b) | 705.8 | 694.2 | 917.7 | 1138.9 | 1387.8 | 1667.6 | 1981.8 |
| a. Claims on Govt. (net) | 581.9 | 543.9 | 717.2 | 918.4 | 1147.3 | 1407.6 | 1706.3 |
| b. Claims on Other Public | 123.9 | 150.2 | 200.5 | 220.5 | 240.5 | 260.0 | 275.5 |
| c. Claims on Private Sector | 2179.3 | 2707.6 | 3438.7 | 4126.4 | 4869.1 | 5745.6 | 6779.8 |
| Net Other Assets | -399.4 | -442.1 | -556.1 | -934.2 | -1216.5 | -1563.2 | -1958.1 |
| **Monetary Survey (Flow)** | | | | | | | |
| Components | **FY'09** | **FY'10** | **FY'11** | **FY'12** | **FY'13** | **FY'14** | **FY'15** |
| Broad Money | 472.2 | 665.4 | 726.1 | 697.0 | 808.6 | 937.9 | 1088.0 |
| Net Foreign Assets | 102.6 | 191.4 | -15.3 | 67.0 | 99.3 | 128.4 | 134.5 |
| Net Domestic Assets | 369.6 | 474.0 | 840.6 | 530.9 | 709.3 | 809.6 | 953.5 |
| Domestic Credit (a+b+c) | 409.7 | 516.7 | 954.6 | 909.0 | 991.6 | 1156.2 | 1348.4 |
| Claims on Public Sector (a+b) | 117.4 | -11.6 | 223.5 | 221.2 | 248.9 | 279.8 | 314.2 |
| a. Claims on Govt. (net) | 111.9 | -37.9 | 173.3 | 201.2 | 228.9 | 260.3 | 298.7 |
| b. Claims on Other Public | 5.5 | 26.3 | 50.3 | 20.0 | 20.0 | 19.5 | 15.5 |
| c. Claims on Private Sector | 292.3 | 528.3 | 731.1 | 687.7 | 742.7 | 876.4 | 1034.2 |
| Net Other Assets | -40.2 | -42.7 | -114.0 | -378.1 | -282.3 | -346.7 | -395.0 |
| **Monetary Survey (Growth based On initial Broad money)** | | | | | | | |
| Components | **FY'09** | **FY'10** | **FY'11** | **FY'12** | **FY'13** | **FY'14** | **FY'15** |
| Broad Money | 18.9 | 22.4 | 20.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Net Foreign Assets | 4.1 | 6.5 | -0.4 | 1.5 | 2.0 | 2.2 | 2.0 |
| Net Domestic Assets | 14.8 | 16.0 | 23.2 | 12.2 | 14.0 | 13.8 | 14.0 |
| Domestic Credit (a+b+c) | 16.4 | 17.4 | 26.3 | 20.9 | 19.6 | 19.7 | 19.8 |
| Claims on Public Sector (a+b) | 4.7 | -0.4 | 6.2 | 5.1 | 4.9 | 4.8 | 4.6 |
| a. Claims on Govt. (net) | 4.5 | -1.3 | 4.8 | 4.6 | 4.5 | 4.4 | 4.4 |
| b. Claims on Other Public | 0.2 | 0.9 | 1.4 | 0.5 | 0.4 | 0.3 | 0.2 |
| c. Claims on Private Sector | 11.7 | 17.8 | 20.1 | 15.8 | 14.7 | 15.0 | 15.2 |
| Net Other Assets | -1.6 | -1.4 | -3.1 | -8.7 | -5.6 | -5.9 | -5.8 |
| **Monetary Survey (%) Change** | | | | | | | |
| Components | **FY'09** | **FY'10** | **FY'11** | **FY'12** | **FY'13** | **FY'14** | **FY'15** |
| Broad Money | 19.2 | 22.4 | 20.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Net Foreign Assets | 27.2 | 39.9 | -2.3 | 10.2 | 13.7 | 15.6 | 14.2 |
| Net Domestic Assets | 17.8 | 18.8 | 23.8 | 16.4 | 16.6 | 16.6 | 16.7 |
| Domestic Credit (a+b+c) | 15.9 | 17.6 | 28.3 | 21.1 | 19.3 | 18.9 | 18.7 |
| Claims on Public Sector (a+b) | 20.0 | -1.6 | 32.2 | 24.1 | 21.9 | 20.2 | 18.8 |
| a. Claims on Govt. (net) | 23.8 | -6.5 | 31.9 | 28.1 | 24.9 | 22.7 | 21.2 |
| b. Claims on Other Public | 4.7 | 21.2 | 33.4 | 10.0 | 9.1 | 8.1 | 6.0 |
| c. Claims on Private Sector | 14.6 | 24.2 | 27.0 | 20.0 | 18.0 | 18.0 | 18.0 |
| Net Other Assets | 11.2 | 10.7 | 25.8 | 68.0 | 30.2 | 28.5 | 25.3 |

**Annex 1: Regression Results**

**Table 108: Regression Results Private Consumption**

| Equation No. | Dependent Variable | Constant | r_GDP | Δr_GDP | r_GDP-1 | r_GDP-2 | rTd | $R^2$ | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | r_Cpv | 219.47<br>(3.98) | 0.71<br>(19.74) | -.0026<br>(-0.04) | | | -0.017<br>(-2.02) | 0.996 | 27 |
| 2. | r_Cpv | 219.47<br>(3.98) | 0.707<br>(12.02) | | 0.0026<br>(0.04) | | -0.017<br>(-2.02) | 0.996 | 27 |
| 3. | r_Cpv | 217.57<br>(3.39) | 0. 667<br>(15.40) | | | 0.048<br>(0.93) | -0.019<br>(-2.22) | 0.997 | 26 |
| 4. | r_Cpv | 107.03<br>(3.98) | 0.701<br>(11.98) | | 0.055<br>(0.89) | | -0.0228<br>(-3.47) | 0.998 | 27 |
| 5. | r_Cpv | 103.6<br>(4.39) | 0.657<br>(15.40) | | | 0.11<br>(2.19) | -0.023<br>(-3.97) | 0.999 | 26 |

Note: in the first three equations nominal private consumption data was deflated by CPI GDP deflator to calculate the real series.

In other two equations nominal private consumption data was deflated by GDP deflator to get the real series.

**Table 2: Regression Results Private Investment**

| Equation No. | Dependent Variable | Constant | r_GDP | Δr_GDP | r_GDP-1 | Reer | Reer-1 | Reer-2 | Ria | $R^2$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6. | r_Ipv | -83.98<br>(-1.66) | 0.366<br>(21.52) | -0.061<br>(-1.52) | | | -3.196<br>(-4.11) | | -4.525<br>(-1.44) | 0.997 | 25 |
| 7. | r_Ipv | -83.98<br>(-1.66) | 0.305<br>(7.73) | | 0.366<br>(21.26) | | -3.196<br>(-4.11) | | -4.525<br>(-1.44) | 0.997 | 25 |
| 8. | r_Ipv | -165.76<br>(-2.28) | 0.336<br>(7.7.6) | | 0.071<br>(1.64) | | | -3.29<br>(-2.87) | -9.59<br>(-2.25) | 0.995 | 25 |
| 9. | r_Ipv | -192.14<br>(-1.92) | 0.336<br>(5.96) | | 0.103<br>(1.80) | -3.903<br>(-1.91) | | | -8.11<br>(-1.55) | 0.994 | 26 |
| 10. | r_Ipv | -165.76<br>(-2.28) | | 0.406<br>(14.22) | | | -3.29<br>(-2.87) | | -9.59<br>(-2.25) | 0.996 | 25 |

Note: in the first two equations nominal private investment data was deflated by GDP deflator to calculate the real series.

In other three equations nominal private investment data was deflated by CPI to get the real series

**Table 3: Regression Results Export**

| Equation No. | Dependent Variable | Constant | r_GDP | r_GDP-1 | r_Exdd | XPI | $R^2$ | |
|---|---|---|---|---|---|---|---|---|
| 11. | r_E | -272.24<br>(-9.18) | 0.238<br>(37.76) | | 0.067<br>(2.89) | 0.89<br>(1.96) | 0.994 | 25 |
| 12. | r_E | -261.92<br>(-9.11) | 0.132<br>(2.63) | 0.119<br>(1.81) | 0.108<br>(3.40) | 0.64<br>(1.40) | 0.995 | 25 |

**Table 4: Regression Results CPI**

| Equation No. | Dependent Variable | Constant | PM | PM-1 | RREEM | BM | g_M2 | M2 | M2-1 | PSBR | $R^2$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13. | CPI | -9.21<br>(-1.05) | 1.12<br>(8.80) | | | | -0.83<br>(-2.9) | | | 0.106<br>(2.03) | 0.976 | 20 |
| 14. | CPI | -25.57<br>(-1.65) | 1.20<br>(4.0) | | | | | 0.058<br>(0.95) | | 0.003<br>(0.24) | 0.963 | 20 |
| 15. | CPI | 35.38<br>(8,62) | | | | | | 0.0488<br>(5.74) | | 0.185<br>(2.54) | 0.927 | 20 |
| 16. | CPI | 34.98<br>(9,13) | | | | | | | 0.056<br>(6.28) | 0.187<br>(2.81) | 0.935 | 20 |
| 17. | CPI | 70.775<br>(3.21) | | 0.275<br>(1.74) | 0.0926<br>(4.30) | 0.162<br>(4.45) | | | | | 0.923 | 25 |

**Table 5: Regression Results Import**

| Equation No. | Dependent Variable | Constant | r_GDP | r_Exdd | r_Rerm | Intr | Erp | Aer | $R^2$ | |
|---|---|---|---|---|---|---|---|---|---|---|
| 18. | r_M | 7.49<br>(0.08) | 0.104<br>(1.66) | 0.195<br>(4.08) | 0.479<br>(1.56) | -9.15<br>(-2.74) | 5.48<br>(2.94) | | 0.985 | 26 |
| 19. | r_M | -41.41<br>(-0.46) | 0.148<br>(2.40) | 0.185<br>(3.41) | 0.342<br>(1.06) | -9.46<br>(-2.66) | | 4.69<br>(2.26) | 0.982 | 26 |
| 20. | r_M | -81.52<br>(-1.00) | 0.182<br>(3.46) | 0.188<br>(3.45) | | -9.83<br>(-2.76) | | 4.61<br>(2.22) | 0.982 | 26 |
| 21. | r_M | -17.41<br>(-0.29) | 0.144<br>(2.40) | 0.195<br>(3.33) | 0.489<br>(1.71) | -7.18<br>(-2.58) | 3.27<br>(1.66) | 4.69<br>(2.26) | 0.982 | 26 |

**Annex 2: Some Tax Revenue Sources and Their Proxy Bases**

| | Tax Revenue Sources | Tax Bases, Proxies |
|---|---|---|
| **A.** | **Taxes on Net Income and Profits** | |
| 1. | Corporate | Enterprise Profits on derived from National Account; Operating Surplus of the Enterprise; GDP |
| 2. | Individual | Wages and Salaries and Other Private Income from the National Accounts ; National Income; GDP |
| **B.** | **Social Insurance Taxes or Contributions** | |
| 3. | Employer | Wages and Salaries; GDP |
| 4. | Employee | Wages and Salaries; and Non-wage Income of Self-employed persons |
| **C.** | **Taxes on Property** | |
| 5. | Real Estate | Rents; Aggregate Value of Real Estate; Aggregate Wealth |
| 6. | Personal Wealth | Property Income; National Income; Wealth |
| 7. | Death and Gift Taxes | Demographic Incidence of Deaths and Number of Persons in the Highest Income Brackets; GDP |
| 8. | Property Transfers | Value of Urban Properties and Number of Transactions |
| **D.** | **Taxes on Production, Consumption and Sales** | |
| 9. | Sales, Turnover, or Value-Added Tax | Private Consumption; Retail Sales |
| 10. | Selective Excises | Production or Consumption Figures on Major Excisable Commodities; Private Consumption |
| 11. | Profits of Fiscal Monopolies | Value or Volume of Consumption of Fiscal Monopoly Commodities; GDP |
| **E.** | **Taxes on International Trade and Transactions** | |
| 12. | Import Duties | Value and Volume of Imports |
| 13. | Export Duties | Value and Volume of Exports |
| 14. | Export Marketing Boards | Estimated Profits on Exports Handled by Boards; Total Exports |
| 15. | Exchange Profits | Value of Exchange Transactions |
| **F.** | **Other Taxes** | |
| 16. | Business and Professional Licenses | Number of Licenses Issued; Nominal Value Added in Retailing; GDP |
| 17. | Poll Taxes or Personal Taxes | Demographic Data for Relevant Age Group |
| 18. | Stamp Taxes | Value of Important Categories of Transactions Involved and Estimated Frequency of Transactions |
| 19. | All Other Taxes on Income, Property, Production and Trade | National Income; GDP |

Note: The Table is adapted from Sheetal Chand, "Some Procedures for Forecasting Tax Revenue in Developing Countries," DM/75/91, IMF, October 1975.

# Results from the Dynamic CGE Model of Bangladesh

## Introduction

The macro-economic framework for the SFYP has been used to generate consistent macro economic projections for the plan period. A dynamic computable general equilibrium (DCGE) model, based on an updated input-output table and a social accounting matrix (SAM) for Bangladesh for FY07, has been used to derive the sectoral implications of the macro projections considered in the SFYP. The key outcomes of the macroeconomic framework are linked to the DCGE model. Furthermore, an Employment Satellite Matrix (ESM), constructed for FY07 has been linked to the sectoral output growth derived from the DCGE model to generate the sectoral employment impacts.

The reason for employing a dynamic CGE model is due to fact that a dynamic CGE model is capable of capturing the growth effects of policy reforms. The inability of the static CGE model to account for growth effects make them inadequate for long-run analysis of the economic policies. They exclude accumulation effects and do not allow the study of transition path of an economy where short-run policy impacts are likely to be different from those of the long-run. To overcome this limitation we use a sequential dynamic CGE model. This kind of dynamics will not be the result of inter-temporal optimisation by economic agents. Instead, these agents have myopic behaviour. It is a series of static CGE models that are linked between periods by updating procedures for exogenous and endogenous variables. Capital stock is updated endogenously with a capital accumulation equation, whereas population (and total labour supply) is updated exogenously between periods. Also other variables such as public expenditure, transfers, technological change or debt accumulation are updated over time. The sequential dynamic CGE model has two major modules: static module and dynamic module. Descriptions of the static and dynamic modules of the model are presented in the subsequent sections.

## Static Module of the DCGE Model

### Production bloc

In each sector there is a representative firm, which earns capital income, pays dividends to households and pays direct income taxes to the government. We adopt a nested structure for production. Sectoral output is a Leontief function of value added and total intermediate consumption. Value added is in turn represented by a CES function of capital and composite labour. The latter is also represented by a CES function of two labour categories: skilled labour and unskilled labour. Both labour categories are assumed to be fully mobile in the model. In different production activities we assume that a representative firm remunerates factors of production and pays dividends to households.

The equations of the production bloc are provided below. The description of the variables and parameters is provided in the Annex.

(1) $$XS_j = Min\left[\frac{CI_j}{io_j}, \frac{VA_j}{v_j}\right]$$

(2) $$VA_j = A_j^{KL}\left[\alpha_i^{KL}\, LD_i^{-\rho_i^{KL}} + \left(1-\alpha_i^{KL}\right)KD_i^{-\rho_i^{KL}}\right]^{-1/\rho_i^{KL}}$$

(3) $$LD_i = A_i^{LL}\left[\alpha_i^{LL}\, QL_i^{-\rho_i^{LL}} + \left(1-\alpha_i^{LL}\right)NQL_i^{-\rho_i^{LL}}\right]^{-1/\rho_i^{LL}}$$

(4) $$CI_j = io_j XS_j$$

(5) $$DI_{i,j} = aij_{i,j} CI_j$$

(6) $$LD_i = \left(\frac{\alpha_i^{KL}}{1-\alpha_i^{KL}}\right)^{\sigma_i^{KL}}\left(\frac{r_i}{w_i}\right)^{\sigma_i^{KL}} KD_i$$

(7) $$NQL_i = \left(\frac{\alpha_i^{LL}}{1-\alpha_i^{LL}}\right)^{\sigma_i^{LL}}\left(\frac{wq}{wnq}\right)^{\alpha_i^{LL}} QL_i$$

**Income and demand bloc**

Households earn their income from production factors: skilled and unskilled labour, agricultural and non-agricultural capital. They also receive dividends, intra-household transfers, government transfers and remittances and pay direct income tax to the government. Household savings are a fixed proportion of total disposal income. Household demand is represented by a linear expenditure system (LES) derived from the maximisation of a Stone-Geary utility function. The model includes nine household categories according to characteristics of the household head, as identified in the HES household survey. Five of these categories correspond to rural households and four are of urban households. Minimal consumption levels are calibrated by using guess-estimates of the income elasticity and the Frisch parameters.

The government receives direct tax revenue from households and firms and indirect tax revenue on domestic and imported goods. Its expenditure is allocated between the consumption of goods and services (including public wages) and transfers. The model accounts for indirect or direct tax compensation in the case of a tariff cut. The equations are provided below:

(8) $$YH_h = \lambda_h^{WQ}.wq\sum_j QL_j + \lambda_h^{WQN}.\sum_j NQL_j + \lambda_h^R\sum_{nag} r_{nag}KD_{nag} + \lambda_h^L.\sum_{ag} r_{ag}KD_{ag} + P_{indexTG_h} + P_{indexTH_{hhj}} + P_{indexTWH_h} + DIV_h$$

(9) $$YDH_h = YH_h - DTH_h$$

(10) $$SH_h = v.\psi_h.YDH_h$$

(11) $$YF = \lambda^{RF}\sum_i r_i KD_i + \lambda^{LF}.rl.LAND$$

(12) $$SF = YF - \sum_h DIV_h - e.DIV^{ROW} - DTF$$

(13) $$YG = \sum_i TI_i + \sum_i TIE_i + \sum_i DTH_h + DTF$$

(14) $SG = YG - G - PINDEX \sum_h TG_h$

(15) $TI_i = tx_i(P_iXS_i - PE_iEX_i) + tx_i(1 + tm_i).e.PWM_iM_i$

(16) $TIM_i = tm_i e.PWM_i M_i$

(17) $TIE_i = te_i PE_i EX_i$

(18) $DTH_h = tyh_h YH_h$

(19) $DTF = tyf.YF$

(20) $CTH_h = YDH_h - SH_h$

(21) $PC_i C_{i,h} = PC_i C_{i,h}^{min} + \gamma_{i,h}\left(CTH_h - \sum_j PC_j C_{j,h}^{min}\right)$

(22) $G = CG_{ser} PC_{ser}$

(23) $INV_i = \frac{\mu_i IT}{PC_i}$

(24) $DIT_i = \sum_j DI_j$

**International Trade**

We assume that foreign and domestic goods are imperfect substitutes. This geographical differentiation is introduced by the standard Armington assumption with a constant elasticity of substitution function (CES) between imports and domestic goods. On the supply side, producers make an optimal distribution of their production between exports and local sales according to a constant elasticity of transformation (CET) function. Furthermore, we assume a finitely elastic export demand function that expresses the limited power of the local producers on the world market. In order to increase their exports, local producers may decrease their free on board (FOB) prices. The equations are provided below:

(25) $XS_i = B_i^E \left[\beta_i^E EX_i^{k_i^E} + (1 + \beta_i^E) D_i^{k_i^E}\right]^{\frac{1}{k_i^E}}$

(26) $EX_i = \left[\left(\frac{PE_i}{PL_i}\right)\left(\frac{1 - \beta_i^E}{\beta_i^E}\right)\right]^{\tau_i^E} D_i$

(27) $EXD_i = EXD_i^0 . \left(\frac{PWE_i}{PE_{FOB_i}}\right)^{elast_i}$

(28) $Q_i = A_i^M \left[\alpha_i^M M_i^{-\rho_i^M} + (1 - \alpha_i^M) D_i^{-\rho_i^M}\right]^{\frac{-1}{\rho_i^M}}$

(29) $M_i = \left[\left(\frac{PD_i}{PM_i}\right)\left(\frac{\alpha_i^M}{1 - \alpha_i^M}\right)\right]^{\sigma_i^M} D_i$

(30) $CAB = \sum_i PWM_i M_i + \lambda^{ROW} \Sigma_i r_i KD_i / e + DIV^{ROW} - \sum_i PE_{FOB_i} EX_i$

**Price blocs**

The prices equations are provided below. The nominal exchange rate is the numéraire in each period.

(31) $PV_j = \frac{P_j XS_j - \sum_i PC_i DI_{i,j}}{VA_j}$

(32) $r_i = \frac{PV_i VA_i - w_i LD_i}{KD_i}$

(33) $w_i = \frac{wq.QL_i - wnq.NQL_i}{LD_i}$

(34) $PD_i = (1 + tx_i)PL_i$

(35) $PM_i = (1 + tx_i).(1 + tm_i).e.PWM_i$

(36) $PE_i = \frac{e.PE_{FOB_i}}{1 + te_i}$

(37) $PC_i Q_i = PD_i D_i + PM_i M_i$

(38) $P_i XS_i = PL_i D_i + PE_i EX_i$

(39) $P_{inv} = \prod_i \left(\frac{PC_i}{\mu_i}\right)^{\mu_i}$

(40) $P_{index} = \sum_i \delta_i PV_i$

**Equilibrium Condition**

General equilibrium is defined by the equality (in each period) between supply and demand of goods and factors and the investment-saving identity. The equations are provided below:

(41) $Q_i = DIT_i + \sum_h C_{i,h} + INV_i + Dstk_i$

(42) $EX_i = EXD_i$

(43) $LSQ = \sum_j QL_j$

(44) $LSNQ = \sum_j NQL_j$

(45) $IT + \sum_i PC_i Dstk_i = \sum_h SH_h + SF + SG + e.CAB$

**Dynamic Module of the DCGE Model**

In every period capital stock is updated with a capital accumulation equation. We assume that the stocks are measured at the beginning of the period and that their flows are measured at the end of the period. We use an investment demand function to determine how new investments will be distributed between the different sectors. This can also be done through a capital distribution function[15]. Investment here is not by origin (product) but rather by sector of destination. The investment demand function used here is similar to those proposed by Bourguignon et al. (1989), and Jung and Thorbecke (2003). The capital accumulation rate (ratio of investment to capital stock) is increasing with respect to the ratio of the rate of return to capital and its user cost. The latter is equal to the dual price of investment times the sum of the depreciation rate and the exogenous real interest rate. The elasticity of the accumulation rate with respect to the ratio of return to capital and its user cost is assumed to be equal to two. By introducing investment by destination, we respect the equality condition with total investment by origin in the SAM (Social Accounting Matrix). Besides this, investment by destination is used to calibrate the sectoral capital stock in base run.

Total labour supply is an endogenous variable, although it is assumed to simply increase at the exogenous population growth rate. Note that the minimal level of consumption in the LES function also increases (as do other nominal variables, like transfers) at the same rate. The exogenous dynamic updating of the model includes nominal variables (that are indexed), government savings and the current account balance. The equilibrium between total savings and total investment is reached by means of an adjustment variable introduced in the investment demand function. Moreover, the government budget equilibrium is met by a neutral tax adjustment.

The model is formulated as a static model that is solved sequentially over a certain period time horizon.[16] The model is homogenous in prices and calibrated in a way to generate "*steady state*" paths. In the baseline all the variables are increasing, in level, at the same rate and the prices remain constant. The homogeneity test (for example, a shock on the numéraire – the nominal exchange rate – with the "steady state" characteristics) generates the same shock on prices, and unchanged real values, along the counterfactual path. This method is used to facilitate welfare and poverty analysis since all prices remain constant along the business as usual (BaU) path.

It is, however, important to note that, in contrast to the static CGE models, which make counterfactual analysis with respect to the base run (generally the initial SAM), a dynamic CGE model allows the economy to grow even in the absence of a shock. This scenario of the economy (without a shock) is termed as the business-as-usual (BAU) scenario. The counterfactual analysis of any simulation under the dynamic CGE model is, therefore, done with respect to this growth

[15] Abbink et al (1995) use a sequential dynamic CGE model for Indonesia where total investment is distributed as a function of base year sectoral shares in total capital remuneration and sectoral profit rates.

[16] The model is formulated as a system of non linear equations solved simultaneously as a constrained non-linear system (CNS) with GAMS/Conopt3 solver.

path. One of the salient features of the dynamic model is that it takes into account not only efficiency effects, as also present in the static models, but also accumulation effects. The sectoral accumulation effects are linked to the ratio between the rate of return to the capital stock and the cost of investment goods. The equations of the dynamic bloc are provided below.

(46) $KD_{i,t+1} = (1-\delta)KD_{i,t} + Ind_{i,t}$

(47) $LSQ_{t+1} = (1+ng).LSQ_t$

(48) $LSNQ_q = (1+ng).NQL_t$

(49) $C^{min}_{i,h,t+1} = (1+ng)C^{\min}_{i,h,t}$

(50) $\frac{Ind_{i,t}}{KD_{i,t}} = A_i^{IK}\left(\frac{R_{i,t}}{U_{i,t}}\right)^2$

(51) $U_{i,t} = Pinv_t(ir+\delta_i)$

(52) $IT_t = Pinv_t.\sum_i Ind_{i,t}$

(53) $SG_{t+1} = (1+ng)SG_t$

(54) $CAB_{t+1} = (1+ng)CAB_t$

(55) $TG_{t+1} = (1+ng)TG_t$

(56) $CG_{t+1} = (1+ng)CG_t$

(57) $Dstk_{t+1} = (1+ng)Dstk_t$

(58) $DIV_{t+1} = (1+ng)DIV_t$

(59) $DIV_{ROW_{t+1}} = (1+ng)DIV_{ROW_t}$

(60) $TWH_{t+1} = (1+ng)TWH_t$

(61) $TH_{h,hj,t+1} = (1+ng)TH_{h,hj,t}$

(62) $EXD^o_{t+1} = (1+ng)EXD^o_t$

**The Bangladesh Social Accounting Matrix for 2006-07**

For the purpose this exercise, a SAM for 2006/07 for Bangladesh has been constructed. SAM 2006/07 composed of 189 accounts. The distributions of 189 accounts are: (i) 86 activities; (ii) 86 commodities; (iii) 4 factors of production; (iv) 11 current institutions; and (v) 2 capital institutions. Data on various components of the demand side have been collected from Bangladesh Bureau of Statistics (BBS). In particular, data on public consumption by 86 commodities, gross fixed capital formation by 86 commodities, and private consumption by 86 commodities have been obtained from BBS. The vector of private consumption data is further distributed among the eight representative household groups using the unit record data of

Household Income and Expenditure Survey (HIES) of 2005. Data on exports of goods and services are collected from the Export Promotion Bureau and Bangladesh Bank (i.e. the central bank of Bangladesh). Supply side composed of value added and imports of goods and services. We used disaggregated BBS data to derive the value added vector for the 86 activities. Data on imports of goods and services are collected from the Bangladesh Bank and the National Board of Revenue. Information on direct and indirect taxes and subsidies has been collected from the National Board of Revenue and the Finance division, Ministry of Finance. Input-output flow matrix for 2006/07 has been derived by using newly conducted surveys for few selected activities and updating the previous technology vectors using secondary information. More specifically, out of the 86 activities, technology vectors of five important activities such as paddy, livestock, poultry, pharmaceuticals and information technology (ICT) have been derived using the field survey data. The technology vectors of the remaining activities are updated using secondary information.

For the DCGE model, we use an aggregated version of the SAM of Bangladesh that includes 15 sectors, four factors of production: skilled and unskilled labour, agricultural and non-agricultural capital. An important feature of the SAM is the decomposition of the households into seven groups. Households are classified in terms of location - urban and rural. In case of rural households, occupation and ownership of agricultural capital by the household is the main criterion to differentiate household groups. Initially making a preliminary distinction between agricultural and non-agricultural occupation groups, the agricultural group is then classified into four classes according to ownership of agricultural capital. Thereby there are five groups: Landless (No cultivable land); marginal farmers (up to 0.49 acre of land); small farmers (0.5 to 2.49 acres of land); large farmers (2.50 acres of land and above); Non- Agricultural. Urban households are classified into two categories according to the educational level of the household head. These are: Low Education (below class X) and High Education (above class X). Table 1 provides the features of the 2006-07 SAM of Bangladesh.

**Table 1: Features of 2006-07 SAM of Bangladesh**

| Set | Description of Elements |
|---|---|
| **Activities** | |
| Agriculture (5) | Cereal Crops, Commercial Crops, Livestock-Poultry-fishing, Forestry, Other Agriculture |
| Industries (7) | Other Food, Leather Products, Textile, Chemical-Fertilizer, Machinery, Petroleum Products, Other Industries |
| Services (2) | Construction, Services. |

| | |
|---|---|
| **Institutions** | |
| Households (7) | - Rural Agriculture: 4 categories according to land ownership: Landless, Marginal Farmer, Small Farmer, and Large Farmer.<br>- Rural Non-Farmer: 1 category according to occupation<br>- Urban: 2 categories according to the level of education of the household's head: Low Education and High Education. |
| Others (2) | Government, Rest of the World |
| **Factors of production** | |
| Labour (4) | Unskilled Male: Class 0-IX<br>Unskilled Female: Class 0-IX<br>Skilled Male: Class X and above<br>Skilled Female: Class X and above |
| Capital (2) | Agricultural capital<br>Non agricultural capital |

## Results of the DCGE Model and the Projections

### Sectoral Growth Rates

The growth rates for 14 sectors of the DCGE model for the period between 2009-10 and 20014-15 are reported in Table 2. It appears that the cereal crop sector will experience a growth rate of around 4.7 percent during the plan period, whereas the commercial crops sector will experience higher growth rate than that of crop agriculture suggesting a shift in the production pattern in the agricultural sector. By 2014-15, the growth rate of the overall agricultural sector will be 4.3 percent. The overall industrial sector will experience a rise in growth rate by almost 100 percent at the end of plan period from its current growth rate. Growth in the textile and clothing sector, machinery sector and other industries will be the major drivers of the industrial growth rate. The construction and services sectors will also experience steady rise in growth rates.

**Table 2: Sectoral Growth Rates**

| | 2009-10 (actual) | 2010-11 (est) | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---|---|---|---|---|---|---|
| **Agriculture** | **5.3** | **4.9** | **4.5** | **4.4** | **4.3** | **4.3** |
| Cereal Crops | 5.8 | 5.4 | 5.0 | 4.8 | 4.7 | 4.7 |
| Commercial Crops | 6.5 | 6.0 | 5.5 | 5.4 | 5.3 | 5.3 |
| Livestock-Poultry-fishing | 4.0 | 3.7 | 3.4 | 3.3 | 3.2 | 3.2 |
| Forestry | 5.2 | 4.8 | 4.4 | 4.3 | 4.2 | 4.2 |
| Other Agriculture | 2.1 | 1.9 | 1.7 | 1.7 | 1.7 | 1.7 |
| **Industry** | **6.6** | **9.2** | **9.6** | **9.9** | **10.5** | **11.5** |
| **of which Manufacturing** | **6.5** | **9.5** | **9.8** | **10.1** | **10.7** | **11.7** |
| Other Food | 6.1 | 7.2 | 8.4 | 8.7 | 10.5 | 12.5 |
| Leather Products | 7.7 | 8.5 | 9.4 | 10.5 | 11.2 | 12.2 |
| Textile and Clothing | 7.6 | 14.4 | 13.5 | 13.8 | 14.2 | 15.1 |
| Chemical-Fertilizer | 5.3 | 6.1 | 6.7 | 6.8 | 7.0 | 7.4 |
| Machinery | 5.9 | 6.2 | 6.6 | 6.7 | 7.2 | 7.9 |
| Petroleum Products | 4.3 | 4.7 | 5.5 | 5.6 | 5.9 | 6.1 |
| Other industries | 8.2 | 8.4 | 8.9 | 9.1 | 9.2 | 9.3 |
| **Construction** | **6.0** | **6.4** | **6.6** | **6.8** | **7.8** | **8.1** |
| **Services** | **6.5** | **6.6** | **6.8** | **7.1** | **7.3** | **7.8** |
| **GDP GROWTH** | **6.2** | **6.7** | **6.9** | **7.2** | **7.6** | **8.0** |

***Source: DCGE Model***

## Sectoral Shares in GDP

Differential growth rates for different sectors, as reported in Table 2, lead to varying sectoral shares in GDP over the plan period. The agricultural sector, as a whole, will experience decline in the share in GDP from 18.6 percent in 2009-10 to 15.5 percent in 2014-15. All the agricultural sub-sectors will experience decline in their respective shares. The major fall will be in the case of cereal crops.

In the case of industrial sector, the overall share will rise from 19.1 percent in 2009-10 to 22.3 percent in 2014-15. All industrial sub-sectors, except chemical-fertiliser, will experience rise in their shares in GDP. The most notable rise will be in the cases of textile and clothing and machinery sectors.

The share of construction sector in GDP will rise by 0.3 percentage points by the end of the plan period from its current share. The share of services sector will fall by 0.4 percentage points by the end of the plan period.

**Table 3: Sectoral Shares in GDP**

| | 2009-10 (actual) | 2010-11 (est) | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---|---|---|---|---|---|---|
| **Agriculture** | **18.6** | **18.4** | **17.7** | **16.9** | **16.2** | **15.5** |
| Cereal Crops | 6.4 | 6.3 | 6.0 | 5.7 | 5.4 | 5.1 |
| Commercial Crops | 4.8 | 4.7 | 4.5 | 4.4 | 4.3 | 4.2 |
| Livestock-Poultry-fishing | 3.3 | 3.3 | 3.2 | 3.0 | 2.9 | 2.8 |
| Forestry | 1.4 | 1.4 | 1.4 | 1.3 | 1.2 | 1.1 |
| Other Agriculture | 2.7 | 2.7 | 2.6 | 2.5 | 2.4 | 2.3 |
| **Industry** | **19.1** | **19.4** | **19.9** | **20.8** | **21.6** | **22.3** |
| **of which Manufacturing** | **17.9** | **18.2** | **18.7** | **19.6** | **20.4** | **21.1** |
| Other Food | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |
| Leather Products | 0.9 | 0.9 | 0.9 | 1.0 | 1.1 | 1.1 |
| Textile and Clothing | 6.6 | 6.8 | 7.0 | 7.4 | 7.8 | 8.2 |
| Chemical-Fertilizer | 2.0 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 |
| Machinery | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 |
| Petroleum Products | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 |
| Other industries | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| **Construction** | **8.3** | **8.2** | **8.4** | **8.5** | **8.6** | **8.6** |
| **Services** | **54.0** | **54.0** | **54.0** | **53.8** | **53.6** | **53.6** |
| | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** |

***Source: DCGE Model***

## Sectoral Employment

As mentioned before, the sectoral output changes from the DCGE model are linked to the employment satellite matrix to derive the sectoral employment effects of the sectoral growth. Table 4 presents the projections of the total number of labour force to be employed by different sectors during the plan period. The number of labour force employed in the agricultural sector will rise from 25628150 in 2009-10 to 31159781 in 2014-15. All agricultural sub-sectors will experience rise in employment. However, the most significant rise in employment will be

observed in the industrial sector where employment will rise from 6792516 2009-10 to 11073693 in 2014-15. Sub-sectors like textile and clothing and other industries will generate major incremental employment in the industrial sector. Finally, the constriction and services sectors will also generate substantial additional employment during the plan period. The growth rate in employment will rise from its current level of 5.04 percent to 7.19 percent by the end of the plan period. The annual average additional employment will be 4124001.

**Table 4: Sectoral Employment (Number of labour force employed)**

| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---|---|---|---|---|---|---|
| **Agriculture** | **25628150** | **26550256** | **27544257** | **28621862** | **29824054** | **31159781** |
| Cereal Crops | 14923825 | 15440189 | 15996036 | 16597487 | 17268026 | 18012278 |
| Commercial Crops | 3709788 | 3848905 | 3999397 | 4162973 | 4345727 | 4549107 |
| Livestock-Poultry-fishing | 6096230 | 6323619 | 6568976 | 6835676 | 7133712 | 7465429 |
| Forestry | 595461 | 624460 | 656120 | 690894 | 730206 | 774530 |
| Other Agriculture | 302846 | 313083 | 323727 | 334831 | 346383 | 358437 |
| **Industry** | **6792516** | **7413955** | **8122573** | **8948828** | **9916576** | **11073693** |
| Other Food | 345576 | 371840 | 401290 | 434517 | 473145 | 517999 |
| Leather Products | 116173 | 123584 | 131790 | 140937 | 151436 | 163476 |
| Textile and clothing | 3022149 | 3350333 | 3729957 | 4171976 | 4703805 | 5344395 |
| Chemical-Fertilizer | 172938 | 185926 | 200484 | 216863 | 235904 | 257985 |
| Machinery | 52050 | 55225 | 58732 | 62632 | 67098 | 72197 |
| Petroleum Products | 12510 | 13308 | 14191 | 15176 | 16307 | 17603 |
| Other Industries | 3071120 | 3313738 | 3586128 | 3906728 | 4268881 | 4700038 |
| **Construction** | **1991126** | **2135284** | **2298206** | **2477466** | **2672691** | **2895860** |
| **Services** | **23212784** | **24761077** | **26469591** | **28370107** | **30582976** | **33115246** |
| **Total Employment** | **57624577** | **60860572** | **64434627** | **68418263** | **72996296** | **78244580** |
| **Employment Growth Rate** | **5.04** | **5.62** | **5.87** | **6.18** | **6.69** | **7.19** |
| **Additional Employment** | **2765274** | **3235995** | **3574055** | **3983637** | **4578033** | **5248284** |

***Source: DCGE Model and Employment Satellite Matrix***

Table 5 indicates that during the plan period the agricultural sector as a whole will encounter fall in the share of employment from its current 44.5 percent to 39.8 percent at the end of plan

period. Three major agricultural sub-sectors, i.e. cereal crops, commercial crops and livestock-poultry-fishing will experience fall in the shares by notable margins.

In the case of industry, the sector as a whole will experience a rise in the share of total employment from 11.8 percent in 2009-10 to 14.2 percent in 2014-15. The notable rises in the shares of employment are observed in sub-sectors like textile and clothing and other industries. The construction sector will go through some marginal rise in the share whereas the services sector will experience rise in the share by 2 percentage points during the plan period.

**Table 5: Sectoral Employment Share**

| | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 |
|---|---|---|---|---|---|---|
| **Agriculture** | **44.5** | **43.6** | **42.7** | **41.8** | **40.9** | **39.8** |
| Cereal Crops | 25.9 | 25.4 | 24.8 | 24.3 | 23.7 | 23.0 |
| Commercial Crops | 6.4 | 6.3 | 6.2 | 6.1 | 6.0 | 5.8 |
| Livestock-Poultry-fishing | 10.6 | 10.4 | 10.2 | 10.0 | 9.8 | 9.5 |
| Forestry | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Other Agriculture | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| **Industry** | **11.8** | **12.2** | **12.6** | **13.1** | **13.6** | **14.2** |
| Other Food | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 |
| Leather Products | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Textile and Clothing | 5.2 | 5.5 | 5.7 | 6.1 | 6.4 | 6.8 |
| Chemical-Fertilizer | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Machinery | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Petroleum Products | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Industries | 5.3 | 5.4 | 5.6 | 5.7 | 5.8 | 6.0 |
| **Construction** | **3.5** | **3.5** | **3.6** | **3.6** | **3.7** | **3.7** |
| **Services** | **40.4** | **40.8** | **41.2** | **41.5** | **41.9** | **42.4** |
| **Total Employment** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** |

***Source: DCGE Model and Employment Satellite Matrix***

## Reference

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# Annex

## Description of the Variables and Parameters of the Dynamic CGE Model

### *Endogenous variables*

$C_{i,h}$ : Household *h*'s consumption of good *i* (volume)

$CF$ : Composite agricultural capital-labor factor (volume)

$CI_j$ : Total intermediate consumption of activity *j* (volume)

$CTH_h$ : Household *h*'s total consumption (value)

$D_i$ : Demand for domestic good *i* (volume)

$DI_{i,j}$ : Intermediate consumption of good *i* in activity *j* (volume)

$DIT_i$ : Intermediate demand for good *i* (volume)

$DTF$ : Receipts from direct taxation on firms' income

$DTH_h$ : Receipts from direct taxation on household *h*'s income

$EX_i$ : Exports in good *i* (volume)

$G$ : Public expenditures

$INV_i$ : Investment demand for good *i* (volume)

$IT$ : Total investment

$LD_j$ : Activity *j* demand for labor (volume)

$M_i$ : Imports in good *i* (volume)

$P_i$ : Producer price of good *i*

$PC_i$ : Consumer price of composite good *i*

$PD_i$ : Domestic price of good *i* including taxes

$PE_i$ : Domestic price of exported good *i*

$Pindex$ : GDP deflator

$Pinv$ : Price index of investment

$PL_i$ : Domestic price of good *i* (excluding taxes)

$PM_i$ : Domestic price of imported good *i*

$PV_j$ : Value added price for activity *j*

$Q_i$ : Demand for composite good *i* (volume)

$r_i$ : Rate of return to capital in activity *i*

$rl$ : Rate of return to agricultural land

$rc$ : Rate of return to composite factor

$SF$ : Firms' savings

$SG$ : Government's savings

$SH_h$ : Household *h*'s savings

$TI_i$ : Receipts from indirect tax on *i*

$TIE_i$ : Receipts from tax on export *i*

$TIM_i$ : Receipts from import duties *i*

$VA_j$ : Value added for activity *j* (volume)

$w$ : Wage rate

$XS_i$ : Output of activity *i* (volume)

$YDH_h$ : Household *h*'s disposable income

$YF$ : Firms' income

$YG$ : Government's income

$YH_h$ : Household *h*'s income

$LS$ : Total labor supply (volume)

$KD_i$ : Demand for capital in activity *i* (volume)

$CAB$ : Current account balance

$Ind_{i,t}$ : Demand for capital in activity *i* (volume)

$U_t$ : Capital user cost

$C_{i,h}^{\min}$ : Minimum consumption of good *i* by household *h*

***Exogenous variables***

$PWE_i$ : World price of export *i*

$PWM_i$ : World price of import *I*

$e$ : Nominal Exchange rate (numéraire)

***Parameters***

*Production functions*

$A_j$ : Scale coefficient (Cobb-Douglas production function)

$aij_{i,j}$ : Input-output coefficient

$a_j$ : Elasticity (Cobb-Douglas production function)

$io_j$ : Technical coefficient (Leontief production function)

$v_j$ : Technical coefficient (Leontief production function)

***CES function between capital and labor***

$A_i^{KL}$ : Scale coefficient

$a_i^{KL}$ : Share parameter

$r_i^{KL}$ : Substitution parameter

$s_i^{KL}$ : Substitution elasticity

***CES function between skilled and unskilled labor***

$A_i^{LL}$ : Scale coefficient

$a_i^{LL}$ : Share parameter

$r_i^{LL}$ : Substitution parameter

$s_i^{LL}$ : Substitution elasticity

***CES function between imports and domestic production***

$A_i^{M}$ : Scale coefficient

$a_i^{M}$ : Share parameter

$r_i^{M}$ : Substitution parameter

$s_i^{M}$ : Substitution elasticity

***CET function between domestic production and exports***

$B_i^{E}$ : Scale coefficient

$b_i^{E}$ : Share parameter

$k_i^{E}$ : Transformation parameter

$t_i^{E}$ : Transformation elasticity

***LES consumption function***

$g_{i,h}$ : Marginal share of good *i*

***Tax rates***

$te_i$ : Tax on exports *i*

$tm_i$ : Import duties on good *i*

$tx_i$ : Tax rate on good *i*

$tyh_h$ : Direct tax rate on household *h*'s income

$tyf$ : Direct tax rate on firms' income

***Other parameters***

$d_j$ : Share of activity *j* in total value added

$l_h^L$ : Share of land income received by household *h*

$l^{LF}$ : Share of land income received by firms

$l^{LROW}$ : Share of land income received by foreigners

$l_h^R$ : Share of capital income received by household *h*

$l^{RF}$ : Share of capital income received by firms

$l^{ROW}$ : Share of capital income received by foreigners

$l_h^W$ : Share of labour income received by household *h*

$y_h$ : Propensity to save

$m_i$ : Share of the value of good *i* in total investment

$ng$ : Population growth rate

$d$ : Capital depreciation rate

$g_{1i}$ : Parameter in the investment demand function

$g_{2i}$ : Parameter in the investment demand function

$ir$ : Real interest rate