



TRADE & INDUSTRIAL POLICY STRATEGIES

**DRAFT OF THE SOUTH AFRICAN
MEDICAL DEVICES MASTERPLAN – VALUE CHAIN 2024**

ANNEXURE 5: MANUFACTURING FINANCIAL DATA

Summary of key manufacturing statistics of medical and surgical equipment and orthopaedic appliances

The summary of key manufacturing statistics for South Africa’s medical and surgical equipment and orthopaedic appliances industry presented in this section is based on the statistics from the Manufacturing industry: Financial publication by Statistics South Africa (Stats SA). The publication uses data from periodic surveys for 2008, 2011, 2014, 2017 and 2021, conducted on enterprises registered for value-added tax (VAT) in the taxation system that are engaged mainly in manufacturing.

Table 1: Income in the manufacture of medical and surgical equipment and orthopaedic appliances, 2008–2021 in Rand

	2008	2011	2014	2017	2021
Total income medical and surgical equipment and orthopaedic appliances	1 382 000 000	2 420 000 000	1 252 000 000	2 295 000 000	2 848 000 000
Total manufacturing income	1 526 502 000 000	1 676 623 000 000	2 197 895 000 000	2 512 515 000 000	2 631 645 000 000
% contribution to income	0.09%	0.14%	0.06%	0.09%	0.11%

The total income in the manufacturing of medical and surgical equipment and orthopaedic appliance was R2.8 billion, an increase of 106% from 2008. Its share in total manufacturing has increased from 0.09% in 2008 to 0.11% in 2021.

Table 2: Profit margin in the manufacture of medical and surgical equipment and orthopaedic appliances, 2008–2021 in Rand

	2008	2011	2014	2017	2021
Net profit/loss after tax	110 000 000	100 000 000	160 000 000	252 000 000	334 000 000
Turnover	1 354 000 000	2 299 000 000	1 201 000 000	2 279 000 000	2 681 000 000
Profit margins	8.1%	4.3%	13.3%	11,1%	12.5%

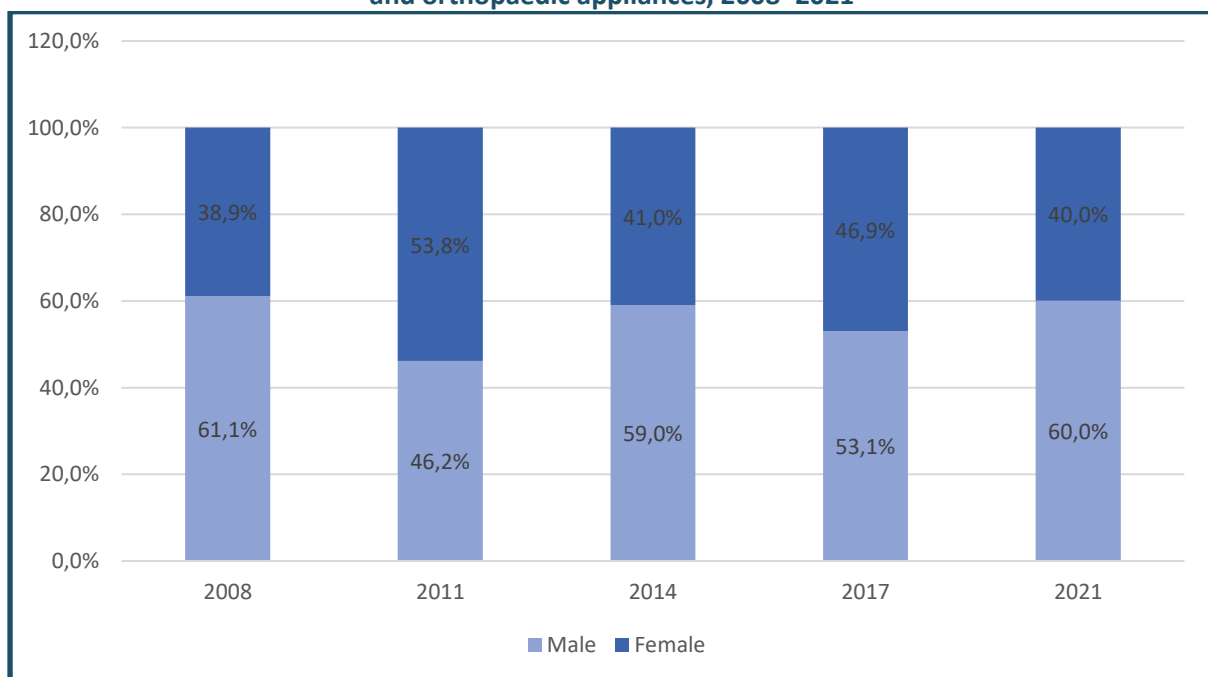
Profit margins for the industry were between 4.3% to 13.3%. In 2011, the lowest profit margin of 4.3% was recorded, with the next years experiencing increases up to 12.5% in 2021.

Table 3: Employment in the manufacture of medical and surgical equipment and orthopaedic appliances, 2008–2021

	2008	2011	2014	2017	2021
Male employees	2 331	2 115	1 193	1 392	1 776
Female employees	1 483	2 466	828	1 231	1 182
Total employees	3 814	4 581	2 021	2 623	2 958
Total manufacturing	1 344 170	1 295 052	1 190 436	1 183 506	1 092 417
% contribution to manufacturing industry	0.28%	0.35%	.,17%	0.22%	0.27%

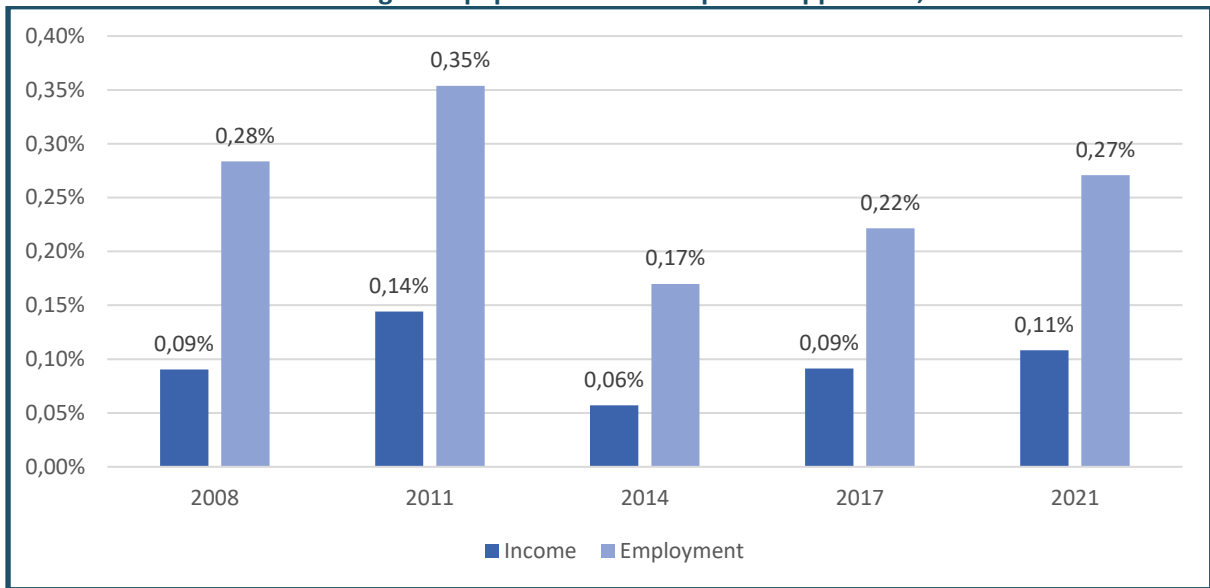
Total number of people employed in the manufacture of medical device was 2 958 in 2021 of 856 from 2008. The industry contributed about 0.3% of employment in the manufacturing industry in 2021.

Graph 1: Employment gender ratio in the manufacture of medical and surgical equipment and orthopaedic appliances, 2008–2021



The sector generally employs more males than females, with the exception of 2011 when the ratio of females employed out of the total number of persons employed in the sector was 53.8%, and that of men was 46.2%. In 2021, 60% of people employed in the manufacture of medical and surgical equipment and orthopaedic appliances in South Africa were male and 40% were female.

Graph 2: Income and employment (percentage contribution) in the manufacture of medical and surgical equipment and orthopaedic appliances, 2008–2021



The ratios of income and employment contribution to total manufacturing industry illustrate that the medical and surgical equipment and orthopaedic appliance manufacturing sector in South Africa contributes more to manufacturing employment compared to income. In 2021, the sector contributed 0.1% to total manufacturing income and 0.3% to total manufacturing employment.

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