

Appendix C

DATA TABLES

Table 9: Global Competitiveness Report 2002 – Basic Descriptor Factor Rankings**South Africa**

29 Microeconomic Competitiveness Index 2002
 32 Growth Competitiveness Index 2002

28 Interest Rate Spread 2001
 28 Patents 1990-1999
 29 Patents 2001
 30 Fiscal Surplus 2001
 32 Government Expenditures %GDP 2001
 41 Internet Service Providers 2000
 44 Internet Usage 2000
 44 PCs per person 2000
 46 Mobile Telephones 2000
 51 Inflation 2001
 56 Growth GDP nc 2001
 70 Growth GDP nc 1991-2001

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57 Microeconomic Competitiveness Index 2002
 41 Growth Competitiveness Index 2002

5 Growth GDP nc 2001
 17 Growth GDP nc 1991-2001
 23 Fiscal Surplus 2001
 43 Interest Rate Spread 2001
 54 PCs per person 2000
 57 Inflation 2001
 58 Internet Service Providers 2000
 65 Government Expenditures %GDP 2001
 66 Internet Usage 2000
 74 Patents 2001
 . Mobile Telephones 2000
 . Patents 1990-1999

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49 Microeconomic Competitiveness Index 2002
 35 Growth Competitiveness Index 2002

9 Growth GDP nc 1991-2001
 9 Growth GDP nc 2001
 24 Government Expenditures %GDP 2001
 34 Internet Usage 2000
 35 PCs per person 2000
 43 Patents 1990-1999
 44 Inflation 2001
 48 Internet Service Providers 2000
 49 Mobile Telephones 2000
 68 Interest Rate Spread 2001
 74 Fiscal Surplus 2001
 74 Patents 2001

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70 Microeconomic Competitiveness Index 2002
 79 Growth Competitiveness Index 2002

47 Government Expenditures %GDP 2001
 62 Patents 1990-1999
 63 Patents 2001
 67 Internet Service Providers 2000
 69 Mobile Telephones 2000
 71 PCs per person 2000
 74 Internet Usage 2000
 78 Growth GDP nc 1991-2001
 78 Interest Rate Spread 2001
 80 Growth GDP nc 2001
 80 Inflation 2001
 . Fiscal Surplus 2001

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51 Microeconomic Competitiveness Index 2002
 53 Growth Competitiveness Index 2002

49 Internet Service Providers 2000
 51 Government Expenditures %GDP 2001
 53 Interest Rate Spread 2001
 56 PCs per person 2000
 62 Internet Usage 2000
 63 Growth GDP nc 2001
 66 Fiscal Surplus 2001
 67 Growth GDP nc 1991-2001
 67 Inflation 2001
 74 Patents 2001
 . Mobile Telephones 2000
 . Patents 1990-1999

Table 10: Global Competitiveness Report 2002 – Innovation Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 6 Licensing is common
- 18 Collaboration btw businesses and universities
- 21 Quality of research institutions
- 27 Company's spending on R+D
- 29 Companies aggressive in absorbing technology
- 30 Country's position in technology
- 32 Innovation plays important role
- 33 FDI is source of new technology
- 39 Are ICT laws well-developed
- 41 Is there sufficient competition among ISPs
- 41 Does government procurement encourage innovation
- 42 Are ICT programs of gov successful
- 43 Is ICT a priority for government
- 44 Importance of fiscal incentives for R+D

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- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002
- 20 Innovation plays important role
- 32 Are ICT programs of gov successful
- 32 Is ICT a priority for government
- 36 FDI is source of new technology
- 43 Licensing is common
- 45 Does government procurement encourage innovation
- 48 Importance of fiscal incentives for R+D
- 53 Country's position in technology
- 54 Company's spending on R+D
- 56 Quality of research institutions
- 57 Are ICT laws well-developed

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 7 Is ICT a priority for government
- 21 Are ICT programs of gov successful
- 25 Innovation plays important role
- 38 Licensing is common
- 41 Are ICT laws well-developed
- 51 Country's position in technology
- 52 Quality of research institutions
- 54 Companies aggressive in absorbing technology
- 57 Importance of fiscal incentives for R+D
- 61 FDI is source of new technology
- 63 Does government procurement encourage innovation
- 67 Company's spending on R+D
- 70 Collaboration btw businesses and universities
- 80 Is there sufficient competition among ISPs

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002
- 53 Company's spending on R+D
- 56 FDI is source of new technology
- 59 Companies aggressive in absorbing technology
- 61 Collaboration btw businesses and universities
- 62 Innovation plays important role
- 63 Quality of research institutions
- 65 Country's position in technology
- 66 Does government procurement encourage innovation
- 68 Licensing is common
- 69 Is there sufficient competition among ISPs
- 76 Are ICT laws well-developed

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 14 Innovation plays important role
- 30 Does government procurement encourage innovation
- 34 Are ICT programs of gov successful
- 35 FDI is source of new technology
- 40 Importance of fiscal incentives for R+D
- 46 Company's spending on R+D
- 47 Country's position in technology
- 47 Are ICT laws well-developed
- 47 Licensing is common
- 48 Is ICT a priority for government
- 49 Is there sufficient competition among ISPs
- 52 Companies aggressive in absorbing technology
- 54 Collaboration btw businesses and universities
- 66 Quality of research institutions

- 59 Collaboration btw businesses and universities
 62 Companies aggressive in absorbing technology
 71 Is there sufficient competition among ISPs
- 76 Importance of fiscal incentives for R+D
 76 Are ICT programs of gov successful
 77 Is ICT a priority for government

Table 11: Global Competitiveness Report 2002 – Government Policy Factor Rankings

South Africa

- 29 Microeconomic Competitiveness Index 2002
 32 Growth Competitiveness Index 2002
- 9 Do government subsidies improve productivity
 15 Impact of legal donations on politics
 19 Tax system simple and transparent
 24 Illegal donations to pol parties
 25 Are regulations clearly communicated
 26 Misuse of legal donations
 26 Effectiveness of legislature
 31 Trust in financial honesty of politicians
 31 Administrative regulations not burdensome
 39 Are officials impartial in contracts
 57 Competence of civil service

Botswana

- 57 Microeconomic Competitiveness Index 2002
 41 Growth Competitiveness Index 2002
- 3 Tax system simple and transparent
 14 Trust in financial honesty of politicians
 14 Effectiveness of legislature
 17 Administrative regulations not burdensome
 18 Are regulations clearly communicated
 19 Do government subsidies improve productivity
 20 Impact of legal donations on politics
 20 Misuse of legal donations
 21 Illegal donations to pol parties
 25 Are officials impartial in contracts
 32 Competence of civil service

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- 49 Microeconomic Competitiveness Index 2002
 35 Growth Competitiveness Index 2002
- 9 Tax system simple and transparent
 24 Effectiveness of legislature
 39 Are regulations clearly communicated
 41 Are officials impartial in contracts
 41 Do government subsidies improve productivity
 44 Trust in financial honesty of politicians
 45 Impact of legal donations on politics
 48 Competence of civil service
 52 Misuse of legal donations
 65 Administrative regulations not burdensome
 70 Illegal donations to pol parties

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- 70 Microeconomic Competitiveness Index 2002
 79 Growth Competitiveness Index 2002
- 38 Impact of legal donations on politics
 42 Tax system simple and transparent
 56 Illegal donations to pol parties
 70 Administrative regulations not burdensome
 72 Are regulations clearly communicated
 73 Trust in financial honesty of politicians
 73 Misuse of legal donations
 74 Effectiveness of legislature
 74 Competence of civil service
 75 Are officials impartial in contracts
 78 Do government subsidies improve productivity

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- 51 Microeconomic Competitiveness Index 2002
 53 Growth Competitiveness Index 2002
- 10 Tax system simple and transparent
 12 Administrative regulations not burdensome
 19 Impact of legal donations on politics
 23 Are regulations clearly communicated
 25 Illegal donations to pol parties
 27 Do government subsidies improve productivity
 27 Effectiveness of legislature
 28 Trust in financial honesty of politicians
 33 Misuse of legal donations
 37 Are officials impartial in contracts
 56 Competence of civil service

Table 12: Global Competitiveness Report 2002 – Legal & Regulatory Framework Factor Rankings**South Africa**

29 Microeconomic Competitiveness Index 2002
 32 Growth Competitiveness Index 2002

17 Is there neutral dispute resolution framework
 19 Intellectual property protection
 20 Independence of judiciary
 21 Are financial assets well protected
 24 Bribes for influencing judiciary
 25 Costs imposed by other firm's corruption
 30 Bribes connected with taxes
 31 Bribes connected with loan applc
 33 Absence of press censorship
 34 Bribes for influencing legislature
 36 Corrupt diversion of public funds
 36 Bribes connected with pub contracts
 37 Importance of bribes related to import permits
 46 Percentage of unofficial businesses
 47 Bribes related to utilities
 53 Decrease in bribes over past 3 years
 56 Costs imposed by organized crime
 59 Police protection
 65 Confidence that bribed services delivered
 67 Costs imposed by common crime

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49 Microeconomic Competitiveness Index 2002
 35 Growth Competitiveness Index 2002

18 Costs imposed by organized crime
 27 Is there neutral dispute resolution framework
 27 Absence of press censorship
 29 Bribes for influencing judiciary
 29 Independence of judiciary
 29 Confidence that bribed services delivered
 29 Are financial assets well protected
 31 Bribes connected with taxes
 34 Costs imposed by common crime
 35 Bribes connected with loan applc
 36 Costs imposed by other firm's corruption
 39 Decrease in bribes over past 3 years
 40 Percentage of unofficial businesses
 40 Bribes for influencing legislature
 45 Corrupt diversion of public funds
 49 Intellectual property protection
 51 Police protection
 52 Importance of bribes related to import permits
 53 Bribes related to utilities
 56 Bribes connected with pub contracts

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51 Microeconomic Competitiveness Index 2002
 53 Growth Competitiveness Index 2002

20 Is there neutral dispute resolution framework
 23 Independence of judiciary
 31 Are financial assets well protected
 32 Bribes for influencing judiciary
 33 Costs imposed by other firm's corruption
 34 Intellectual property protection
 37 Corrupt diversion of public funds
 44 Costs imposed by organized crime
 44 Bribes for influencing legislature
 46 Decrease in bribes over past 3 years
 47 Importance of bribes related to import permits
 48 Bribes connected with taxes
 52 Absence of press censorship
 53 Percentage of unofficial businesses
 53 Bribes connected with loan applc
 56 Bribes related to utilities
 58 Costs imposed by common crime
 58 Bribes connected with pub contracts
 58 Police protection
 69 Confidence that bribed services delivered

LEGAL & REGULATORY FACTOR RANKINGS, continued**Botswana**

57 Microeconomic Competitiveness Index 2002
 41 Growth Competitiveness Index 2002

18 Independence of judiciary
 20 Corrupt diversion of public funds
 21 Is there neutral dispute resolution framework
 24 Are financial assets well protected
 25 Decrease in bribes over past 3 years
 26 Bribes for influencing legislature
 27 Bribes for influencing judiciary
 28 Bribes connected with pub contracts
 29 Percentage of unofficial businesses
 32 Confidence that bribed services delivered
 33 Bribes connected with taxes
 35 Costs imposed by organized crime
 35 Costs imposed by other firm's corruption
 36 Bribes related to utilities
 39 Intellectual property protection
 39 Bribes connected with loan applic
 40 Importance of bribes related to import permits
 41 Police protection
 45 Costs imposed by common crime
 59 Absence of press censorship

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70 Microeconomic Competitiveness Index 2002
 79 Growth Competitiveness Index 2002

45 Confidence that bribed services delivered
 54 Bribes for influencing judiciary
 55 Bribes connected with loan applic
 55 Bribes connected with taxes
 57 Costs imposed by organized crime
 59 Intellectual property protection
 60 Importance of bribes related to import permits
 64 Costs imposed by common crime
 66 Bribes for influencing legislature
 69 Is there neutral dispute resolution framework
 70 Corrupt diversion of public funds
 70 Bribes related to utilities
 71 Costs imposed by other firm's corruption
 73 Percentage of unofficial businesses
 75 Independence of judiciary
 76 Bribes connected with pub contracts
 77 Are financial assets well protected
 77 Police protection
 78 Decrease in bribes over past 3 years
 80 Absence of press censorship

Table 13: Global Competitiveness Report 2002 – Infrastructure Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 21 Air transport
- 24 General infrastructure
- 25 Railroads
- 26 Quality of electricity
- 31 Ports
- 41 Internet access in schools
- 42 Use of mobile telephones
- 58 Would you trust postal system with \$100
- 58 New telephone lines available

Botswana

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002
- 29 Railroads
- 32 Would you trust postal system with \$100
- 33 General infrastructure
- 50 Quality of electricity
- 52 Air transport
- 56 Internet access in schools
- 60 Use of mobile telephones
- 63 Ports
- 65 New telephone lines available

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 28 Ports
- 31 Air transport
- 34 General infrastructure
- 43 Would you trust postal system with \$100
- 45 Use of mobile telephones
- 46 Quality of electricity
- 48 Internet access in schools
- 54 New telephone lines available
- 60 Railroads

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002
- 42 General infrastructure
- 43 Railroads
- 64 Quality of electricity
- 70 Would you trust postal system with \$100
- 71 Air transport
- 73 Internet access in schools
- 74 New telephone lines available
- 76 Use of mobile telephones
- 78 Ports

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 22 General infrastructure
- 25 Ports
- 26 Railroads
- 31 Quality of electricity
- 46 Internet access in schools
- 48 Air transport
- 49 Would you trust postal system with \$100
- 55 Use of mobile telephones
- 56 New telephone lines available

Table 14: Global Competitiveness Report 2002 – Health, Education, Labor Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 50 Quality of public schools
- 60 Talented people remain in country
- 65 Scientists and engineers available
- 65 Gap in health care for poor vs rich
- 66 Pav is strongly related to productivity
- 69 Wage setting decentralized
- 70 Labor-employer relations cooperative
- 71 Math and science in schools
- 74 Hiring/firing flexibility

Botswana

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002
- 26 Labor-employer relations cooperative
- 34 Talented people remain in country
- 36 Wage setting decentralized
- 37 Gap in health care for poor vs rich
- 41 Pav is strongly related to productivity
- 43 Quality of public schools
- 49 Hiring/firing flexibility
- 55 Math and science in schools
- 72 Scientists and engineers available

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 42 Gap in health care for poor vs rich
- 45 Talented people remain in country
- 46 Quality of public schools
- 50 Labor-employer relations cooperative
- 53 Math and science in schools
- 59 Scientists and engineers available
- 71 Pav is strongly related to productivity
- 72 Hiring/firing flexibility
- 75 Wage setting decentralized

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002
- 54 Math and science in schools
- 60 Quality of public schools
- 67 Labor-employer relations cooperative
- 69 Scientists and engineers available
- 76 Gap in health care for poor vs rich
- 79 Talented people remain in country
- 79 Pav is strongly related to productivity
- 80 Hiring/firing flexibility
- 80 Wage setting decentralized

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 37 Wage setting decentralized
- 44 Talented people remain in country
- 47 Pav is strongly related to productivity
- 48 Quality of public schools
- 49 Gap in health care for poor vs rich
- 52 Hiring/firing flexibility
- 53 Labor-employer relations cooperative
- 65 Math and science in schools
- 79 Scientists and engineers available

Table 15: Global Competitiveness Report 2002 – Finance Factor Rankings**South Africa**

29 Microeconomic Competitiveness Index 2002
32 Growth Competitiveness Index 2002

13 Sophistication of financial markets
16 Is equity finance possible
17 Financial auditing
20 Regulatory obstacles: local vs national
26 Venture capital
27 Money laundering through banks
29 Hidden import barriers
31 Bank solvency
34 Bank loan with little collateral
35 Level of all fees related to importing
35 Money laundering through non-banks
40 Insider trading
44 Credit conditions over last year

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49 Microeconomic Competitiveness Index 2002
35 Growth Competitiveness Index 2002

33 Hidden import barriers
35 Bank solvency
36 Bank loan with little collateral
37 Is equity finance possible
37 Financial auditing
38 Money laundering through non-banks
40 Regulatory obstacles: local vs national
43 Money laundering through banks
48 Venture capital
57 Credit conditions over last year
59 Insider trading
60 Sophistication of financial markets
60 Level of all fees related to importing

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51 Microeconomic Competitiveness Index 2002
53 Growth Competitiveness Index 2002

13 Insider trading
18 Money laundering through banks
25 Money laundering through non-banks
26 Bank solvency
28 Financial auditing
33 Regulatory obstacles: local vs national
35 Credit conditions over last year
36 Hidden import barriers
41 Is equity finance possible
42 Sophistication of financial markets
45 Bank loan with little collateral
51 Venture capital
52 Level of all fees related to importing

FINANCE FACTOR RANKINGS, continued**Botswana**

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002

- 15 Money laundering through banks
- 16 Bank solvency
- 18 Money laundering through non-banks
- 26 Hidden import barriers
- 27 Insider trading
- 30 Financial auditing
- 32 Credit conditions over last year
- 35 Bank loan with little collateral
- 35 Is equity finance possible
- 38 Level of all fees related to importing
- 41 Venture capital
- 55 Regulatory obstacles: local vs national
- 57 Sophistication of financial markets

Zimbabwe

- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002

- 3 Regulatory obstacles: local vs national
- 6 Is equity finance possible
- 22 Financial auditing
- 37 Sophistication of financial markets
- 39 Credit conditions over last year
- 50 Bank solvency
- 52 Venture capital
- 53 Bank loan with little collateral
- 53 Money laundering through banks
- 60 Hidden import barriers
- 66 Money laundering through non-banks
- 75 Insider trading
- 80 Level of all fees related to importing

Table 16: Global Competitiveness Report 2002 – Competition & Clustering Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 13 Are parts sourced locally
- 22 Is anti monopoly policy effective
- 23 Source of competition: imports vs domestic
- 25 Intensity of competition
- 27 Level of collaboration btw clusters and suppliers
- 28 Quantity of local suppliers
- 29 Is starting new business easy
- 30 Quality of local suppliers
- 33 Is process machinery obtained local
- 34 Stringent product standard regulations
- 35 How common are clusters
- 38 Buyer sophistication
- 44 Is specialized research and training available
- 47 Is corporate activity dispersed
- 48 Active buyers

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 32 Is starting new business easy
- 45 Stringent product standard regulations
- 46 Buyer sophistication
- 47 Quality of local suppliers
- 49 How common are clusters
- 51 Active buyers
- 52 Quantity of local suppliers
- 58 Intensity of competition
- 62 Is anti monopoly policy effective
- 65 Is specialized research and training available
- 69 Level of collaboration btw clusters and suppliers
- 74 Is corporate activity dispersed
- 75 Are parts sourced locally
- 75 Source of competition: imports vs domestic
- 79 Is process machinery obtained local

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 20 Is starting new business easy
- 49 Is anti monopoly policy effective
- 50 Buyer sophistication
- 50 Stringent product standard regulations
- 50 Source of competition: imports vs domestic
- 56 Is corporate activity dispersed
- 58 Quality of local suppliers
- 62 How common are clusters
- 62 Active buyers
- 63 Intensity of competition
- 70 Is process machinery obtained local
- 73 Level of collaboration btw clusters and suppliers
- 74 Quantity of local suppliers
- 76 Is specialized research and training available
- 76 Are parts sourced locally

Competition & Clustering Factor Rankings, continued**Botswana**

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002

- 31 Is starting new business easy
- 40 Buyer sophistication
- 47 How common are clusters
- 58 Is anti monopoly policy effective
- 58 Is corporate activity dispersed
- 60 Source of competition: imports vs domestic
- 62 Stringent product standard regulations
- 62 Intensity of competition
- 63 Active buyers
- 68 Level of collaboration btw clusters and suppliers
- 72 Quality of local suppliers
- 77 Is specialized research and training available
- 78 Is process machinery obtained local
- 78 Quantity of local suppliers
- 79 Are parts sourced locally

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002

- 27 Source of competition: imports vs domestic
- 51 Is corporate activity dispersed
- 54 Is starting new business easy
- 56 Stringent product standard regulations
- 57 Is anti monopoly policy effective
- 58 Level of collaboration btw clusters and suppliers
- 65 Buyer sophistication
- 66 Quantity of local suppliers
- 67 Active buyers
- 68 Quality of local suppliers
- 70 Intensity of competition
- 72 How common are clusters
- 74 Are parts sourced locally
- 74 Is specialized research and training available
- 77 Is process machinery obtained local

Table 17: Global Competitiveness Report 2002 – Management & Corporate Governance Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 12 Do corporate boards represent shareholders
- 13 Are management positions held by professionals
- 15 Are management stock options common
- 18 Extent of marketing
- 20 Quality of business schools
- 23 Willingness to delegate
- 28 Are exports to neighbors growing
- 28 Do companies invest in employee training
- 29 Corporate ethics
- 31 Scope of Exporting: Regional vs Global
- 36 International distr mkt local
- 38 Are production processes world class
- 43 Is technology obtained by importing vs pioneering
- 51 Do exporting companies do own marketing
- 61 Customer Orientation
- 65 Exporting companies: focus on resource extraction vs
- 68 Is country's competitiveness due to unique products

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 24 Exporting companies: focus on resource extraction vs
- 29 Do exporting companies do own marketing
- 35 International distr mkt local
- 35 Do companies invest in employee training
- 38 Willingness to delegate
- 42 Customer Orientation
- 44 Are production processes world class
- 46 Extent of marketing
- 48 Scope of Exporting: Regional vs Global
- 52 Are management stock options common
- 54 Is country's competitiveness due to unique products
- 55 Is technology obtained by importing vs pioneering
- 57 Corporate ethics
- 63 Are management positions held by professionals
- 63 Quality of business schools
- 63 Are exports to neighbors growing
- 65 Do corporate boards represent shareholders

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 30 Do corporate boards represent shareholders
- 31 Is country's competitiveness due to unique products
- 35 Are management positions held by professionals
- 40 Do companies invest in employee training
- 42 Corporate ethics
- 44 Are management stock options common
- 46 Willingness to delegate
- 55 Do exporting companies do own marketing
- 58 Are production processes world class
- 58 Is technology obtained by importing vs pioneering
- 60 Scope of Exporting: Regional vs Global
- 65 Extent of marketing
- 67 Are exports to neighbors growing
- 68 Exporting companies: focus on resource extraction vs
- 68 Customer Orientation
- 71 International distr mkt local
- 77 Quality of business schools

MANAGEMENT & CORPORATE GOVERNANCE FACTOR RANKINGS. continued**Botswana**

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002

- 24 Is country's competitiveness due to unique products
- 31 Do corporate boards represent shareholders
- 33 Corporate ethics
- 33 Are management positions held by professionals
- 43 Do companies invest in employee training
- 56 Willingness to delegate
- 59 Are management stock options common
- 65 Is technology obtained by importing vs pioneering
- 67 Do exporting companies do own marketing
- 68 Quality of business schools
- 68 Are production processes world class
- 69 Scope of Exporting: Regional vs Global
- 71 Exporting companies: focus on resource extraction vs
- 72 Customer Orientation
- 72 Extent of marketing
- 74 Are exports to neighbors growing
- 76 International distr mkt local

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002

- 20 Do corporate boards represent shareholders
- 24 Are management positions held by professionals
- 30 Are management stock options common
- 42 Do companies invest in employee training
- 45 Willingness to delegate
- 53 Corporate ethics
- 65 Quality of business schools
- 65 Are exports to neighbors growing
- 66 Extent of marketing
- 67 Scope of Exporting: Regional vs Global
- 73 Customer Orientation
- 74 Is technology obtained by importing vs pioneering
- 76 Exporting companies: focus on resource extraction vs range of products
- 77 Do exporting companies do own marketing
- 79 Are production processes world class
- 80 Is country's competitiveness due to unique products
- 80 International distr mkt local

Table 18: Global Competitiveness Report 2002 – Environment Factor Rankings**South Africa**

- 29 Microeconomic Competitiveness Index 2002
- 32 Growth Competitiveness Index 2002
- 13 Env Regulations offer no option
- 20 Use of ISO 14000
- 28 Env gains achieved through conflict vs cooperation
- 29 Subsidies for Energy
- 30 Env Regulations confusing/transparent
- 31 Toxic Waste Disposal
- 32 Water pollution
- 33 Chemicals used in manufacturing
- 37 Speed of enacting environmental legislation
- 37 Stringency of environmental legislation
- 37 Env Regulations enforced consistently
- 38 Complying with env req hurts competitiveness
- 41 Compliance with env reqs high priority
- 44 Air pollution

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- 49 Microeconomic Competitiveness Index 2002
- 35 Growth Competitiveness Index 2002
- 32 Subsidies for Energy
- 37 Compliance with env reqs high priority
- 42 Toxic Waste Disposal
- 43 Speed of enacting environmental legislation
- 43 Env Regulations confusing/transparent
- 44 Chemicals used in manufacturing
- 45 Stringency of environmental legislation
- 47 Env gains achieved through conflict vs cooperation
- 47 Water pollution
- 48 Env Regulations enforced consistently
- 49 Env Regulations offer no option
- 53 Air pollution
- 63 Complying with env req hurts competitiveness
- 68 Use of ISO 14000

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- 51 Microeconomic Competitiveness Index 2002
- 53 Growth Competitiveness Index 2002
- 15 Env gains achieved through conflict vs cooperation
- 17 Complying with env req hurts competitiveness
- 21 Env Regulations confusing/transparent
- 21 Env Regulations offer no option
- 30 Env Regulations enforced consistently
- 33 Toxic Waste Disposal
- 34 Compliance with env reqs high priority
- 37 Chemicals used in manufacturing
- 37 Use of ISO 14000
- 38 Subsidies for Energy
- 39 Speed of enacting environmental legislation
- 39 Water pollution
- 41 Air pollution
- 42 Stringency of environmental legislation

ENVIRONMENT FACTOR RANKINGS. continued**Botswana**

- 57 Microeconomic Competitiveness Index 2002
- 41 Growth Competitiveness Index 2002

- 17 Env gains achieved through conflict vs cooperation
- 30 Env Regulations offer no option
- 31 Env Regulations confusing/transparent
- 40 Complying with env req hurts competitiveness
- 41 Subsidies for Energy
- 43 Env Regulations enforced consistently
- 44 Water pollution
- 47 Speed of enacting environmental legislation
- 48 Stringency of environmental legislation
- 48 Toxic Waste Disposal
- 50 Use of ISO 14000
- 51 Air pollution
- 53 Chemicals used in manufacturing
- 54 Compliance with env reqs high priority

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- 70 Microeconomic Competitiveness Index 2002
- 79 Growth Competitiveness Index 2002

- 43 Env gains achieved through conflict vs cooperation
- 44 Subsidies for Energy
- 53 Use of ISO 14000
- 55 Chemicals used in manufacturing
- 58 Stringency of environmental legislation
- 58 Complying with env req hurts competitiveness
- 59 Env Regulations confusing/transparent
- 60 Toxic Waste Disposal
- 60 Speed of enacting environmental legislation
- 61 Water pollution
- 67 Env Regulations enforced consistently
- 70 Air pollution
- 70 Env Regulations offer no option
- 75 Compliance with env reqs high priority