



**National Accounts Workshop for SADC countries**

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Strengthening statistical capacity-building in support of progress  
towards the Internationally Agreed Developments Goals in the  
Southern African Development Community region

**Benchmarking and rebasing**



**EXAMPLE: CHANGE OF BASE YEAR  
AND THE EFFECT ON GROWTH RATES**

	1980	1985	1990	1991	growth rates		
					1980-85	1985-90	1990-91
<i>Values in current prices</i>							
<b>Wool</b>							
Price	5	10	20	22	100.0	100.0	10.0
Quantity	4	5	6	7	25.0	20.0	16.7
Value	20	50	120	154	150.0	140.0	28.3
<b>Mutton</b>							
Price	15	10	5	4	-33.3	-50.0	-20.0
Quantity	11	10	8	7	-9.1	-20.0	-12.5
Value	165	100	40	28	-39.4	-60.0	-30.0
<b>TOTAL</b>							
Value	185	150	160	182	-18.9	6.7	13.8
<i>Values in constant prices of 1980</i>							
Wool	20	25	30	35	25.0	20.0	16.7
Mutton	165	150	120	105	-9.1	-20.0	-12.5
<b>TOTAL</b>	185	175	150	140	-5.4	-14.3	-6.7

	Growth rate (percent)						
	1980	1985	1990	1991	1980-85	1985-90	1990-91
<i>Values in current prices</i>							
<b>Wool</b>							
<i>Price</i>	5	10	20	22	100.0	100.0	10.0
<i>Quantity</i>	4	5	6	7	25.0	20.0	16.7
<i>Value</i>	20	50	120	154	150.0	140.0	28.3
<b>Mutton</b>							
<i>Price</i>	15	10	5	4	-33.3	-50.0	-20.0
<i>Quantity</i>	11	10	8	7	-9.1	-20.0	-12.5
<i>Value</i>	165	100	40	28	-39.4	-60.0	-30.0
<b>TOTAL</b>							
<i>Value</i>	<b>185</b>	<b>150</b>	<b>160</b>	<b>182</b>	-18.9	6.7	13.8
<i>Values in constant prices of 1985</i>							
Wool		50	60	70		20.0	16.7
Mutton		100	80	70		-20.0	-12.5
<b>TOTAL</b>		<b>150</b>	<b>140</b>	<b>140</b>		<b>-6.7</b>	<b>0.0</b>
<i>Values in constant prices of 1990</i>							
Wool			120	140			16.7
Mutton			40	35			-12.7
<b>TOTAL</b>			<b>160</b>	<b>175</b>			<b>9.4</b>

	growth rates						
	1980	1985	1990	1991	1980-85	1985-90	1990-91
<i>Values in constant prices of 1980</i>							
Wool	20	25	30	35	25.0	20.0	16.7
Mutton	165	150	120	105	-9.1	-20.0	-12.5
TOTAL	<b>185</b>	<b>175</b>	<b>150</b>	<b>140</b>	<b>-5.4</b>	<b>-14.3</b>	<b>-6.7</b>
<i>Values in constant prices of 1985</i>							
Wool		50	60	70		20.0	16.7
Mutton		100	80	70		-20.0	-12.5
TOTAL		<b>150</b>	<b>140</b>	<b>140</b>		<b>-6.7</b>	<b>0.0</b>
<i>Values in constant prices of 1990</i>							
Wool			120	140			16.7
Mutton			40	35			-12.7
TOTAL			<b>160</b>	<b>175</b>			<b>9.4</b>