

Statistical release

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Quarterly Employment Statistics (QES) March 2010

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In this bulletin, Stats SA releases the results of the 2009 sample for the Quarterly Employment Statistics survey. The results for the quarter ended March 2010 are published herein, as well as the revised results for the quarters ending September 2009 and December 2009.

A parallel 2009 sample was conducted with the 2006 sample for the quarters ended September 2009 and December 2009. The difference between the employment levels of both samples (for September 2009) is minimal, both at the aggregate level and the industry level.

The difference in the gross earnings levels between the 2006 and 2009 samples for the quarter ended September 2009 is +2,9 per cent at the aggregate level. At the 1-digit SIC level the differences range from 2,3 per cent for the community, social and personal services industry to 5,7 per cent for the construction industry. These inter industry differences are mostly due to the reclassification of some businesses, the removal of deaths, and the inclusion of births in the 2009 sampling frame.

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Part A - Key estimates of number of employees and their earnings

Table A – Number of employees as at the end of December 2009 and March 2010, and gross earnings for the quarters ended December 2009 and March 2010.

Main estimates	Quarter ended March 2009	Quarter ended December 2009*	Quarter ended March 2010	Percentage change between the quarters ended December 2009 and March 2010	Percentage change between the quarters ended March 2009 and March 2010
Number of employees (000)	8 326	8 163	8 084	-1,0	-2,9
Gross earnings (R' 000)	259 223 000	303 361 000	289 436 000	-4,6	+11,7

*Revised estimates

Key findings for the quarter ended March 2010

Employment in the formal non-agricultural business sector decreased between the quarters ended December 2009 and March 2010.

The March 2010 Quarterly Employment Statistics (QES) survey showed that the number of people employed in the formal non-agricultural business sector of the South African economy decreased by about 79 000 persons (-1,0%) from December 2009 (an estimated 8 163 000 employees) to March 2010 (an estimated 8 084 000 employees). The quarterly decrease, for the same period last year was 2,2%.

Gross earnings paid to employees in the formal non-agricultural business sector decreased between the quarters ended December 2009 and March 2010.

The gross earnings paid to employees during the quarter ended March 2010 (January 2010 to March 2010) amounted to R289 436 million. This reflects a quarterly decrease of R13 925 million (-4,6%) compared with the quarter ended December 2009 (October 2009 to December 2009).

Employment in the formal non-agricultural business sector decreased between the quarters ended March 2009 and March 2010.

The March 2010 Quarterly Employment Statistics (QES) survey shows that an estimated 8 084 000 people were employed in the formal non-agricultural business sector of the South African economy. This reflected an annual decrease of about 242 000 employees (-2,9%) compared with March 2009 (an estimated 8 326 000 employees).

Gross earnings paid to employees in the formal non-agricultural business sector increased between the quarters ended March 2009 and March 2010.

The gross earnings paid to employees during the quarter ended March 2010 (January 2010 to March 2010) amounted to R289 436 million. This reflects an annual increase of R30 213 million (+11,7%) compared with the quarter ended March 2009 (January 2009 to March 2009).

Part B - Key estimates of average monthly earnings

Table B – Average monthly earnings paid to employees in the formal non-agricultural business sector

Average monthly earnings	February 2009 (Rand)	November 2009 (Rand)*	February 2010 (Rand)	Percentage change between November 2009 and February 2010	Percentage change between February 2009 and February 2010
Including bonuses and overtime payments	9 614	11 020	11 195	1,6	16,4

*Revised estimates

Key findings regarding average monthly earnings including bonuses and overtime payments

Average monthly earnings, including bonuses and overtime payments, paid to employees in the formal non-agricultural business sector increased between November 2009 and February 2010.

The March 2010 Quarterly Employment Statistics (QES) survey reflected a quarterly increase of 1,6% in average monthly earnings paid to employees in the formal non-agricultural business sector between November 2009 (an estimated R11 020) and February 2010 (an estimated R11 195).

Average monthly earnings, including bonuses and overtime payments, paid to employees in the formal non-agricultural business sector increased between February 2009 and February 2010.

The March 2010 Quarterly Employment Statistics (QES) survey reflected an annual increase of 16,4% in average monthly earnings paid to employees in the formal non-agricultural business sector between February 2009 (an estimated R9 614) and February 2010 (an estimated R11 195).

P J Lehohla
Statistician-General

Level of employees as at March 2010

The *mining and quarrying industry* reported an annual decrease of 9 000 employees (-1,8%) at March 2010 compared with March 2009.

There was a quarterly increase of 3 000 employees (+0,6%) at March 2010 compared with December 2009.

See explanatory notes.

The *manufacturing industry* reported an annual decrease of 51 000 employees (-4,1%) at March 2010 compared with March 2009.

There was a quarterly increase of 3 000 employees (+0,3%) at March 2010 compared with December 2009. This is mainly due to the increases in employment in the manufacturing of dairy products; manufacturing of beverages; manufacturing of other food products; manufacturing of other chemical products; manufacturing of motor vehicles; and manufacturing of parts and accessories for motor vehicles and their engines.

The *electricity, gas and water supply industry* reported an annual decrease of 4 000 employees (-6,7%) at March 2010 compared with March 2009.

There was no quarterly change between December 2009 and March 2010.

The *construction industry* reported an annual decrease of 50 000 employees (-10,9%) at March 2010 compared with March 2009.

There was a quarterly decrease of 7 000 employees (-1,7%) at March 2010 compared with December 2009. This is mainly due to the completion of construction projects.

The *wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants industry* reported an annual decrease of 56 000 employees (-3,3%) at March 2010 compared with March 2009.

There was a quarterly decrease of 40 000 employees (-2,4%) at March 2010 compared with December 2009. This is mainly due to decreases in employment in retail, wholesale and commission trade except of motor vehicles and motor cycles; hotels and restaurants.

The *transport, storage and communication industry* reported an annual decrease of 4 000 employees (-1,1%) at March 2010 compared with March 2009.

There was a quarterly decrease of 1 000 employees (-0,3%) at March 2010 compared with December 2009. This is mainly due to decreases in employment in supporting and auxiliary transport activities; and post and telecommunication.

The *financial intermediation, insurance, real estate and business services industry* reported an annual decrease of 110 000 employees (-5,9%) at March 2010 compared with March 2009.

There was a quarterly decrease of 43 000 employees (-2,4%) at March 2010 compared with December 2009. This is mainly due to decreases in employment in financial intermediation, except insurance and pension funding; activities auxiliary to financial intermediation; real estate activities; and other business activities not elsewhere classified.

The *community, social and personal services industry* reported an annual increase of 42 000 employees (+1,9%) at March 2010 compared with March 2009.

There was a quarterly increase of 6 000 employees (+0,3%) at March 2010 compared with December 2009. This is mainly due to increases in employment in provincial government; local government; and universities and universities of technology.

Gross earnings paid to employees for the quarter ended March 2010

Gross earnings paid to employees in the *mining and quarrying industry* reflected an annual increase of R1 499 million (+9,6%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R407 million (-2,3%) for the quarter ended March 2010 compared with the quarter ended December 2009.

See explanatory notes.

Gross earnings paid to employees in the *manufacturing industry* reflected an annual increase of R3 791 million (+11,4%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R2 999 million (-7,5%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *electricity, gas and water supply industry* reflected an annual increase of R355 million (+10,1%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R653 million (-14,4%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *construction industry* reflected an annual increase of R1 165 million (+12,7%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R1 701 million (-14,1%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants industry* reflected an annual increase of R2 480 million (+7,0%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R2 420 million (-6,0%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *transport, storage and communication industry* reflected an annual increase of R1 358 million (+9,7%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R1 311 million (-7,9%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *financial intermediation, insurance, real estate and business services industry* reflected an annual increase of R3 900 million (+5,6%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly increase of R1 075 million (+1,5%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Gross earnings paid to employees in the *community, social and personal services industry* reflected an annual increase of R15 665 million (+20,0%) for the quarter ended March 2010 compared with the quarter ended March 2009.

There was a quarterly decrease of R5 509 million (-5,5%) for the quarter ended March 2010 compared with the quarter ended December 2009.

Part 1 - Estimation of number of employees and their earnings

Table 1 – Total (all formal non-agricultural industries)

1.1 Number of employees

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
				Quarter	Annual
2007	Mar 8 244 000	22 000	0,3	-	-
	Jun 8 288 000	44 000	0,5	229 000	2,8
	Sep 8 343 000	55 000	0,7	219 000	2,7
	Dec 8 410 000	67 000	0,8	188 000	2,3
2008	Mar 8 417 000	7 000	0,1	173 000	2,1
	Jun 8 457 000	40 000	0,5	169 000	2,0
	Sep 8 490 000	33 000	0,4	147 000	1,8
	Dec 8 512 000	22 000	0,3	102 000	1,2
2009	Mar 8 326 000	-186 000	-2,2	-91 000	-1,1
	Jun 8 241 000	-85 000	-1,0	-216 000	-2,6
	Sep* 8 144 000	-97 000	-1,2	-346 000	-4,1
	Dec* 8 163 000	19 000	0,2	-349 000	-4,1
2010	Mar 8 084 000	-79 000	-1,0	-242 000	-2,9

*Revised estimates

1.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
				Quarter	Annual
2007	Mar 205 192 000	-15 047 000	-6,8	-	-
	Jun 210 918 000	5 726 000	2,8	20 068 000	10,5
	Sep 219 881 000	8 963 000	4,2	20 120 000	10,1
	Dec 241 569 000	21 688 000	9,9	21 330 000	9,7
2008	Mar 235 349 000	-6 220 000	-2,6	30 157 000	14,7
	Jun 244 021 000	8 672 000	3,7	33 103 000	15,7
	Sep 253 964 000	9 943 000	4,1	34 083 000	15,5
	Dec 273 957 000	19 993 000	7,9	32 388 000	13,4
2009	Mar 259 223 000	-14 734 000	-5,4	23 874 000	10,1
	Jun 258 827 000	-396 000	-0,2	14 806 000	6,1
	Sep* 270 555 000	11 728 000	4,5	16 591 000	6,5
	Dec* 303 361 000	32 806 000	12,1	29 404 000	10,7
2010	Mar 289 436 000	-13 925 000	-4,6	30 213 000	11,7

*Revised estimates

Table 2 – Mining and quarrying industry**2.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
				Quarter	Annual
2007	Mar 484 000	9 000	1,9	-	-
	Jun 497 000	13 000	2,7	38 000	8,3
	Sep 505 000	8 000	1,6	42 000	9,1
	Dec 506 000	1 000	0,2	31 000	6,5
2008	Mar 508 000	2 000	0,4	24 000	5,0
	Jun 520 000	12 000	2,4	23 000	4,6
	Sep 532 000	12 000	2,3	27 000	5,3
	Dec 518 000	-14 000	-2,6	12 000	2,4
2009	Mar 500 000	-18 000	-3,5	-8 000	-1,6
	Jun 492 000	-8 000	-1,6	-28 000	-5,4
	Sep 487 000	-5 000	-1,0	-45 000	-8,5
	Dec* 488 000	1 000	0,2	-30 000	-5,8
2010	Mar 491 000	3 000	0,6	-9 000	-1,8

*Revised estimates

2.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
				Quarter	Annual
2007	Mar 11 506 000	-	-	-	-
	Jun 11 995 000	489 000	4,2	-	-
	Sep 12 871 000	876 000	7,3	-	-
	Dec 13 456 000	585 000	4,5	-	-
2008	Mar 13 554 000	98 000	0,7	2 048 000	17,8
	Jun 14 602 000	1 048 000	7,7	2 607 000	21,7
	Sep 15 622 000	1 020 000	7,0	2 751 000	21,4
	Dec 16 519 000	897 000	5,7	3 063 000	22,8
2009	Mar 15 605 000	-914 000	-5,5	2 051 000	15,1
	Jun 15 692 000	87 000	0,6	1 090 000	7,5
	Sep 16 448 000	756 000	4,8	826 000	5,3
	Dec* 17 511 000	1 063 000	6,5	992 000	6,0
2010	Mar 17 104 000	-407 000	-2,3	1 499 000	9,6

*Revised estimates

Table 3 – Manufacturing industry**3.1 Number of employees**

Year and quarter		Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
			Quarter	Annual		
2007	Mar	1 322 000	-11 000	-0,8	-	-
	Jun	1 323 000	1 000	0,1	-8 000	-0,6
	Sep	1 318 000	-5 000	-0,4	-16 000	-1,2
	Dec	1 315 000	-3 000	-0,2	-18 000	-1,4
2008	Mar	1 312 000	-3 000	-0,2	-10 000	-0,8
	Jun	1 307 000	-5 000	-0,4	-16 000	-1,2
	Sep	1 300 000	-7 000	-0,5	-18 000	-1,4
	Dec	1 275 000	-25 000	-1,9	-40 000	-3,0
2009	Mar	1 239 000	-36 000	-2,8	-73 000	-5,6
	Jun	1 220 000	-19 000	-1,5	-87 000	-6,7
	Sep*	1 204 000	-16 000	-1,3	-96 000	-7,4
	Dec*	1 185 000	-19 000	-1,6	-90 000	-7,1
2010	Mar	1 188 000	3 000	0,3	-51 000	-4,1

*Revised estimates

3.2 Gross earnings (R'000)

Year and quarter		Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
			Quarter	Annual		
2007	Mar	28 988 000	-4 647 000	-13,8	-	-
	Jun	29 555 000	567 000	2,0	1 641 000	5,9
	Sep	30 785 000	1 230 000	4,2	1 888 000	6,5
	Dec	35 433 000	4 648 000	15,1	1 798 000	5,3
2008	Mar	32 118 000	-3 315 000	-9,4	3 130 000	10,8
	Jun	32 726 000	608 000	1,9	3 171 000	10,7
	Sep	33 968 000	1 242 000	3,8	3 183 000	10,3
	Dec	38 052 000	4 084 000	12,0	2 619 000	7,4
2009	Mar	33 352 000	-4 700 000	-12,4	1 234 000	3,8
	Jun	33 446 000	94 000	0,3	720 000	2,2
	Sep*	35 767 000	2 321 000	6,9	1 799 000	5,3
	Dec*	40 142 000	4 375 000	12,2	2 090 000	5,5
2010	Mar	37 143 000	-2 999 000	-7,5	3 791 000	11,4

*Revised estimates

Table 4 – Electricity, gas and water supply industry**4.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
2007	Mar	54 000	1 000	1,9	-
2008	Jun	54 000	0	0,0	2 000
2008	Sep	55 000	1 000	1,9	4 000
2008	Dec	56 000	1 000	1,8	3 000
2009	Mar	58 000	2 000	3,6	4 000
2009	Jun	59 000	1 000	1,7	5 000
2009	Sep	59 000	0	0,0	4 000
2009	Dec	59 000	0	0,0	3 000
2010	Mar	60 000	1 000	1,7	2 000
2010	Jun	59 000	-1 000	-1,7	0
2010	Sep*	56 000	-3 000	-5,1	-3 000
2010	Dec*	56 000	0	0,0	-3 000
2010	Mar	56 000	0	0,0	-4 000

*Revised estimates

4.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
2007	Mar	2 454 000	-244 000	-9,0	-
2008	Jun	2 400 000	-54 000	-2,2	303 000
2008	Sep	3 131 000	731 000	30,5	356 000
2008	Dec	3 241 000	110 000	3,5	543 000
2009	Mar	2 780 000	-461 000	-14,2	326 000
2009	Jun	2 921 000	141 000	5,1	521 000
2009	Sep	3 558 000	637 000	21,8	427 000
2009	Dec	4 048 000	490 000	13,8	807 000
2010	Mar	3 514 000	-534 000	-13,2	734 000
2010	Jun	3 476 000	-38 000	-1,1	555 000
2010	Sep*	4 365 000	889 000	25,6	807 000
2010	Dec*	4 522 000	157 000	3,6	474 000
2010	Mar	3 869 000	-653 000	-14,4	355 000

*Revised estimates

Table 5 – Construction industry**5.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
				Quarter	Annual
2007	Mar 470 000	12 000	2,6	-	-
	Jun 473 000	3 000	0,6	17 000	3,7
	Sep 475 000	2 000	0,4	16 000	3,5
	Dec 466 000	-9 000	-1,9	8 000	1,7
2008	Mar 468 000	2 000	0,4	-2 000	-0,4
	Jun 474 000	6 000	1,3	1 000	0,2
	Sep 467 000	-7 000	-1,5	-8 000	-1,7
	Dec 474 000	7 000	1,5	8 000	1,7
2009	Mar 458 000	-16 000	-3,4	-10 000	-2,1
	Jun 441 000	-17 000	-3,7	-33 000	-7,0
	Sep* 418 000	-23 000	-5,2	-49 000	-10,5
	Dec* 415 000	-3 000	-0,7	-59 000	-12,4
2010	Mar 408 000	-7 000	-1,7	-50 000	-10,9

*Revised estimates

5.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
				Quarter	Annual
2007	Mar 7 341 000	-555 000	-7,0	-	-
	Jun 7 671 000	330 000	4,5	928 000	13,8
	Sep 7 870 000	199 000	2,6	977 000	14,2
	Dec 9 389 000	1 519 000	19,3	1 493 000	18,9
2008	Mar 8 317 000	-1 072 000	-11,4	976 000	13,3
	Jun 9 154 000	837 000	10,1	1 483 000	19,3
	Sep 9 762 000	608 000	6,6	1 892 000	24,0
	Dec 10 934 000	1 172 000	12,0	1 545 000	16,5
2009	Mar 9 208 000	-1 726 000	-15,8	891 000	10,7
	Jun 9 335 000	127 000	1,4	181 000	2,0
	Sep* 9 882 000	547 000	5,9	120 000	1,2
	Dec* 12 074 000	2 192 000	22,2	1 140 000	10,4
2010	Mar 10 373 000	-1 701 000	-14,1	1 165 000	12,7

*Revised estimates

Table 6 – Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants industry**6.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
				Quarter	Annual
2007	Mar 1 706 000	-33 000	-1,9	-66 000	4,0
	Jun 1 730 000	24 000	1,4		
	Sep 1 741 000	11 000	0,6		
	Dec 1 774 000	33 000	1,9		
2008	Mar 1 739 000	-35 000	-2,0	33 000	1,9
	Jun 1 726 000	-13 000	-0,7		
	Sep 1 709 000	-17 000	-1,0		
	Dec 1 747 000	38 000	2,2		
2009	Mar 1 681 000	-66 000	-3,8	-58 000	-3,3
	Jun 1 672 000	-9 000	-0,5		
	Sep* 1 632 000	-40 000	-2,4		
	Dec* 1 665 000	33 000	2,0		
2010	Mar 1 625 000	-40 000	-2,4	-56 000	-3,3

*Revised estimates

6.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
				Quarter	Annual
2007	29 234 000	-2 488 000	-7,8	2 853 000	10,4
	30 318 000	1 084 000	3,7		
	30 962 000	644 000	2,1		
	35 752 000	4 790 000	15,5		
2008	33 845 000	-1 907 000	-5,3	4 611 000	15,8
	34 765 000	920 000	2,7		
	35 294 000	529 000	1,5		
	38 870 000	3 576 000	10,1		
2009	35 676 000	-3 194 000	-8,2	1 831 000	5,4
	35 780 000	104 000	0,3		
	36 757 000	977 000	2,7		
	40 576 000	3 819 000	10,4		
2010	38 156 000	-2 420 000	-6,0	2 480 000	7,0

*Revised estimates

Table 7 – Transport, storage and communication industry**7.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
				Quarter	Annual
2007	Mar 361 000	-3 000	-0,8	7 000	2,0
	Jun 359 000	-2 000	-0,6		
	Sep 358 000	-1 000	-0,3		
	Dec 360 000	2 000	0,6		
2008	Mar 364 000	4 000	1,1	3 000	0,8
	Jun 364 000	0	0,0		
	Sep 366 000	2 000	0,5		
	Dec 366 000	0	0,0		
2009	Mar 362 000	-4 000	-1,1	-2 000	-0,5
	Jun 353 000	-9 000	-2,5		
	Sep* 356 000	3 000	0,8		
	Dec* 359 000	3 000	0,8		
2010	Mar 358 000	-1 000	-0,3	-4 000	-1,1

*Revised estimates

7.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
				Quarter	Annual
2007	Mar 11 957 000	-1 269 000	-9,6	1 738 000	15,2
	Jun 13 169 000	1 212 000	10,1		
	Sep 12 543 000	-626 000	-4,8		
	Dec 14 064 000	1 521 000	12,1		
2008	Mar 13 303 000	-761 000	-5,4	1 346 000	11,3
	Jun 15 329 000	2 026 000	15,2		
	Sep 14 194 000	-1 135 000	-7,4		
	Dec 15 418 000	1 224 000	8,6		
2009	Mar 14 006 000	-1 412 000	-9,2	703 000	5,3
	Jun 14 942 000	936 000	6,7		
	Sep* 16 555 000	1 613 000	10,8		
	Dec* 16 675 000	120 000	0,7		
2010	Mar 15 364 000	-1 311 000	-7,9	1 358 000	9,7

*Revised estimates

Table 8 – Financial intermediation, insurance, real estate and business services industry**8.1 Number of employees**

Year and quarter	Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
		Quarter		Annual	
2007	Mar	1 819 000	20 000	1,1	-
	Jun	1 825 000	6 000	0,3	80 000
	Sep	1 851 000	26 000	1,4	78 000
	Dec	1 872 000	21 000	1,1	73 000
2008	Mar	1 883 000	11 000	0,6	64 000
	Jun	1 907 000	24 000	1,3	82 000
	Sep	1 924 000	17 000	0,9	73 000
	Dec	1 914 000	-10 000	-0,5	42 000
2009	Mar	1 863 000	-51 000	-2,7	-20 000
	Jun	1 824 000	-39 000	-2,1	-83 000
	Sep	1 784 000	-40 000	-2,2	-140 000
	Dec	1 796 000	12 000	0,7	-118 000
2010	Mar	1 753 000	-43 000	-2,4	-110 000

8.2 Gross earnings (R'000)

Year and quarter	Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
		Quarter		Annual	
2007	Mar	56 280 000	-3 580 000	-6,0	-
	Jun	56 796 000	516 000	0,9	5 917 000
	Sep	58 484 000	1 688 000	3,0	5 705 000
	Dec	62 225 000	3 741 000	6,4	2 365 000
2008	Mar	64 277 000	2 052 000	3,3	7 997 000
	Jun	63 106 000	-1 171 000	-1,8	6 310 000
	Sep	65 802 000	2 696 000	4,3	7 318 000
	Dec	69 544 000	3 742 000	5,7	7 319 000
2009	Mar	69 386 000	-158 000	-0,2	5 109 000
	Jun	65 491 000	-3 895 000	-5,6	2 385 000
	Sep*	66 659 000	1 168 000	1,8	857 000
	Dec*	72 211 000	5 552 000	8,3	2 667 000
2010	Mar	73 286 000	1 075 000	1,5	3 900 000

*Revised estimates

Table 9 – Community, social and personal services industry**9.1 Number of employees**

Year and quarter		Number of employees	Change in number of employees	% change in number of employees	Change in number of employees	% change in number of employees
			Quarter	Annual		
2007	Mar	2 027 000	26 000	1,3	-	-
	Jun	2 028 000	1 000	0,0	27 000	1,3
	Sep	2 040 000	12 000	0,6	30 000	1,5
	Dec	2 062 000	22 000	1,1	61 000	3,0
2008	Mar	2 085 000	23 000	1,1	58 000	2,9
	Jun	2 100 000	15 000	0,7	72 000	3,6
	Sep	2 133 000	33 000	1,6	93 000	4,6
	Dec	2 159 000	26 000	1,2	97 000	4,7
2009	Mar	2 163 000	4 000	0,2	78 000	3,7
	Jun	2 180 000	17 000	0,8	80 000	3,8
	Sep*	2 207 000	27 000	1,2	74 000	3,5
	Dec*	2 199 000	-8 000	-0,4	40 000	1,9
2010	Mar	2 205 000	6 000	0,3	42 000	1,9

*Revised estimates

9.2 Gross earnings (R'000)

Year and quarter		Gross earnings	Change in gross earnings	% change in gross earnings	Change in gross earnings	% change in gross earnings
			Quarter	Annual		
2007	Mar	58 423 000	-2 273 000	-3,7	-	-
	Jun	60 032 000	1 609 000	2,8	5 207 000	9,5
	Sep	64 321 000	4 289 000	7,1	6 281 000	10,8
	Dec	69 112 000	4 791 000	7,4	8 416 000	13,9
2008	Mar	67 156 000	-1 956 000	-2,8	8 733 000	14,9
	Jun	71 418 000	4 262 000	6,3	11 386 000	12,3
	Sep	75 764 000	4 346 000	6,1	11 443 000	17,8
	Dec	80 572 000	4 808 000	6,3	11 460 000	16,6
2009	Mar	78 476 000	-2 096 000	-2,6	11 320 000	16,9
	Jun	80 665 000	2 189 000	2,8	9 247 000	12,9
	Sep*	84 122 000	3 457 000	4,3	8 358 000	11,0
	Dec*	99 650 000	15 528 000	18,5	19 078 000	23,7
2010	Mar	94 141 000	-5 509 000	-5,5	15 665 000	20,0

*Revised estimates

Part 2 - Estimation of average monthly earnings

Table 1 – Average monthly earnings at current prices, by industry

1.1 Total (All formal non-agricultural industries)

Year and month		Including bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	7 870	-0,7	-
	May	8 093	2,8	7,5
	Aug	8 409	3,9	6,6
	Nov	8 752	4,1	10,4
2008	Feb	8 750	0,0	11,2
	May	9 142	4,5	13,0
	Aug	9 520	4,1	13,2
	Nov	9 527	0,1	8,9
2009	Feb	9 614	0,9	9,9
	May	9 724	1,1	6,4
	Aug*	10 591	8,9	11,3
	Nov*	11 020	4,1	15,7
2010	Feb	11 195	1,6	16,4

*Revised estimates

1.2 Mining and quarrying industry**

Year and month		Revised series		
		Including bonuses and overtime		
Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y		
2007	Feb	8 071	-	-
	May	8 002	-0,9	-
	Aug	8 392	4,9	-
	Nov	8 748	4,2	-
2008	Feb	9 028	3,2	11,9
	May	9 319	3,2	16,5
	Aug	9 979	7,1	18,9
	Nov	10 453	4,7	19,5
2009	Feb	10 348	-1,0	14,6
	May	10 660	3,0	14,4
	Aug	11 470	7,6	14,9
	Nov*	12 035	4,9	15,1
2010	Feb	11 707	-2,7	13,1

*Revised estimates

**Data obtained from the Department of Mineral Resources (see explanatory notes). At this stage the Department of Mineral Resources is unable to provide data items with regard to bonuses and overtime payments separately.

1.3 Manufacturing industry

Year and month		Including bonuses and overtime			Excluding bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	7 029	-1,8	-	6 487	-1,9	-
	May	7 232	2,9	6,0	6 701	3,3	5,1
	Aug	7 641	5,7	7,9	7 104	6,0	7,7
	Nov	7 920	3,7	10,6	7 258	2,2	9,8
2008	Feb	7 863	-0,7	11,9	7 277	0,3	12,2
	May	8 022	2,0	10,9	7 443	2,3	11,1
	Aug	8 365	4,3	9,5	7 780	4,5	9,5
	Nov	8 711	4,1	10,0	8 074	3,8	11,2
2009	Feb	8 547	-1,9	8,7	8 018	-0,7	10,2
	May	8 787	2,8	9,5	8 279	3,3	11,2
	Aug*	9 510	8,2	13,7	8 950	8,1	15,0
	Nov*	9 870	3,8	13,3	9 158	2,3	13,4
2010	Feb	9 917	0,5	16,0	9 312	1,7	16,1

*Revised estimates

1.4 Electricity, gas and water supply industry

Year and month		Including bonuses and overtime			Excluding bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	15 081	4,7	-	14 175	5,5	-
	May	14 703	-2,5	10,0	13 595	-4,1	10,0
	Aug	15 446	5,1	8,7	14 464	6,4	9,0
	Nov	16 682	8,0	15,9	15 490	7,1	15,2
2008	Feb	15 889	-4,8	5,4	14 848	-4,1	4,7
	May	16 396	3,2	11,5	15 397	3,7	13,3
	Aug	17 619	7,5	14,1	16 558	7,5	14,5
	Nov	19 812	12,4	18,8	18 567	12,1	19,9
2009	Feb	19 481	-1,7	22,6	18 257	-1,7	23,0
	May	19 582	0,5	19,4	18 318	0,3	19,0
	Aug*	21 922	11,9	24,4	20 619	12,6	24,5
	Nov*	23 471	7,1	18,5	21 822	5,8	17,5
2010	Feb	23 029	-1,9	18,2	21 530	-1,3	17,9

*Revised estimates

1.5 Construction industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	5 208	1,6	-	4 958	3,1
	May	5 278	1,3	8,8	4 998	0,8
	Aug	5 497	4,1	10,4	5 186	3,8
	Nov	5 910	7,5	15,3	5 549	7,0
2008	Feb	5 978	1,2	14,8	5 640	1,6
	May	6 471	8,2	22,6	5 872	4,1
	Aug	6 356	-1,8	15,6	5 935	1,1
	Nov	6 347	-0,1	7,4	5 947	0,2
2009	Feb	6 672	5,1	11,6	6 362	7,0
	May	7 004	5,0	8,2	6 608	3,9
	Aug*	7 370	5,2	16,0	6 990	5,8
	Nov*	7 990	8,4	25,9	7 495	7,2
2010	Feb	8 252	3,3	23,7	7 731	3,1

*Revised estimates

1.6 Wholesale and retail trade; repair of motor vehicles, motor cycles, and personal and household goods; hotels and restaurants industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	5 456	-0,2	-	5 225	0,4
	May	5 571	2,1	5,8	5 357	2,5
	Aug	5 698	2,3	4,9	5 489	2,5
	Nov	5 982	5,0	9,4	5 767	5,1
2008	Feb	6 132	2,5	12,4	5 915	2,6
	May	6 386	4,1	14,6	6 134	3,7
	Aug	6 624	3,7	16,3	6 325	3,1
	Nov	6 501	-1,9	8,7	6 250	-1,2
2009	Feb	6 570	1,1	7,1	6 338	1,4
	May	6 796	3,4	6,4	6 544	3,3
	Aug*	7 118	4,7	7,5	6 924	5,8
	Nov*	7 210	1,3	10,9	6 990	1,0
2010	Feb	7 331	1,7	11,6	7 134	2,1

*Revised estimates

1.7 Transport, storage and communication industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	10 790	0,8	-	9 978	2,2
	May	11 325	5,0	7,7	10 343	3,7
	Aug	11 164	-1,4	5,6	10 187	-1,5
	Nov	11 404	2,1	6,5	10 353	1,6
2008	Feb	11 606	1,8	7,6	10 626	2,6
	May	11 891	2,5	5,0	10 818	1,8
	Aug	12 011	1,0	7,6	11 030	2,0
	Nov	12 679	5,6	11,2	11 568	4,9
2009	Feb	12 368	-2,5	6,6	11 344	-1,9
	May	13 239	7,0	11,3	12 298	8,4
	Aug*	14 132	6,7	17,7	13 180	7,2
	Nov*	13 850	-2,0	9,2	12 894	-2,2
2010	Feb	13 931	0,6	12,6	13 030	1,1
						14,9

*Revised estimates

1.8 Financial intermediation, insurance, real estate and business services industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	9 318	-0,9	-	9 054	-0,1
	May	9 726	4,4	9,1	9 388	3,7
	Aug	9 905	1,8	3,5	9 589	2,1
	Nov	10 179	2,8	8,2	9 855	2,8
2008	Feb	10 082	-1,0	8,2	9 808	-0,5
	May	10 262	1,8	5,5	9 973	1,7
	Aug	10 846	5,7	9,5	10 276	3,0
	Nov	10 483	-3,3	3,0	10 144	-1,3
2009	Feb	10 937	4,3	8,5	10 585	4,3
	May	11 080	1,3	8,0	10 787	1,9
	Aug*	11 807	6,6	8,9	11 259	4,4
	Nov*	11 940	1,1	13,9	11 615	3,2
2010	Feb	12 360	3,5	13,0	12 053	3,8
						13,9

*Revised estimates

1.9 Community, social and personal services industry

Year and month		Including bonuses and overtime			Excluding bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	9 195	-1,1	-	8 968	-0,8	-
	May	9 450	2,8	7,6	9 154	2,1	7,3
	Aug	10 071	6,6	10,3	9 821	7,3	10,5
	Nov	10 522	4,5	13,2	10 166	3,5	12,5
2008	Feb	10 189	-3,2	10,8	9 921	-2,4	10,6
	May	10 982	7,8	16,2	10 684	7,7	16,7
	Aug	11 313	3,0	12,3	10 990	2,9	11,9
	Nov	11 222	-0,8	6,7	10 895	-0,9	7,2
2009	Feb	11 132	-0,8	9,3	10 837	-0,5	9,2
	May	10 772	-3,2	-1,9	10 423	-3,8	-2,4
	Aug*	12 261	13,8	8,4	11 969	14,8	8,9
	Nov*	13 268	8,2	18,2	12 849	7,4	17,9
2010	Feb	13 480	1,6	21,1	13 174	2,5	21,6

*Revised estimates

Table 2 – Average monthly earnings at constant 2000 prices, by industry**2.1 Total (All formal non-agricultural industries)**

Year and month		Including bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	5 703	-1,8	-
	May	5 707	0,1	0,5
	Aug	5 795	1,5	-0,1
	Nov	5 914	2,1	1,9
2008	Feb	5 776	-2,3	1,3
	May	5 771	-0,1	1,1
	Aug	5 770	0,0	-0,4
	Nov	5 760	-0,2	-2,6
2009	Feb	5 792	0,6	0,3
	May	5 730	-1,1	-0,7
	Aug*	6 133	7,0	6,3
	Nov*	6 355	3,6	10,3
2010	Feb	6 383	0,4	10,2

*Revised estimates

2.2 Mining and quarrying industry**

Year and month		Revised series		
		Including bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	5 849	-	-
	May	5 643	-	-
	Aug	5 783	-	-
	Nov	5 911	-	-
2008	Feb	5 959	0,8	1,9
	May	5 883	-1,3	4,3
	Aug	6 048	2,8	4,6
	Nov	6 320	4,5	6,9
2009	Feb	6 234	-1,4	4,6
	May	6 282	0,8	6,8
	Aug	6 642	5,7	9,8
	Nov*	6 941	4,5	9,8
2010	Feb	6 674	-3,8	7,1

*Revised estimates

**Data obtained from the Department of Mineral Resources (see explanatory notes). At this stage the Department of Mineral Resources is unable to provide data items with regard to bonuses and overtime payments separately.

2.3 Manufacturing industry

Year and month		Including bonuses and overtime			Excluding bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	5 093	-2,9	-	4 701	-2,9	-
	May	5 100	0,1	-0,8	4 726	0,5	-1,7
	Aug	5 266	3,3	1,2	4 896	3,6	0,9
	Nov	5 351	1,6	2,0	4 904	0,2	1,3
2008	Feb	5 190	-3,0	1,9	4 803	-2,1	2,2
	May	5 064	-2,4	-0,7	4 699	-2,2	-0,6
	Aug	5 070	0,1	-3,7	4 715	0,3	-3,7
	Nov	5 267	3,9	-1,6	4 881	3,5	-0,5
2009	Feb	5 149	-2,2	-0,8	4 830	-1,0	0,6
	May	5 178	0,6	2,3	4 879	1,0	3,8
	Aug*	5 507	6,4	8,6	5 182	6,2	9,9
	Nov*	5 692	3,4	8,1	5 281	1,9	8,2
2010	Feb	5 654	-0,7	9,8	5 309	0,5	9,9

*Revised estimates

2.4 Electricity, gas and water supply industry

Year and month		Including bonuses and overtime			Excluding bonuses and overtime		
		Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	10 928	3,6	-	10 272	4,3	-
	May	10 369	-5,1	2,8	9 587	-6,7	2,9
	Aug	10 645	2,7	1,9	9 968	4,0	2,2
	Nov	11 272	5,9	6,9	10 466	5,0	6,3
2008	Feb	10 488	-7,0	-4,0	9 801	-6,4	-4,6
	May	10 351	-1,3	-0,2	9 720	-0,8	1,4
	Aug	10 678	3,2	0,3	10 035	3,2	0,7
	Nov	11 978	12,2	6,3	11 226	11,9	7,3
2009	Feb	11 736	-2,0	11,9	10 998	-2,0	12,2
	May	11 539	-1,7	11,5	10 794	-1,9	11,0
	Aug*	12 694	10,0	18,9	11 939	10,6	19,0
	Nov*	13 536	6,6	13,0	12 585	5,4	12,1
2010	Feb	13 129	-3,0	11,9	12 275	-2,5	11,6

*Revised estimates

2.5 Construction industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	3 774	0,5	-	3 593	1,9
	May	3 722	-1,4	1,7	3 525	-1,9
	Aug	3 788	1,8	3,5	3 574	1,4
	Nov	3 993	5,4	6,3	3 749	4,9
2008	Feb	3 946	-1,2	4,6	3 723	-0,7
	May	4 085	3,5	9,8	3 707	-0,4
	Aug	3 852	-5,7	1,7	3 597	-3,0
	Nov	3 837	-0,4	-3,9	3 596	0,0
2009	Feb	4 019	4,7	1,8	3 833	6,6
	May	4 127	2,7	1,0	3 894	1,6
	Aug*	4 268	3,4	10,8	4 047	3,9
	Nov*	4 608	8,0	20,1	4 322	6,8
2010	Feb	4 705	2,1	17,1	4 408	2,0
						15,0

*Revised estimates

2.6 Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	3 954	-1,2	-	3 786	-0,7
	May	3 929	-0,6	-1,1	3 778	-0,2
	Aug	3 927	-0,1	-1,7	3 783	0,1
	Nov	4 042	2,9	0,9	3 897	3,0
2008	Feb	4 048	0,1	2,4	3 904	0,2
	May	4 032	-0,4	2,6	3 872	-0,8
	Aug	4 015	-0,4	2,2	3 833	-1,0
	Nov	3 930	-2,1	-2,8	3 779	-1,4
2009	Feb	3 958	0,7	-2,2	3 818	1,0
	May	4 005	1,2	-0,7	3 856	1,0
	Aug*	4 122	2,9	2,7	4 009	4,0
	Nov*	4 158	0,9	5,8	4 031	0,5
2010	Feb	4 180	0,5	5,6	4 067	0,9
						6,5

*Revised estimates

2.7 Transport, storage and communication industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	7 819	-0,3	-	7 230	1,1
	May	7 987	2,1	0,7	7 294	0,9
	Aug	7 694	-3,7	-1,0	7 021	-3,7
	Nov	7 705	0,1	-1,8	6 995	-0,4
2008	Feb	7 661	-0,6	-2,0	7 014	0,3
	May	7 507	-2,0	-6,0	6 830	-2,6
	Aug	7 279	-3,0	-5,4	6 685	-2,1
	Nov	7 666	5,3	-0,5	6 994	4,6
2009	Feb	7 451	-2,8	-2,7	6 834	-2,3
	May	7 801	4,7	3,9	7 247	6,0
	Aug*	8 183	4,9	12,4	7 632	5,3
	Nov*	7 987	-2,4	4,2	7 436	-2,6
2010	Feb	7 942	-0,6	6,6	7 429	-0,1
						8,7

*Revised estimates

2.8 Financial intermediation, insurance, real estate and business services industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	6 752	-2,0	-	6 561	-1,2
	May	6 859	1,6	2,0	6 621	0,9
	Aug	6 826	-0,5	-3,0	6 609	-0,2
	Nov	6 878	0,8	-0,2	6 659	0,8
2008	Feb	6 655	-3,2	-1,4	6 474	-2,8
	May	6 479	-2,6	-5,5	6 296	-2,7
	Aug	6 573	1,5	-3,7	6 228	-1,1
	Nov	6 338	-3,6	-7,9	6 133	-1,5
2009	Feb	6 589	4,0	-1,0	6 377	4,0
	May	6 529	-0,9	0,8	6 357	-0,3
	Aug*	6 837	4,7	4,0	6 519	2,5
	Nov*	6 886	0,7	8,6	6 698	2,7
2010	Feb	7 047	2,3	7,0	6 872	2,6
						7,8

*Revised estimates

2.9 Community, social and personal services industry

Year and month	Including bonuses and overtime			Excluding bonuses and overtime		
	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y	Average monthly earnings (Rand)	Quarterly changes (%) q/q	Annual changes (%) y/y
2007	Feb	6 663	-2,2	-	6 499	-1,8
	May	6 664	0,0	0,6	6 456	-0,7
	Aug	6 941	4,2	3,4	6 768	4,8
	Nov	7 109	2,4	4,4	6 869	1,5
2008	Feb	6 725	-5,4	0,9	6 549	-4,7
	May	6 933	3,1	4,0	6 745	3,0
	Aug	6 856	-1,1	-1,2	6 661	-1,2
	Nov	6 785	-1,0	-4,6	6 587	-1,1
2009	Feb	6 706	-1,2	-0,3	6 528	-0,9
	May	6 348	-5,3	-8,4	6 142	-5,9
	Aug*	7 100	11,8	3,6	6 931	12,8
2010	Nov*	7 652	7,8	12,8	7 410	6,9
	Feb	7 685	0,4	14,6	7 511	1,4
						15,1

*Revised estimates

Additional information

Technical notes

1 Confidence intervals **The estimated population value will be contained within the interval between the lower and upper 95% confidence limits.**

The 95% confidence intervals of a population parameter (gross salaries and wages) is obtained as follows:

Lower limit

= lower 95% confidence limit of a population parameter
= estimate – 1,96*Standard Error (estimate)

and

Upper limit

= upper 95% confidence limit of a population parameter
= estimate + 1,96*Standard Error (estimate)

$$1.1 \text{ Standard Error (SE)} = \frac{\text{upperlimit} - \text{lower limit}}{2 \times 1,96}$$

$$1.2 \text{ Relative Standard Error (RSE)} = \frac{\text{SE (estimate)}}{\text{estimate}} \times 100$$

Table C - Estimates of number of employees by industry within 95% confidence limits

Industry	Quarter ended September 2009*				Quarter ended December 2009*				Quarter ended March 2010			
	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE
Mining and quarrying**	487 132	487 132	487 132	0,0	487 745	487 745	487 745	0,0	490 527	490 527	490 527	0,0
Manufacturing	1 169 847	1 197 490	1 225 132	1,2	1 168 757	1 185 256	1 201 755	0,7	1 171 520	1 188 044	1 204 568	1,1
Electricity, gas and water supply	54 798	55 592	56 385	0,7	55 161	55 879	56 598	0,7	55 653	56 318	56 983	0,7
Construction	402 019	419 532	437 044	2,1	398 333	414 584	430 834	2,0	391 452	407 576	423 700	2,0
Wholesale and retail; repair of motor vehicles, motor cycles, and personal and household goods; hotels and restaurants	1 593 962	1 629 599	1 665 236	1,1	1 628 908	1 664 745	1 700 582	1,1	1 589 040	1 624 927	1 660 815	1,1
Transport, storage and communication	347 932	357 140	366 348	1,3	348 974	358 641	368 308	1,4	347 986	357 653	367 320	1,4
Financial intermediation, insurance, real estate and business services	1 733 833	1 782 217	1 830 600	1,4	1 746 052	1 796 247	1 846 442	1,4	1 704 743	1 752 732	1 800 721	1,3
Community, social and personal services	2 190 524	2 210 095	2 229 667	0,5	2 181 641	2 199 277	2 216 914	0,4	2 187 878	2 205 223	2 222 568	0,4
Total	8 068 158	8 138 797	8 209 435	0,4	8 093 861	8 162 374	8 230 887	0,4	8 016 661	8 083 000	8 149 338	0,4

*Revised estimates

**Data obtained from the Department of Mineral Resources (see explanatory notes).

Table D - Estimates of gross earnings (R' 000) by industry within 95% confidence limits

Industry	Quarter ended September 2009*				Quarter ended December 2009*				Quarter ended March 2010			
	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE
Mining and quarrying**	16 448 189	16 448 189	16 448 189	0,0	17 510 873	17 510 873	17 510 873	0,0	17 103 635	17 103 635	17 103 635	0,0
Manufacturing	34 417 858	35 095 690	35 773 523	1,0	39 633 230	40 142 499	40 651 768	0,6	36 656 166	37 142 871	37 629 576	0,7
Electricity, gas and water supply	4 315 839	4 367 050	4 418 261	0,6	4 484 636	4 522 163	4 559 689	0,4	3 836 711	3 869 194	3 901 678	0,4
Construction	9 831 356	10 482 122	11 132 889	3,2	11 442 517	12 074 469	12 706 421	2,7	9 748 597	10 372 546	10 996 495	3,1
Wholesale and retail; repair of motor vehicles, motor cycles, and personal and household goods; hotels and restaurants	35 942 297	37 791 152	39 640 007	2,5	39 340 059	40 575 956	41 811 853	1,6	36 704 069	38 156 490	39 608 912	1,9
Transport, storage and communication	16 179 211	16 573 667	16 968 123	1,2	16 202 194	16 675 398	17 148 602	1,4	14 908 290	15 364 061	15 819 833	1,5
Financial intermediation, insurance, real estate and business services	66 712 773	70 392 949	74 073 125	2,7	68 634 651	72 210 816	75 786 981	2,5	69 730 063	73 286 211	76 842 358	2,5
Community, social and personal services	83 041 622	84 225 141	85 408 660	0,7	98 321 766	99 650 333	100 978 899	0,7	92 855 526	94 140 981	95 426 437	0,7
Total	271 049 281	275 375 961	279 702 642	0,8	299 251 060	303 362 506	307 473 953	0,7	285 279 853	289 435 990	293 592 126	0,7

*Revised estimates

**Data obtained from the Department of Mineral Resources (see explanatory notes).

Table E - Estimates of average monthly earnings, including bonuses and overtime payments, at current prices, by industry within 95% confidence limits

Industry	August 2009				November 2009*				February 2010			
	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE
Mining and quarrying**	11 470	11 470	11 470	0,0	12 035	12 035	12 035	0,0	11 707	11 707	11 707	0,0
Manufacturing	9 253	9 510	9 767	1,4	9 694	9 870	10 046	0,9	9 742	9 917	10 092	0,9
Electricity, gas and water supply	21 560	21 922	22 284	0,8	23 134	23 471	23 808	0,7	22 734	23 029	23 324	0,7
Construction	6 960	7 370	7 780	2,8	7 512	7 990	8 468	3,1	7 690	8 252	8 814	3,5
Wholesale and retail; repair of motor vehicles, motor cycles, and personal and household goods; hotels and restaurants	6 854	7 118	7 382	1,9	6 941	7 210	7 479	1,9	7 021	7 331	7 641	2,2
Transport, storage and communication	13 655	14 132	14 609	1,7	13 348	13 850	14 352	1,9	13 468	13 931	14 394	1,7
Financial intermediation, insurance, real estate and business services	11 284	11 807	12 330	2,3	11 334	11 940	12 546	2,6	11 713	12 360	13 007	2,7
Community, social and personal services	12 057	12 261	12 465	0,8	13 066	13 268	13 470	0,8	13 262	13 480	13 698	0,8
Total	10 445	10 591	10 737	0,7	10 860	11 020	11 180	0,7	11 024	11 195	11 366	0,8

*Revised estimates

**Data obtained from the Department of Mineral Resources (see explanatory notes). At this stage the Department of Mineral Resources is unable to provide data items with regard to bonuses and overtime payments separately.

Table F - Estimates of average monthly earnings, excluding bonuses and overtime payments, at current prices, by industry within 95% confidence limits

Industry	August 2009				November 2009*				February 2010			
	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE	Lower limit	Estimate	Upper limit	RSE
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	8 706	8 950	9 194	1,4	8 992	9 158	9 324	0,9	9 145	9 312	9 479	0,9
Electricity, gas and water supply	20 269	20 619	20 969	0,9	21 501	21 822	22 143	0,7	21 249	21 530	21 811	0,7
Construction	6 597	6 990	7 383	2,9	7 033	7 495	7 957	3,1	7 187	7 731	8 275	3,6
Wholesale and retail; repair of motor vehicles, motor cycles, and personal and household goods; hotels and restaurants	6 664	6 924	7 184	1,9	6 728	6 990	7 252	1,9	6 827	7 134	7 441	2,2
Transport, storage and communication	12 722	13 180	13 638	1,8	12 411	12 894	13 377	1,9	12 583	13 030	13 477	1,7
Financial intermediation, insurance, real estate and business services	10 747	11 259	11 771	2,3	11 019	11 615	12 211	2,6	11 413	12 053	12 693	2,7
Community, social and personal services	11 767	11 969	12 171	0,9	12 651	12 849	13 047	0,8	12 979	13 174	13 369	0,8

*Revised estimates.

**Data obtained from the Department of Mineral Resources (see explanatory notes). At this stage the Department of Mineral Resources is unable to provide data items with regard to bonuses and overtime payments separately.

Explanatory notes

Introduction

This publication contains results of the Quarterly Employment Statistics survey of enterprises in the formal non-agricultural business sector of the South African economy. The survey is designed to obtain information regarding: the number of persons employed in the business; gross earnings paid; bonuses paid; overtime payments; and severance, termination and redundancy payments paid to employees for each month of the reference quarter.

Part 1 deals with the estimation of the number of employees and their earnings.

Part 2 deals with the estimation of average monthly earnings.

Scope of the survey

1. This survey covers employment statistics of the following industries according to the *Standard Industrial Classification of all Economic Activities (SIC)*, Fifth edition, January 1993:

- mining and quarrying industry;
- manufacturing industry;
- electricity, gas and water supply industry;
- construction industry;
- wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods; hotels and restaurants industry;
- transport, storage and communication industry;
- financial intermediation, insurance, real estate and business services industry; and
- community, social and personal services industry.

Classification

2. The *Standard Industrial Classification of all Economic Activities (SIC)*, Fifth edition, January 1993, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities (ISIC)*, with suitable adaptations for local conditions. Statistics in this publication are only presented at the SIC major division (one digit) level. **Each enterprise is classified to the industry which reflects the predominant activity of the enterprise.**

Statistical unit

3. The statistical unit for the collection of information is an enterprise. An enterprise is a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.

Purpose of the survey

4. The Quarterly Employment Statistics (QES) survey is a quarterly survey covering a sample of approximately 22 006 private and public enterprises in the formal non-agricultural business sector of the South African economy. The information received is used to estimate employment and gross earnings that are used as inputs to the Gross Domestic Product (GDP) and to estimate key economic statistics on average monthly earnings that are mainly used for monitoring economic indicators of the South African economy.

Mining

5. Stats SA receives information regarding the mining and quarrying industry from the Department of Mineral Resources. The information for the latest quarter is preliminary and will be revised by the Minerals Bureau as soon as they receive more information from the different mines. Users must take note that gross earnings estimates based on the 2006 frame exclude severance, termination and redundancy payments paid during the reference quarter.

Notes on estimates

6. Average monthly earnings statistics represent average gross (before tax) earnings of employees and do not relate to the earnings of the 'average' person. Estimates of average monthly earnings are derived by dividing estimates of monthly total earnings by estimates of number of employees. Changes in the average may be affected not only by changes in the level of earnings of employees but also by changes in the overall composition of the wage and salary earner segment of the labour force. There are several aspects which can contribute to compositional changes, including variations over time in the proportions of full-time, part-time and casual employees.

Reliability of estimates

7. Inaccuracies may occur because of imperfections in reporting by enterprises and errors made with the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to reduce non-sampling errors to a minimum by designing the questionnaire carefully, undertaking pilot studies, editing the data and efficient operating procedures. Fluctuations may occur in consecutive quarters as a result of seasonal and economic factors.

Standard errors

8. The estimates in this publication are based on a sample drawn from units in the surveyed population. As a result of the entire population not being surveyed, the published estimates are subject to sampling error. The most common way of quantifying such sampling error is to calculate the standard error for the published estimate or statistic.

Effects of rounding

9. Estimates of average monthly earnings are rounded to the nearest rand. Percentage changes are calculated on the actual values and may differ from calculations on rounded estimates. The sum of the rounded industry estimates do not necessarily add to the total.

Revised figures

10. Figures for the quarters published in this release are preliminary and may be revised in subsequent publications.

Related publications 11. Users may also wish to refer to the following publications which are available from Stats SA:

Bulletin of Statistics.
Labour Force Survey.
SA Statistics.

Pre-release policy 12. Stats SA's pre-release policy may be inspected at its website, www.statssa.gov.za.

Response rate The percentage response for the March 2010 quarter was 84,3%

Abbreviations and symbols		
BSF	Business Sampling Frame	
DME	Department of Minerals and Energy	
GDP	Gross Domestic Product	
IBR	Integrated Business Register	
ILO	International Labour Organisation	
IT	Income Tax	
LFS	Labour Force Survey	
QES	Quarterly Employment Statistics	
RSE	Relative Standard Error	
SARS	South African Revenue Service	
SE	Standard Error	
SEE	Survey of Employment and Earnings	
SIC	Standard Industrial Classification of all Economic Activities	
SNA	System of National Accounts	
Stats SA	Statistics South Africa	
VAT	Value Added-Tax	
-	Not available	

Glossary

Annual percentage change	An annual percentage change is the change in the employment, the gross earnings or the average monthly earnings of the given period compared with the employment, the gross earnings or the average monthly earnings of the corresponding period of the previous year expressed as a percentage.
Average monthly earnings at constant 2000 prices	Average monthly earnings at constant 2000 prices measure average monthly earnings after the direct effects of inflation have been eliminated. The deflator used to deflate the current average earnings is the consumer price index (2000=100). This index has been linked to the new CPI that has been rebased to 2008 = 100 from January 2009.
Average monthly earnings at current prices	Average monthly earnings at current prices are calculated by dividing the total gross earnings, excluding severance, termination and redundancy payments, for the reference month by the number of employees as at the end of the reference month.
Casual employees	Casual employees are employees who fall neither within the 'permanent employee' category nor within that of a 'temporary employee'. Such employees are typically working daily or hourly. Employers can dispense with their services at a very short notice, usually not exceeding a period of one week. Casual employees are not entitled to benefits such as paid leave and medical aid contributions paid by employers. Casual employees can be part-time or full time.
Enterprises	Enterprises are legal units, or a combination of legal units, that include and directly control all functions necessary to carry out their production activities.
Formal sector	The formal sector includes all businesses that are registered in any way.
Full-time employees	Full-time employees are those permanent, temporary and casual employees who normally work the agreed number of hours in their particular occupation or, if the agreed number of hours does not apply, who normally work 40 hours or more per week. This excludes the self-employed and working proprietors. (Refer to notes on number of employees below.)
Gross earnings	Gross earnings are payments for ordinary-time, standard or agreed hours during the reference period for all permanent, temporary, casual, managerial and executive employees before taxation and other deductions for the reference period. This includes salaries and wages; commission if a retainer, wage or salary was also paid; employer's contribution to pension, provident, medical aid, sick pay and other funds; allowances; etc., but excludes earnings of sole proprietors or partners of unincorporated businesses; commission where a retainer, wage or salary was not paid; payments to subcontractors and consultants who are not part of the enterprise; performance and others bonuses; overtime payments; and severance, termination and redundancy payments. Gross earnings in part 1 are the total sum of the earnings for the three months of the reference quarter (e.g. gross earnings of quarter ended September is the sum of total earnings of July, August and September).

Industries	Industries consist of groups of enterprises engaged in the same or similar kind of activity. The definition of industries is based on the <i>System of National Accounts (SNA)</i> and is in line with that in the <i>Standard Industrial Classification of all Economic Activities (SIC)</i> , Fifth Edition, and Report No. 09-09-02 of January 1993.
Informal sector	The informal sector consists of those businesses that are not registered in any way. They are generally small in nature, and are seldom run from business premises. Instead, they are generally run from homes, street pavements and other informal arrangements.
Number of employees	The number of employees is the number of people employed by the business who received payment (in salaries; wages; commission, in addition to a retainer, salary or wage; piece rates; or payments in kind) for any part of the reference period. This excludes independent contractors and consultants; working proprietors; sole and joint owners; and employees paid on a commission basis where a retainer, salary or wage was not paid. The number of employees refers to the number of people employed at the end of the reference period.
Ordinary-time hours	Ordinary-time hours are those hours actually worked during normal periods of work. These hours include hours of paid leave taken during the reference period (e.g. sick leave, annual leave) and hours of normal shift work. Ordinary-time hours paid for exclude overtime hours worked, hours relating to payment in advance and hours relating to back pay.
Overtime hours paid for	Overtime hours paid for are those hours worked in excess of ordinary-time hours, standard or agreed hours of work that were paid for in the reference period.
Overtime payments	Overtime payments refer to payment for hours worked and paid for in excess of ordinary-time hours, standard or agreed hours worked for the reference period. Penalty payments that relate to overtime are also included.
Part-time employees	Part-time employees are those permanent, temporary or casual employees who are not full-time employees as defined above or who normally work less than 40 hours per week. This excludes the self-employed at work or with an enterprise but temporarily not at work.
Performance and other bonuses	Performance and other bonuses cover seasonal, end-of-year and one-time bonuses and additional payments supplementary to normal payments.
	Performance and other bonuses include profit-sharing bonuses, merit bonuses, incentive bonuses, total amounts of payments that were paid during the reference period but relate to other pay periods, e.g. annual leave, thirteenth cheques. Performance and other bonuses exclude reimbursements for expenses incurred whilst conducting employer's business; severance, termination and redundancy payments.
Permanent employees	Permanent employees are employees appointed on an open-ended contract with no stipulated termination date, and who are entitled to benefits such as paid leave and medical aid contributions paid by employers. This excludes the self-employed at work.

Quarterly percentage change	A quarterly percentage change is the change in the employment, the gross earnings or the average monthly earnings of the given quarter/month compared with the employment, the gross earnings or the average monthly earnings of the previous quarter/month expressed as a percentage.
Reference quarter/month/period	Reference quarter/period in part 1 of this publication refers to the three months up to the end of March, June, September or December. Reference month/period in part 2 of this publication refers to the months of February, May, August or November.
Severance, termination and redundancy payments	Severance, termination and redundancy payments include payments of accumulated leave made to employees who finished work during the reference period as well as payments intended to compensate for loss of employment.
Temporary employees	Temporary employees are employees appointed on a short-term contract basis for periods normally not exceeding one year. Such contracts would typically stipulate a termination date, but could be renewed by mutual agreement between the employer and the employee. This excludes the self-employed with an enterprise but temporarily not at work.

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