

# ASSESSING THE ECONOMIC CONTRIBUTION OF LABOUR MIGRATION IN SOUTH AFRICA BY A DYNAMIC MULTISECTORAL MACROECONOMIC MODEL

By David Mullins, Phindile Nkosi and David Mosaka

28 August 2017



Conningarth Economists  
PO Box 75818, Lynnwood Ridge 0040, Pretoria,  
South Africa  
Tel: +27 (0)12 349 1915  
Fax: +27 (0)12 349 1015  
E-mail: [congarth@global.co.za](mailto:congarth@global.co.za)

# Economic Contribution of Labour Migration in South Africa- A Dynamic Multisectoral Macroeconomic Model

---

## **CONTENT OF THE PRESENTATION**

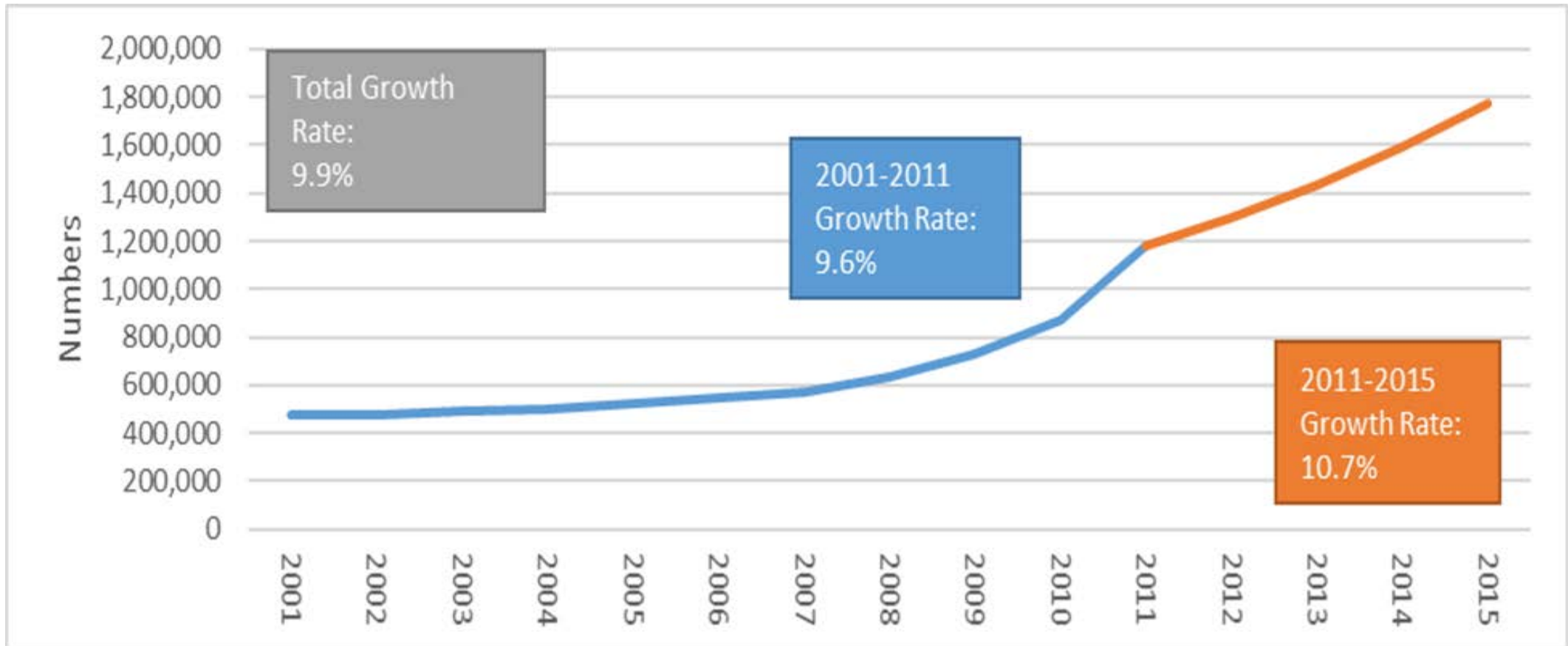
- Background & Objective To The Study
- Migrant Data
- Methodology
- Migrant Labour in South
- Production Function Approach
- Growth Accounting
- Comparison of Approaches

# Background & Objective To The Study

---

- Client : ILO & OECD
- Pilot Study Involving 10 Countries
- RSA selected as One of The Case Studies
- INFORUM / SAFRIM
- Economic Impact of Migrant Workers on RSA Economy

# Migrant Data - Migration Over Time (2001-2015)



# Migrant Data - Migrant Workers per Skill Level (numbers), 2001-2015

Sectors	Skill Level	2001	2003	...	2011	...	2015
<b>Agriculture; hunting; forestry and fishing</b>	Skilled	2,817	3,905	...	6,286	...	8,766
	Semi-Skilled	18,604	17,988	...	27,391	...	38,857
	Unskilled	34,999	22,244	...	39,729	...	41,795
	<b>Total</b>	<b>56,420</b>	<b>44,137</b>	...	<b>73,406</b>	...	<b>89,419</b>
<b>Mining and quarrying</b>	Skilled	6,701	7,552	...	4,475	...	4,066
	Semi-Skilled	64,530	64,327	...	33,659	...	28,580
	Unskilled	11,271	10,399	...	4,333	...	2,956
	<b>Total</b>	<b>82,502</b>	<b>82,278</b>	...	<b>42,467</b>	...	<b>35,602</b>
.....							
.....							
<b>Total</b>	Skilled	149,321	165,339	...	285,399	...	385,591
	Semi-Skilled	226,961	234,449	...	580,086	...	966,422
	Unskilled	96,520	89,245	...	315,324	...	423,346
	<b>Total</b>	<b>472,802</b>	<b>489,033</b>	...	<b>1,180,809</b>	...	<b>1,775,359</b>

# Migrant Data - Average earnings of migrant workers per Sector & Skill Level, 2011, Rand per worker, 2010

---

<b>Sector</b>	<b>Skilled</b>	<b>Semi-Skilled</b>	<b>Unskilled</b>
<b>Agriculture; hunting; forestry and fishing</b>	123,796	45,611	28,612
<b>Mining and quarrying</b>	289,059	79,791	69,712
<b>Manufacturing</b>	223,496	90,669	59,267
<b>Electricity; gas and water supply</b>	278,393	123,873	N/A
<b>Construction</b>	217,335	51,731	52,665
<b>Wholesale and retail trade</b>	220,530	91,877	62,643
<b>Transport; storage and communication</b>	126,349	69,460	51,579
<b>Financial and business services</b>	286,982	113,003	54,678
<b>Community; social and personal services</b>	190,173	100,287	48,034
<b>Average</b>	<b>217,346</b>	<b>85,145</b>	<b>47,466</b>

# Migrant Data - Average earnings of migrant workers per Sector & Skill Level, 2011, Rand per worker, 2010

Sector	Skilled	Semi-Skilled	Unskilled
<b>Agriculture; hunting; forestry and fishing</b>	-2,991	-18,292	-12,465
<b>Mining and quarrying</b>	68,307	-40,501	9,092
<b>Manufacturing</b>	62,866	13,558	-1,955
<b>Electricity; gas and water supply</b>	61,389	9,266	N/A
<b>Construction</b>	45,700	-9,625	-1,210
<b>Wholesale and retail trade</b>	37,451	6,503	-2,921
<b>Transport; storage and communication</b>	767	-2,381	-2,772
<b>Financial and business services</b>	64,737	8,459	1,208
<b>Community; social and personal services</b>	43,743	-124	26,839
<b>Average</b>	<b>42,441</b>	<b>-3,682</b>	<b>-8,293</b>

# Direct Impact – Production Function Approach : Gross

## Primary Sector – Production Function Equation

<b>Summary Output</b>				
<i>Regression Statistics</i>				
Multiple R		1.000		
R Square		1.000		
Adjusted R Square		0.917		
Standard Error		0.053		
Observations		15.000		
<b>ANOVA</b>				
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>
Regression	3.000	2 611.973	870.658	309 182.862
Residual	12.000	0.034	0.003	
Total	15.000	2 612.006		
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>
Intercept	-	#N/A	#N/A	#N/A
Capital Rm, 2010 Constant Prices	0.773	0.073	10.666	0.000
Skilled Numbers	0.023	0.082	0.283	0.782
Semi- and Unskilled workers (SU)	0.176	0.044	3.996	0.002



## Direct Impact of Skilled Migrant Workers on Production – Labour and Capital Combined (R Million, Constant 2010 Prices)

Sectors	2 001	2 002	2 003	2 004	...	2009	2010	2011
<b>Agriculture; hunting; forestry and fishing</b>	10 554	8 026	8 429	10 061	...	25 232	16 762	14 802
<b>Mining and quarrying</b>	25 105	17 069	16 302	18 021	...	26 573	14 469	10 537
<b>Manufacturing</b>	22 521	21 611	23 038	23 628	...	20 017	17 041	17 551
<b>Electricity; gas and water supply</b>	1 201	1 122	1 167	1 169	...	1 255	1 284	1 630
<b>Construction</b>	5 847	5 826	6 456	6 890	...	9 202	9 261	11 297
<b>Wholesale and retail trade</b>	5 098	5 283	5 368	5 543	...	8 409	10 530	11 551
<b>Transport; storage and communication</b>	1 548	1 606	1 638	1 700	...	2 363	2 777	2 852
<b>Financial and business services</b>	6 388	6 687	6 869	7 179	...	10 089	11 835	12 124
<b>Community; social and personal services</b>	7 788	8 096	8 283	8 642	...	12 963	16 015	17 599
<b>Total Sectors</b>	<b>86 051</b>	<b>75 328</b>	<b>77 551</b>	<b>82 833</b>	...	<b>116 103</b>	<b>99 974</b>	<b>99 943</b>

# Direct Impact of Semi- and Unskilled Migrant Workers on Production – Only Labour Component (R Million, Constant 2010 Prices)

Sectors	2 001	2 002	2 003	2 004	...	2009	2 010	2 011
<b>Agriculture; hunting; forestry and fishing</b>	2 852	2 460	2 360	1 984	...	3 821	5 213	7 249
<b>Mining and quarrying</b>	4 033	3 997	4 383	4 192	...	5 223	4 617	4 103
<b>Manufacturing</b>	15 596	16 897	18 079	19 526	...	29 999	35 265	39 539
<b>Electricity; gas and water supply</b>	574	619	667	732	...	1 507	2 005	2 623
<b>Construction</b>	13 770	14 800	15 697	16 791	...	31 975	42 497	53 882
<b>Wholesale and retail trade</b>	23 200	23 375	23 593	23 967	...	44 409	58 834	79 747
<b>Transport; storage and communication</b>	3 612	3 665	3 729	3 822	...	8 926	13 063	19 540
<b>Financial and business services</b>	8 786	8 971	9 219	9 582	...	23 297	33 452	48 955
<b>Community; social and personal services</b>	17 898	18 829	19 902	21 248	...	36 454	43 561	104 593
<b>Total Sectors</b>	<b>90 323</b>	<b>93 614</b>	<b>97 630</b>	<b>101 845</b>	...	<b>185 611</b>	<b>238 508</b>	<b>360 232</b>

# Shocking the Model

---

**The INFORUM Model was shocked with the production Function Method , using the following Function :**

$$\text{outc} = (!(\text{I-AMC}) * (\text{fdc} - \text{migrant\_lab}))$$

where  $!(\text{I-AMC})$  = the Leontief Inverse

fdc = final demand, and

migrant lab = impact of migrant workers on production

It is important to note that it was necessary to convert the impact of the Growth Accounting Approach - which is in GVA units - to production units by making use of Output/GVA ratios for each sector.

# Total Macroeconomic Impact of Skilled Migrant Workers on the South African Economy - Production Function Approach – Including Capital ,(R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average Impact for the Data Points 2001, 2007, 2011
<b>GDP</b>				
<b>Actual situation - incl. skilled migrant workers</b>	2 008 181	2 624 840	2 838 258	2 490 426
<b>Actual situation - excl. skilled migrant workers</b>	1 954 128	2 536 508	2 775 034	2 421 890
<b><i>Impact of skilled migrant workers</i></b>				
<b>- Value impact</b>	54 053	88 332	63 224	68 536
<b>- Percentage impact</b>	2.77%	3.48%	2.28%	2.84%
<b>Total Population including and excluding skilled migrant workers and their family members</b>				
<b>Actual situation - incl. skilled migrant workers and family</b>	45 602 570	49 342 461	52 071 672	49 005 568
<b>Actual situation - excl. skilled migrant workers and family</b>	45 372 846	49 016 630	51 632 596	48 674 024
<b>Number of skilled migrant workers and family</b>	229 725	325 831	439 075	331 544

# Total Macroeconomic Impact of Skilled Migrant Workers on the South African Economy - Production Function Approach, (R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average Impact for the Data Points 2001, 2007, 2011
<b>Per Capita GDP Income</b>				
Actual situation - incl. skilled migrant workers	44 037	53 196	54 507	50 580
Actual situation - excl. skilled migrant workers	43 068	51 748	53 746	49 521
Value impact of skilled migrant workers on the income of South Africans	968	1 448	761	1 059
Percentage impact	2.25%	2.80%	1.42%	2.15%
<b>Employment numbers</b>				
Actual situation - incl. skilled migrant workers	11 526 276	12 579 577	12 728 743	12 278 199
Actual situation - excl. skilled migrant workers	10 815 845	11 764 047	12 221 535	11 600 476
Impact - Number	710 430	815 530	507 208	677 723
Percentage impact	6.16%	6.48%	3.98%	5.54%

# Total Macroeconomic Impact of Skilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average Impact for the Data Points 2001, 2007, 2011
<b>Government income</b>				
Actual - incl. skilled migrant workers	271 949	604 769	810 339	562 352
Excl. skilled migrant workers	269 846	591 380	795 022	552 083
Value impact	2 103	13 389	15 317	10 270
Percentage impact	0.77%	2.21%	1.89%	1.63%
<b>Net impact of skilled migrant workers on the Fiscal Balance</b>				
Number of skilled migrant workers	149 321	211 790	285 399	215 503
Government income accrued from skilled migrant workers (Rand value per worker)	14 084	63 219	53 669	43 657
Government expenditure on skilled migrant workers, including their family members (Rand value per worker)	870	1 567	2 530	1 656
Net government income accrued from skilled migrant workers (Rand value per worker)	13 214	61 652	51 139	42 001

# Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average impact for the data points 2001, 2007, 2011
<b>GDP</b>				
<b>Actual situation - incl. semi- and unskilled migrant workers</b>	2 008 181	2 624 840	2 838 258	2 490 426
<b>Actual situation - excl. semi- and unskilled migrant workers</b>	1 953 848	2 571 200	2 551 125	2 358 724
<b><i>Impact of semi- and unskilled migrant workers</i></b>				
<b>- Value impact</b>	54 333	53 640	287 133	131 702
<b>- Percentage impact</b>	2.71%	2.04%	10.12%	5.29%
<b>Total Population including and excluding semi- and unskilled migrant workers and their family members</b>				
<b>Actual situation - incl. semi- and unskilled migrant workers and family</b>	45 602 570	49 342 461	52 071 672	49 005 568
<b>Actual situation - excl. semi- and unskilled migrant workers and family</b>	44 836 935	48 491 552	49 952 358	47 760 282
<b>Number of semi- and unskilled migrant workers and family</b>	765 636	850 909	2 119 314	1 245 286

# Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average impact for the data points 2001, 2007, 2011
<b>Per Capita GDP Income</b>				
Actual situation - incl. semi- and unskilled migrant workers	44 037	53 196	54 507	50 819
Actual situation - excl. semi- and unskilled migrant workers	43 577	53 024	51 071	49 387
Value impact of semi- and unskilled migrant workers on the income of South Africans	460	173	3 436	1 433
Percentage impact	1.04%	0.32%	6.30%	2.82%
<b>Employment numbers</b>				
Actual situation - incl. semi- and unskilled migrant workers	11 526 276	12 579 577	12 728 743	12 278 199
Actual situation - excl. semi- and unskilled migrant workers	10 883 204	12 116 506	10 820 426	11 273 379
Impact - Number	643 071	463 071	1 908 317	1 004 820
Percentage impact	5.58%	3.68%	14.99%	8.18%



# Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Time	2 001	2 007	2011	Average impact for the data points 2001, 2007, 2011
<b>Government income</b>				
<b>Actual - incl. semi- and unskilled migrant workers</b>	271 949	604 769	810 339	562 352
<b>Excl. semi- and unskilled migrant workers</b>	268 768	591 994	758 698	539 820
<b>Value impact</b>	3 181	12 775	51 641	22 533
<b>Percentage impact</b>	1.17%	2.11%	6.37%	4.01%
<b>Net impact of semi- and unskilled migrant workers on the Fiscal Balance</b>				
<b>Number of semi- and unskilled migrant workers</b>	497 663	553 091	1 377 554	809 436
<b>Government income accrued from semi- and unskilled migrant workers (Rand value per worker)</b>	6 393	23 097	37 488	27 837
<b>Government expenditure on semi- and unskilled migrant workers, including their family members (Rand value per worker)</b>	2 645	3 374	3 956	3 325
<b>Net government income accrued from semi- and unskilled migrant workers (Rand value per worker)</b>	3 748	19 723	33 532	24 512

# Regression Underpinning Nett Economic Impact – Production Function

## Primary Sector

SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.94							
R Square	0.89							
Adjusted R Square	0.82							
Standard Error	11 935							
Observations	15.00							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	5.00	9 988 327 629	1 997 665 526	14.03	0.00			
Residual	9.00	1 281 895 157	142 432 795					
Total	14.00	11 270 222 786						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	184 407	83 682	2	0	-4 896	373 710	-4 896	373 710
Capital Rm, 2010 Constant Prices	0.281	0.068	4.133	0.003	0.127	0.435	0.127	0.435
Skilled Numbers - Locals	0.464	0.298	1.556	0.154	-0.211	1.139	-0.211	1.139
Skilled Numbers - Migrants	6.372	1.709	3.728	0.005	2.506	10.239	2.506	10.239
Semi- and Unskilled workers (SU) Numbers - Locals	0.003	0.025	0.107	0.917	-0.054	0.059	-0.054	0.059
Semi- and Unskilled workers (SU) Numbers - Migrants	0.232	0.681	0.341	0.741	-1.309	1.773	-1.309	1.773

# Nett Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Date	2 001	2 007	2 011	Average impact for the data points 2001, 2007, 2011
<b>GDP</b>				
Actual situation - incl. semi- and unskilled migrant workers	2 008 181	2 624 840	2 838 258	2 490 426
Actual situation - excl. semi- and unskilled migrant workers	1 962 096	2 545 681	2 524 335	2 344 038
<i>Impact of semi- and unskilled migrant workers</i>				
- Value impact	-46 085	-79 159	-313 923	-146 389
- Percentage impact	-2.29%	-3.02%	-11.06%	-5.88%
<b>Total Population including and excluding semi- and unskilled migrant workers and their family members</b>				
Actual situation - incl. semi- and unskilled migrant workers and family	45 602 570	49 342 461	52 071 672	49 005 568
Actual situation - excl. semi- and unskilled migrant workers and family	44 836 935	48 491 552	49 952 358	47 760 282
Number of semi- and unskilled migrant workers and family	-765 636	-850 909	-2 119 314	-1 245 286

# Nett Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Date	2 001	2 007	2 011	Average impact for the data points 2001, 2007, 2011
<b>Per capita GDP income</b>				
Actual situation - incl. semi- and unskilled migrant workers	44 037	53 196	54 507	50 819
Actual situation - excl. semi- and unskilled migrant workers	43 761	52 497	50 535	49 079
Value impact of semi- and unskilled migrant workers on the income of South Africans	-276	-699	-3 972	-1 740
Percentage impact	-0.63%	-1.31%	-7.29%	-3.42%
<b>Employment (numbers)</b>				
Actual situation - incl. semi- and unskilled migrant workers	11 526 276	12 579 577	12 728 743	12 278 199
Actual situation - excl. semi- and unskilled migrant workers	11 494 123	12 092 453	10 941 408	11 509 328
Impact - Number	-32 153	-487 124	-1 787 335	-768 870
Percentage impact	-0.28%	-3.87%	-14.04%	-6.26%

# Macroeconomic Impact of Semi and Unskilled Migrant Workers on the South African Economy - Production Function Approach , (R Million, Constant 2010 Prices)

Date	2 001	2 007	2 011	Average impact for the data points 2001, 2007, 2011
<b>Government income (current prices)</b>				
Actual - incl. semi- and unskilled migrant workers	271 949	604 769	810 339	562 352
Excl. semi- and unskilled migrant workers	270 672	591 477	748 447	536 866
Value impact	-1 277	-13 292	-61 892	-25 487
Percentage impact	-0.47%	-2.20%	-7.64%	-4.53%
<b>Net impact of semi- and unskilled migrant workers on the Fiscal Balance</b>				
Number of semi- and unskilled migrant workers	497 663	553 091	1 377 554	809 436
Government income accrued from semi- and unskilled migrant workers (Rand value per worker)	-2 565	-24 031	-44 929	-31 487
Government expenditure on semi- and unskilled migrant workers, including their family members (Rand value per worker)	2 645	3 374	3 956	3 325
Net government income accrued from semi- and unskilled migrant workers (Rand value per worker)	-5 210	-27 406	-48 884	-34 812

# Growth Accounting Approach

---

**Growth Accounting Equation is as follows:**

$$gY = \alpha_K g_k + (1 - \alpha_K) g_L + SR$$

where  $gY$  = growth of output

$g_L$  = growth of labour

$g_k$  = growth of capital

$\alpha_K$  = capital share of total income

$(1 - \alpha_K) = \alpha_L$  = labour share total of income

$SR$  = Solow residual

Output growth is thus equal to a weighted sum of input factor (capital and labour) growth, with the weights given by their respective factor shares, plus the Solow residual

# Accounting for Migrant Workers' Contributions to Main–Sector Growth in South Africa according to their skills: 2001 – 2011

Direct migrant labour contribution to the main sectors of the economy with the Growth Accounting method.

		Primary	Secondary	Tertiary	Total
<b>Gross Value Added growth rates</b>		0.47%	3.09%	4.20%	3.47%
<b>Capital Contribution to Growth</b>		1.28%	1.26%	1.19%	1.22%
<b>Total labour</b>		-1.84%	1.33%	2.03%	1.21%
<b>Labour Contribution to Growth - Local workers</b>	<b>Total</b>	-1.80%	0.99%	1.52%	0.85%
	<b>Skilled</b>	-0.06%	-0.06%	0.21%	0.11%
	<b>Semi and unskilled</b>	-1.74%	1.06%	1.31%	0.75%
<b>Labour contribution to growth - migrant workers</b>	<b>Total</b>	-0.04%	0.34%	0.50%	0.36%
	<b>Skilled</b>	-0.04%	0.10%	0.28%	0.18%
	<b>Semi and unskilled</b>	0.0011%	0.24%	0.22%	0.18%
<b>Total Factor Productivity (TFP) contribution to growth</b>		1.04%	0.49%	0.99%	1.04%

# Comparison of two approaches regarding Gross Macroeconomic Impact of Semi-Skilled and Unskilled Migrant Workers on the South African Economy

Indicators	Growth Accounting Approach			Production Function Method		
	2001	2011	Average impact for the data points 2001, 2007, 2011	2001	2011	Average impact for the data points 2001, 2007, 2011
<b>GDP</b>						
Actual - incl. semi and unskilled migrants	2 008 181	2 838 258	2 490 426	2 008 181	2 838 258	2 490 426
Excl. semi and unskilled migrants	1 930 550	2 736 990	2 398 016	1 953 848	2 551 125	2 358 724
Impact of semi and unskilled migrants				-	-	-
- Value impact	77 631	101 268	92 410	54 333	287 133	131 702
- Percentage impact	3.87%	3.57%	3.71%	2.71%	10.12%	5.29%
<b>TOTAL POPULATION</b>						
Actual - incl. semi and unskilled migrants	45 602 570	52 071 672	49 005 568	45 602 570	52 071 672	49 005 568
Excl. unskilled migrants	44 836 935	49 952 358	47 760 282	44 836 935	49 952 358	47 760 282
Number of semi and unskilled migrants	765 636	2 119 314	1 245 286	765 636	2 119 314	1 245 286



# Comparison of two approaches regarding Gross Macroeconomic Impact of Semi-Skilled and Unskilled Migrant Workers on the South African Economy

Indicators	Growth Accounting Approach			Production Function Method		
	2001	2011	Average impact for the data points 2001, 2007, 2011	2001	2011	Average impact for the data points 2001, 2007, 2011
<b>PER CAPITA GDP INCOME (RAND, 2010 PRICES)</b>						
Actual - incl. semi and unskilled migrants	44 037	54 507	50 580	44 037	54 507	50 819
Excl. semi and unskilled migrants	43 057	54 792	49 984	43 577	51 071	49 387
Value impact of semi and unskilled migrants	979	-285	596	460	3 436	1 433
Percentage impact of semi and unskilled migrants	2.22%	-0.52%	1.18%	1.04%	6.30%	2.82%
<b>EMPLOYMENT (NUMBERS)</b>						
Actual - incl. semi and unskilled migrants	12 072 796	14 065 297	13 313 832	11 526 276	12 728 743	12 278 199
Excl. semi and unskilled migrants	11 526 276	12 728 743	12 278 199	10 883 204	10 820 426	11 273 379
Impact - Number	546 520	1 336 553	1 035 634	643 071	1 908 317	1 004 820
Percentage impact	4.53%	9.50%	7.78%	5.58%	14.99%	8.18%

# Comparison of two approaches regarding Macroeconomic Impact of Semi-Skilled and Unskilled Migrant Workers on the South African Economy

Indicators	Growth Accounting Approach			Production Function Method		
	2001	2011	Average impact for the data points 2001, 2007, 2011	2001	2011	Average impact for the data points 2001, 2007, 2011
<b>GOVERNMENT INCOME (CURRENT PRICES)</b>						
<b>Actual - incl. semi and unskilled migrants</b>	<b>271 949</b>	<b>810 339</b>	<b>462 692</b>	<b>271 949</b>	<b>810 339</b>	<b>562 352</b>
<b>Excl. semi and unskilled migrants</b>						
<b>Value impact</b>	236 842	782 535	439 276	268 768	758 698	539 820
<b>Difference</b>	35 107	27 804	23 416	3 181	51 641	22 533
<b>Net impact of semi and unskilled migrant workers on the fiscus</b>						
<b>Number of semi and unskilled migrant workers</b>	<b>497 663</b>	<b>1 377 554</b>	<b>809 436</b>	<b>497 663</b>	<b>1 377 554</b>	<b>809 436</b>
<b>Government income accrued from semi and unskilled migrant workers (Rand value per worker)</b>	<b>70 543</b>	<b>20 184</b>	<b>34 663</b>	<b>6 393</b>	<b>37 488</b>	<b>27 837</b>
<b>Government expenditure on semi and unskilled migrant workers, including their family members (Rand value per worker)</b>	<b>2 645</b>	<b>3 956</b>	<b>3 325</b>	<b>2 645</b>	<b>3 956</b>	<b>3 325</b>
<b>Net government income accrued from semi and unskilled migrant workers (Rand value per worker)</b>	<b>67 899</b>	<b>16 228</b>	<b>31 339</b>	<b>3 748</b>	<b>33 532</b>	<b>24 512</b>

## Concluding Remarks

---

- Skilled Migrant Workers Make a Significant Contribution To RSA Economy
- For Semi – and Unskilled Migrant Workers , the Results of The Analysis are not clear .
  - This is supported by the results of the Gross Impact Analysis of Semi- and Unskilled Migrant Workers
- If semi and unskilled migrant workers have low skills and only replace local workers, they have a negative impact on RSA economy.
  - This is supported by the Net Impact Analysis of Semi- and Unskilled Migrant Workers.

---

THANK YOU