

BENCHMARK RETIREMENT FUND

(NAMFISA registration number: 25/7/7/489)

SUMMARY OF THE 30 JUNE 2021 STATUTORY ACTUARIAL VALUATION

Introduction

1. We have been asked to carry out a statutory actuarial valuation of the Benchmark Retirement Fund (“the Fund”) for the year ending 30 June 2021.
2. The previous statutory actuarial valuation of the Fund was carried out by us as at 31 December 2019.
3. The statutory actuarial valuation reports are submitted to NAMFISA.

Purpose of the valuation

4. This valuation is carried out as at 30 June 2021. The purpose of this valuation is to determine whether:
 - 4.1 The Fund is administered in terms of the general rules and, where applicable, the special rules;
 - 4.2 All accounts established by the rules are maintained correctly;
 - 4.3 The investment portfolios held by the Fund are matched to the Fund’s liabilities as at the valuation date;
 - 4.4 All expense deductions are made in terms of the Fund’s rules and are in accordance with service level agreements and any marketing literature given to clients;
 - 4.5 Ad-hoc expenses are allowed for and are allocated on an equitable basis;
 - 4.6 The areas where the Fund’s rules give discretion to the administrator are dealt with in a consistent and equitable manner. These areas include expense charges, investment dates, disinvestment dates, late payment interest etc.;
 - 4.7 The Fund complies with legislation and service level agreements; and
 - 4.8 To meet the requirement of Section 16 of the Act that requires actuarial valuations of the Fund to be performed at intervals not exceeding 3 years.

Financially significant changes during the valuation period

Rules

5. Rule amendment 2, effective 1 February 2020 and approved 17 April 2020:
 - 5.1 Changes the Fund's financial year end to 30 June, from 30 June 2021 onwards; and
 - 5.2 Makes the default benefit on withdrawal of a member a cash benefit.
6. Rule amendment 3, effective 1 July 2020, was adopted to (subject to certain conditions being met):
 - 6.1 Allow participating employers and their members as well as members who are not employed by a participating employer to partially suspend and reduce payment of contributions; and
 - 6.2 Allow member and participating employers (and/or their members) who have suspended or reduced payment of contributions to continue participating in the Fund.
7. Rule amendment 4 is effective 1 December 2020 and was adopted to provide for the Fund to recover outstanding housing loans per the Pension Funds Act 2 of 1956 and incidental matters.
8. Rule amendment 5 was submitted after the valuation period and increases the General Reserve Account levy utilised to cover general fund expenses.

Participating employers

9. 4 participating employers (209, 210, 212 and 217) joined the Fund during the valuation period. Special rules were registered in respect of these new participating employers.
10. 2 participating employers (103 and 176) exited the Fund during the valuation period.
11. 2 new participating employers (211 and 213) with previous fund structure (PEWPFS) joined the Fund during the valuation period. There are now 3 PEWPFS participating employers in the Fund (including participating employer 171).
 - 11.1 Participating employer 171 employs investment smoothing and has defined benefit liabilities. We have carried out an actuarial valuation of the participating employer as at 30 June 2021 and confirm that this PEWPFS sub-fund is financially sound.
 - 11.2 Participating employers 211 and 213 allocated the actual returns earned each month and have no defined benefit liabilities. No separate actuarial valuation is required for these participating employers.
12. Section 14 transfer payments were received for participating employers 34, 125, 197, 202 and 210 during the valuation period. The transfer in respect of participating employer 197 was accrued for in the audited financial statements as at 31 December 2019 but was only received during the current valuation period. Additionally, a transfer value in respect of participating employer 212 has been accrued for in the audited financial statements but has not been received as at 30 June 2021.

13. Participating employers 23, 34, 56, 63, 75, 110, 139, 175 and 197 allocated portions of their Employer Reserve Account to their members' Shares during the valuation period.

Other

14. The Fund has made direct housing loans more widely available to participating employers. Participating employers 12, 14, 36, 44, 49, 65, 69, 75, 110, 119, 139, 156, 167, 171, 175, 197 and 210 had active housing loans as at the valuation date.

Investments during the valuation period

15. Participating employers, the small employer group (SEG), individual members and living annuitants can elect to invest their Shares in a range of 21 investment portfolios. Survivor annuitants are invested in the Old Mutual Absolute Stable Growth Portfolio.
16. To comply with Regulation 13, the Fund has invested in 3 special purpose vehicles that invest in unlisted investments. The special purpose vehicles are the Allegrow Capital Fund, the Caliber Capital Fund, IJG Frontier Investment Fund and Stimulus Investments. As at 30 June 2021 a total N\$81 996 504 had been called on and invested by the special purpose vehicles.
17. The unlisted investments are combined proportionately with each of the main investment portfolios offered by the Fund. The exceptions are:
 - 17.1 The Money Market Fund (CAM Investment Fund);
 - 17.2 The Old Mutual Namibia Absolute Stable Growth Portfolio;
 - 17.3 The Old Mutual Namibia Money Market Portfolio;
 - 17.4 The Old Mutual Namibia Profile Pinnacle Fund;
 - 17.5 The Old Mutual Namibia Segregated Portfolio;
 - 17.6 The Sanlam Namibia Active Fund;
 - 17.7 The Sanlam Namibia Absolute Return Plus portfolio; and
 - 17.8 The Sanlam Namibia Inflation Linked Fund.
18. The MMI annuity policy is also excluded from the Regulation 13 provisions.
19. As at 30 June 2021, the actual investment made to date in unlisted investments made up about 2.3% of each of the investment portfolios. For the purposes of this report, we include the unlisted investments with each of the main investment portfolios.

20. The 21 investment portfolios that were utilised during the valuation period, and the investment return earned during the valuation period, are shown in the following table:

Investment returns (gross of Fund fees and levies)	
Investment portfolio	18 months ending 30 Jun 2021
Allan Gray Namibia Balanced Fund	9.75%
Capricorn Investment Fund	8.13%
Capricorn Stable Fund	10.53%
Hangala Prescient Absolute Balanced Fund	14.46%
NAM Coronation Balanced Defensive Fund	12.90%
NAM Coronation Balanced Plus Fund	20.31%
NAM Coronation Capital Plus Fund	14.72%
Ninety One Namibian Managed Fund	14.83%
OM Namibia Absolute Stable Growth Portfolio	4.90%
OM Namibia Profile Pinnacle Fund	15.31%
OM Money Market Fund ⁴	2.12%
OM Segregated Portfolio ⁵	0.00%
Prudential Namibia Inflation Plus Fund	9.29%
Prudential Namibian Global Balanced Fund	13.99%
Sanlam Namibia Absolute Return Plus	6.45%
Sanlam Namibia Active Fund	8.54%
Sanlam Namibia Inflation Linked Fund	10.02%
Standard Bank Namibia Managed Fund	15.62%
Ninety One / Allan Gray Combined Portfolio ¹	12.23%
Default Portfolio ²	9.71%
Initial Drawdown Portfolio ³	10.02%

1. Made up of the Allan Gray Namibia Balanced Fund and the Ninety One Namibian Managed Fund Namibia.
 2. Made up of the Allan Gray Namibia Balanced Fund Trust, Prudential Namibia Inflation Plus Fund and the Sanlam Namibia Inflation Linked Fund.
 3. Made up of the Sanlam Namibia Inflation Linked Fund.
 4. Portfolio added 1 December 2020. The return is for the 7 months to 30 June 2021.
 5. Portfolio added 1 June 2021. The return is for the 1 month to 30 June 2021.
21. Two new investment portfolios were added, and none were removed, during the valuation period. There was no change to the constituent portfolios in any of the combined portfolios.

Investment based fees

22. Depending on the levies and fees applicable, the net investment return could be between 0.05% and 1.70% per annum lower than what is set out in the previous table.

Valuation information

23. The Fund is administered by Retirement Fund Solutions (Pty) Ltd who supplied us with the information and data set out below.
24. The following documents were examined:
 - 24.1 The revised general rules of the Benchmark Retirement Fund and the special rules of each participating employer of the Fund;
 - 24.2 The Fund's audited financial statements for the year ending 30 June 2021;
 - 24.3 The detailed trial balance underlying the audited financial statements;
 - 24.4 The quarterly investment reports prepared by the Fund's investment consultants (NMG);
 - 24.5 The monthly unit prices and portfolio values determined by the Fund's external investment administrator (Riscura);
 - 24.6 The statutory actuarial valuation report of the Fund as at 31 December 2019; and
 - 24.7 The individual member application forms for 20 randomly selected SEG members, individual members, living annuitants and survivor annuitants.
25. The following data was examined:
 - 25.1 In respect of each participating employer, records of every active member as well as of members who had exited in the past year;
 - 25.2 A record of each SEG member's, individual member's, living annuitant's and survivor annuitant's Share and the underlying investment portfolios;
 - 25.3 In respect of each participating employer, a summary of the contribution allocation to retirement and risk benefits and administration expenses;
 - 25.4 A schedule setting out the monthly unit price of each investment portfolio; and
 - 25.5 Schedules setting out the monthly investment returns and balances for each investment portfolio manager showing the investment return achieved by the Fund and the investment return allocated to the Fund's various accounts.
26. The Fund's detailed balance sheet as at 30 June 2021 is set out in Appendix 3.

Fund accounts

27. The liabilities of the Fund are accounted for in various accounts, namely the members' Share Account, the Employer Reserve Account, the Living Annuity Account, the Survivor Annuity Account, the Default Life Annuity Account and the General Reserve Account.

PEWPFS

28. In the case of a PEWPFS, there are additional accounts and reserves within the Employer Reserve Account. For the purpose of this valuation we have disclosed the entire accounts and reserves in respect of the PEWPFS as a single liability.

Members' Share Account

29. Members may participate in the Fund in one of 3 ways:
 - 29.1 As an employee of a participating employer;
 - 29.2 As an employee of a SEG; or
 - 29.3 As an individual member.
30. A member's Share is equal to the total net contributions and transfer values received in respect of the member during the period of membership, accumulated with the net investment return earned on the underlying portfolio(s) in which the member or participating employer elects to invest.
31. The sum of the members' Shares constitutes the members' Share Account.
32. Benefits and transfer values payable in respect of members are paid from the capital accumulated in the member's Share.

Employer Reserve Account

33. Participating employers' contributions towards reserves are paid into the Employer Reserve Account. This account is designed to absorb the impact of unfavourable experience and may consist of an investment, risk and data reserve. Unallocated surplus attributable to the participating employers is also transferred into this account.
34. The Employer Reserve Account can be utilised to meet the cost of benefits (through a contribution holiday) or to enhance member's Shares.

Living Annuity Account

35. The Living Annuity Account consists of the total transfer values received in respect of living annuitants, less any annuities paid and fees charged, accumulated with the net investment return earned on the underlying portfolio(s) in which the living annuitant elected to invest.
36. Benefits and transfer values payable in respect of living annuitants are paid from the capital accumulated in the Living Annuity Account.

Survivor Annuity Account

37. The Survivor Annuity Account consists of the total transfer values received in respect of survivor annuitants, less any annuities paid and fees charged, accumulated with the net investment return earned on the underlying portfolio(s) in which the Trustees decided to invest. The capital typically arises from the death lump sum benefits of a member of a retirement fund (including the Fund).
38. Benefits and transfer values payable in respect of survivor annuitants are paid from the capital accumulated in the Survivor Annuity Account.

Default Life Annuity Account

39. The annuities are provided through a with-profit annuity from MMI Namibia at a 4.0% post retirement interest rate.
40. The Fund's liability to pay the annuities is offset by the annuity policies.

General Reserve Account

41. The General Reserve Account represents all residual monies in the Fund that are not allocated to a particular member, participating employer, living annuitant or survivor annuitant.
42. The Fund's assets and accounts (liabilities) as at 30 June 2021 and 31 December 2019 are set out in the following table:

	N\$	
	30 Jun 2021	31 Dec 2019
Market value of assets	4 903 901 748	3 619 355 433
PEWPFS Account and Reserves	841 623 956	308 963 239
Members' Share Account	3 266 966 592	2 595 363 245
- Participating employers	2 493 491 363	1 969 608 026
- SEGs	252 260 611	229 308 302
- Individual members	521 214 618	396 446 917
Employer Reserve Account	10 032 208	13 116 710
Living Annuity Account	686 007 657	614 284 892
Survivor Annuity Account	83 099 659	70 048 201
Default Life Annuity	9 710 703	9 341 078
General Reserve Account	<u>6 460 973</u>	<u>8 238 068</u>
Total liabilities and reserves	4 903 901 748	3 619 355 433

Summary of findings

43. We have carried out a statutory actuarial valuation of the Benchmark Retirement Fund as at 30 June 2021.
44. We are satisfied that the data and supporting information provided to us is appropriate for the purposes of the valuation.
45. Based on our valuation, we confirm the following:
 - 45.1 The Fund is administered in terms of the general rules of the Fund and the special rules of the participating employers;
 - 45.2 The Share Account, Living Annuity Account, Survivor Annuity Account, Employer Reserve Account and the General Reserve Account established by the rules are maintained correctly;
 - 45.3 The investments of the Fund are well matched to the Fund's liabilities;
 - 45.4 Expense deductions and contributions toward risk benefits are made in terms of the Fund's rules and the special rules of the participating employers and in accordance with the service level agreement;
 - 45.5 Ad-hoc expenses are met from the General Reserve Account and the General Reserve Account balance of 0.13% of the Fund's assets is reasonable; and
 - 45.6 The Fund complies with legislation and service level agreements.
46. We recommend that the matching of assets and liabilities by investment portfolio is monitored regularly.
47. We wish to thank the administrator for their assistance in supplying us with the relevant information and assisting us with our queries.
48. The Fund is in a financially sound position as at the valuation date.



COLIN HENDRIKS (FASSA, FIA, FSAN)

VALUATOR

**In my capacity as a Director of
Strategic Actuarial Partners Namibia (Pty) Ltd**

Primary professional regulator: ASSA

14 March 2022

APPENDICES

APPENDIX 1: PARTICIPATING EMPLOYERS & PEWPFS

- A1.1. In order to confirm each participating employers' Share Account balance, we estimated the individual members' Shares based on the member data and investment portfolio returns supplied by the administrator. These estimates were successfully compared to each member's Share shown in the data as at the valuation date.
- A1.2. The individual estimates were then summed to obtain a Share Account estimate for each participating employer. The estimates and the actual Share Account shown in the financial statements as at 30 June 2021 are compared below. The Employer Reserve Accounts as at the valuation date are also set out below.

Employer Code	Share Account as at 30 June 2021 (N\$)		AFS / Data (%)	Employer Reserve Account (N\$)
	Per financial statements	Estimated based on data		
6	27 245 803	27 245 802	100%	505 972
12	40 364 091	40 364 093	100%	410 155
14	20 961 066	20 961 070	100%	333 217
23	63 207 010	63 206 887	100%	105 677
34	168 063 804	168 063 809	100%	290 412
36	56 985 760	56 985 759	100%	162 139
39	11 088 309	11 088 309	100%	42 589
44	53 841 275	53 841 268	100%	1 097 499
49	63 283 332	63 283 336	100%	251 267
54	13 849 173	13 849 173	100%	47 685
56	4 889 921	4 889 920	100%	3 360
57	27 730 839	27 730 835	100%	56 473
62	11 775 258	11 775 254	100%	97 194
63	19 531 042	19 531 040	100%	1 233
65	22 982 990	22 982 987	100%	169 707
66	23 377 585	23 377 590	100%	36 555
67	66 642 694	66 642 694	100%	27 499
69	66 139 532	66 139 536	100%	209 298
74	27 415 963	27 415 957	100%	393 723
75	9 979 273	9 979 272	100%	27 926
99	23 777 783	23 777 785	100%	43 869
104	10 965 337	10 965 334	100%	116 304
105	53 004 238	53 004 237	100%	72 614
107	49 879 797	49 879 795	100%	939 074
108	19 746 695	19 746 695	100%	32 247
109	16 232 129	16 232 129	100%	192 516
110	64 015 733	64 015 707	100%	112 551

Employer Code	Share Account as at 31 December 2019 (N\$)		AFS / Data (%)	Employer Reserve Account (N\$)
	Per financial statements	Estimated based on data		
114	156 587 282	156 587 277	100%	241 189
115	28 001 241	28 001 238	100%	101 944
117	10 233 092	10 233 093	100%	157 392
119	14 736 212	14 736 211	100%	140 935
120	26 662 552	26 662 554	100%	112 315
121	26 516 495	26 516 501	100%	62 517
122	45 069 085	45 069 088	100%	432 747
125	38 043 094	38 043 093	100%	114 962
127	13 238 944	13 238 940	100%	266 890
129	6 989 543	6 989 544	100%	39 074
135	19 495 214	19 495 209	100%	37 199
137	19 929 418	19 929 418	100%	40 792
138	17 430 756	17 430 756	100%	143 102
139	94 622 621	94 622 624	100%	271 414
142	45 465 254	45 465 253	100%	143 043
153	5 399 855	5 399 855	100%	25 352
154	4 516 614	4 516 615	100%	25 023
156	84 135 268	84 135 269	100%	389 483
157	17 728 678	17 728 678	100%	22 386
158	4 222 307	4 222 303	100%	19 749
160	7 539 611	7 539 611	100%	113 305
163	30 621 867	30 621 867	100%	88 552
164	73 947 304	73 947 301	100%	205 293
165	10 518 517	10 518 517	100%	24 291
166	22 170 401	22 170 401	100%	20 182
167	37 580 336	37 580 335	100%	38 121
168	5 307 946	5 307 946	100%	16 584
170	5 468 728	5 468 727	100%	9 262
172	17 266 403	17 266 403	100%	25 922
175	22 784 062	22 784 067	100%	8 237
197	105 958 335	105 958 335	100%	68 180
198	106 647 229	106 647 227	100%	73 352
202	20 208 508	20 208 508	100%	4 102
208	5 747 079	5 747 079	100%	16 302
209	708 402	708 402	100%	2 540
210	114 446 098	114 446 099	100%	14 907
212	190 136 463	190 136 463	100%	549 733
217	<u>434 123</u>	<u>434 123</u>	<u>100%</u>	<u>614</u>
Total	2 493 491 369	2 493 491 201	100%	10 032 208

A1.3. Based on the results set out in the preceding table, we are satisfied that the participating employer Share Accounts are correctly administered in terms of the Fund's rules.

A1.4. A summary of the participating employers' member Shares, salaries and service, by age and gender, is set out below.

Age band	Number	Shares (N\$) ¹		Annual salaries (N\$)		Average service (yrs)
		Total	Average	Total	Average	
Females						
< 25	149	2 352 836	15 791	14 719 093	98 786	1.53
25 - 29	783	39 421 837	50 347	107 372 056	137 129	2.52
30 - 34	969	103 025 998	106 322	166 010 781	171 322	3.62
35 - 39	888	143 658 187	161 777	163 659 024	184 301	4.34
40 - 44	711	169 751 309	238 750	155 861 599	219 215	5.31
45 - 49	546	191 219 406	350 219	122 908 087	225 106	6.49
50 - 54	374	164 658 860	440 264	93 679 582	250 480	7.67
55 - 59	260	146 578 441	563 763	68 064 099	261 785	8.36
> 60	<u>74</u>	<u>68 891 319</u>	<u>930 964</u>	<u>24 931 007</u>	<u>336 906</u>	<u>7.68</u>
Total	4 754	1 029 558 194	216 567	917 205 328	192 933	4.73
Males						
< 25	139	2 022 148	14 548	9 645 759	69 394	1.75
25 - 29	670	30 782 336	45 944	85 816 264	128 084	2.69
30 - 34	943	91 179 284	96 691	150 978 199	160 104	3.96
35 - 39	959	155 721 495	162 379	177 962 939	185 571	4.74
40 - 44	861	179 015 773	207 916	169 548 999	196 921	5.02
45 - 49	714	234 927 110	329 030	164 545 554	230 456	5.79
50 - 54	529	217 010 064	410 227	133 293 203	251 972	6.79
55 - 59	287	204 961 816	714 153	90 759 786	316 236	7.63
> 60	<u>71</u>	<u>144 732 137</u>	<u>2 038 481</u>	<u>32 298 435</u>	<u>454 908</u>	<u>8.28</u>
Total	5 173	1 260 352 163	243 640	1 014 849 137	196 182	4.86
TOTAL	9 927	2 289 910 357	230 675	1 932 054 465	194 626	4.80

1. The Shares reflected above are the actual invested amounts per member as at 30 June 2021. In particular, it excludes the contribution for June 2021 and any transfer in provisions which have not been invested as at 30 June 2021.

A1.5. A summary of the PEWPFS' member Shares, salaries and service, by age and gender, is set out below.

Age band	Number	Shares (N\$)		Annual salaries (N\$)		Average service (yrs)
		Total	Average	Total	Average	
Females						
< 25	49	1 139 352	23 252	5 384 565	109 889	1.42
25 - 29	157	13 639 380	86 875	22 762 425	144 984	4.17
30 - 34	178	26 518 068	148 978	32 816 019	184 360	5.29
35 - 39	149	41 930 474	281 413	36 133 029	242 504	7.57
40 - 44	125	65 577 559	524 620	35 929 677	287 437	10.39
45 - 49	99	67 286 796	679 665	32 779 975	331 111	10.54
50 - 54	64	85 234 385	1 331 787	18 830 916	294 233	17.59
55 - 59	36	51 468 884	1 429 691	11 542 581	320 627	14.94
> 60	<u>9</u>	<u>21 431 397</u>	<u>2 381 266</u>	<u>3 857 752</u>	<u>428 639</u>	<u>18.24</u>
Total	866	374 226 297	432 132	200 036 938	230 990	8.04
Males						
< 25	72	1 980 520	27 507	5 610 165	77 919	2.03
25 - 29	177	12 291 051	69 441	22 016 166	124 385	3.79
30 - 34	176	21 139 903	120 113	31 165 046	177 074	4.44
35 - 39	168	39 548 360	235 407	37 387 478	222 545	6.90
40 - 44	128	35 144 028	274 563	28 463 481	222 371	7.48
45 - 49	101	55 983 436	554 291	29 208 983	289 198	10.38
50 - 54	102	53 492 030	524 432	35 179 941	344 901	9.75
55 - 59	42	55 864 403	1 330 105	13 379 744	318 565	13.70
> 60	<u>5</u>	<u>9 259 100</u>	<u>1 851 820</u>	<u>2 665 415</u>	<u>533 083</u>	<u>12.93</u>
Total	971	284 702 831	293 206	205 076 418	211 201	6.58
TOTAL	1 837	658 929 128	358 698	405 113 356	220 530	7.27

APPENDIX 2: SEG MEMBERS, INDIVIDUAL MEMBERS AND ANNUITANTS

- A2.1. We compared the SEG member' and the individual members' Shares as stated in the financial statements to the total of all the SEG members' and the individual members' Shares as stated in the administrators' data.
- A2.2. We compared the pensioners' accounts shown in the financial statements to the total of all the living annuitants' and survivor annuitants' Shares shown in the data. The values tied up to within an acceptable difference.
- A2.3. The following table compares the individual members' Share Account, the SEG members' Share Account and the Living and Survivor Annuity Accounts as per the data with the figures shown in the financial statements as at 30 June 2021:

	30 June 2021 (N\$)		Difference (%)
	Financial statements	Data	
Individual members' Share Account	521 214 618	521 214 619	0.0%
SEG members' Share Account ²	249 569 730	249 597 678	0.0%
Living & Survivor Annuity Accounts ¹	<u>769 992 235</u>	<u>763 073 651</u>	<u>0.9%</u>
Total	1 540 776 583	1 533 885 948	0.4%

1. The value shown in the financial statements has been reduced by amounts that were received but not yet invested as at 30 June 2021.
2. The value shown in the financial statements has been reduced by the June 2021 contributions which had not been invested yet by 30 June 2021.

- A2.4. The individual member data is summarised as follows:

Age band	Number	Shares (N\$)	
		Total	Average
< 30	8	481 286	60 161
30 - 34	35	3 831 037	109 458
35 - 39	68	21 037 927	309 381
40 - 44	76	29 589 263	389 332
45 - 49	75	59 472 508	792 967
50 - 54	129	129 526 573	1 004 082
55 - 59	63	82 484 843	1 309 283
60 - 64	45	116 218 341	2 582 630
> 64	<u>26</u>	<u>78 572 841</u>	<u>3 022 032</u>
Total	525	521 214 619	992 790

A2.5. The SEG member data is summarised as follows:

Age band	Number	Shares (N\$)	
		Total	Average
< 25	48	525 336	10 944
25 - 29	170	6 460 044	38 000
30 - 34	221	19 871 515	89 916
35 - 39	215	29 060 209	135 164
40 - 44	144	29 833 568	207 178
45 - 49	141	34 800 464	246 812
50 - 54	101	34 240 937	339 019
55 - 59	68	30 898 152	454 385
60 - 64	18	59 145 900	3 285 883
> 64	<u>5</u>	<u>4 761 553</u>	<u>952 311</u>
Total	1 131	249 597 678	220 688

A2.6. The individual living annuitant data is summarised as follows:

Age band	Number	Shares (N\$)	
		Total	Average
<55	6	9 457 591	1 576 265
55 - 59	44	86 385 240	1 963 301
60 - 64	111	253 232 713	2 281 376
65 - 69	82	163 248 431	1 990 835
70 - 74	52	88 988 605	1 711 319
75 - 79	13	69 034 783	5 310 368
>80	<u>5</u>	<u>9 626 630</u>	<u>1 925 326</u>
Total	313	679 973 992	2 172 441

A2.7. The individual survivor annuitant data is summarised as follows:

Age band	Number	Shares (N\$)	
		Total	Average
0 - 4	20	3 326 414	166 321
5 - 9	72	8 579 894	119 165
10 - 14	99	13 376 912	135 120
15 - 19	98	6 748 320	68 860
20 - 24	122	8 301 708	68 047
25 - 29	86	6 709 147	78 013
30 - 34	66	5 744 626	87 040
35 - 39	39	2 841 962	72 871
40 - 44	38	5 108 442	134 433
45 - 49	56	5 283 011	94 339
50 - 54	42	5 834 206	138 910
55 - 59	47	5 074 983	107 978
60 - 64	29	2 359 959	81 378
65 - 69	13	1 038 763	79 905
70 - 74	19	1 028 613	54 138
75 - 79	15	459 344	30 623
> 79	<u>22</u>	<u>1 283 355</u>	<u>58 334</u>
Total	883	83 099 659	94 111

A2.8. There are 38 Default Life Annuitants as at 30 June 2021 with annual pensions amounting to N\$646 601. The annuities are provided through a with-profit annuity from MMI Namibia at a 4.0% post retirement interest rate.

A2.9. The table below summarises the data for all participating employer, PEWPFS and SEG active members in the Fund by age band:

Age band	Number	Number (%)	Cum. (%)	Shares (N\$)	Share (%)	Cum. (%)
< 25	457	3.5%	3.5%	8 020 192	0.3%	0.3%
25 - 29	1 957	15.2%	18.7%	102 594 648	3.2%	3.5%
30 - 34	2 487	19.3%	38.0%	261 734 768	8.2%	11.6%
35 - 39	2 379	18.4%	56.5%	409 918 726	12.8%	24.5%
40 - 44	1 969	15.3%	71.7%	479 322 238	15.0%	39.4%
45 - 49	1 601	12.4%	84.1%	584 217 212	18.3%	57.7%
50 - 54	1 170	9.1%	93.2%	554 636 277	17.3%	75.1%
55 - 59	693	5.4%	98.6%	489 771 697	15.3%	90.4%
≥ 60	<u>182</u>	<u>1.4%</u>	100.0%	<u>308 221 405</u>	<u>9.6%</u>	100.0%
Total	12 895	100.0%		3 198 437 162	100.0%	

APPENDIX 3: ASSET AND LIABILITY COMPARISON

- A3.1. We compared the total liability of the participating employers, SEGs, individual members, living annuitants and survivor annuitants to the assets held in respect of each of them by investment portfolio. Crucially, this shows whether the Fund has any mismatch between how its liabilities and assets will move in future.
- A3.2. From the portfolio schedule provided we could obtain the investment balance of each investment manager. We were also able to determine the allocation of each investment manager's balance to the participating employers, SEGs, individual members, living annuitants and survivor annuitant invested in that portfolio. The resulting asset values were used in the table below. Housing loans are reflected as a separate asset.
- A3.3. We split the liabilities of the participating employer (Share Account plus Employer Reserve Account) and SEG member, individual member, living annuitant and survivor annuitant liabilities according to their investment allocation.
- A3.4. The following table shows the participating employer and the combined SEG member, individual member, living annuitant and survivor annuitant asset and liability split between the investment portfolios. In our view, based on the results in the table, the Fund's assets and liabilities are well matched by investment portfolio as at the valuation date.

30 June 2021 N\$							%
Investment portfolio	Participating employer ¹		Ind. member / annuitant ²		Total		Assets / Liabilities
	Asset	Liability	Asset	Liability	Assets	Liabilities	
Allan Gray Namibia	642 281 837	637 149 894	369 916 973	369 916 973	1 012 198 810	1 007 066 862	101%
Capricorn Investment Fund	10 554 917	10 333 785	54 713 135	54 713 135	65 268 052	65 046 920	100%
Capricorn Stable Fund	0	0	24 364 050	24 423 007	24 364 050	24 423 007	100%
Default Portfolio:	1 244 130 224	1 235 965 430	236 406 849	236 406 849	1 480 537 073	1 472 372 280	101%
- Allan Gray Namibia Balanced Fund	630 690 012	626 551 013	119 842 309	119 842 309	750 532 321	746 393 322	101%
- Prudential Namibia Inflation Plus Fund	306 456 689	304 445 520	58 232 216	58 232 216	364 688 905	362 677 736	101%
- Sanlam Namibia Inflation Linked Fund	306 983 523	304 968 897	58 332 324	58 332 324	365 315 847	363 301 221	101%
Initial Drawdown Portfolio:	0	0	1 069 761	1 074 747	1 069 761	1 074 747	100%
- Sanlan Inflation Linked fund	0	0	1 069 761	1 074 747	1 069 761	1 074 747	100%
Hangala Prescient Absolute Balanced Fund	0	0	1 855 464	1 784 580	1 855 464	1 784 580	104%
MMI annuities	0	0	9 710 703	9 710 703	9 710 703	9 710 703	100%
NAM Coronation Balanced Plus Fund	18 211 183	19 829 454	23 654 439	23 654 439	41 865 622	43 483 893	96%
NAM Coronation Balanced Defensive Fund	0	0	7 489 515	7 409 635	7 489 515	7 409 635	101%
NAM Coronation Capital Plus Fund	0	0	2 268 422	2 268 421	2 268 422	2 268 421	100%
Nintey One Namibian Managed Fund	458 173 875	458 674 427	276 266 152	276 266 152	734 440 027	734 940 579	100%
Ninety One / AG Combined:	372 579 443	366 779 311	11 123 208	11 123 208	383 702 651	377 902 519	102%
- Allan Gray Namibia Balanced Fund	186 712 999	183 806 344	5 574 241	5 574 241	192 287 240	189 380 585	102%
- Nintey One Managed Namibia Fund	185 866 443	182 972 967	5 548 967	5 548 967	191 415 410	188 521 934	102%
Old Mutual Absolute Growth Portfolio	113 625 248	111 277 896	83 953 293	83 953 293	197 578 541	195 231 189	101%
Old Mutual Namibia Profile Pinnacle Fund	18 965 957	18 962 951	27 905 272	27 905 272	46 871 229	46 868 224	100%
Old Mututal Money Market Fund	761 786	761 786	0	0	761 786	761 786	100%
Old Mutual Segregated Portfolio	4 785 625	4 785 625	0	0	4 785 625	4 785 625	100%
Prudential Namibia Inflation Plus Fund	16 073 756	15 615 097	228 599 645	228 599 645	244 673 402	244 214 742	100%
Prudential Namibian Balanced Fund	32 564	32 566	23 680 927	23 680 927	23 713 491	23 713 494	100%
Sanlam Namibia Active Fund	10 237 247	10 181 171	20 976 902	20 976 902	31 214 149	31 158 073	100%
Sanlam Namibia Inflation Linked Fund	10 826 629	10 404 092	129 887 863	129 887 863	140 714 492	140 291 956	100%
Sanlam Namibia Absolute Return Plus	4 423 931	4 422 942	853 634	853 634	5 277 564	5 276 576	100%

30 June 2021 N\$							%
Investment portfolio	Participating employer ¹		Ind. member / annuitant ²		Total		Assets / Liabilities
	Asset	Liability	Asset	Liability	Assets	Liabilities	
Standard Bank Namibia Managed Fund	0	0	7 660 166	7 660 135	7 660 166	7 660 135	100%
Housing loans	26 459 743	26 758 154	2 158 399	2 158 399	28 618 142	28 916 554	99%
Net current assets ³	0	0	0	0	127 735 360	147 807 468	86%
General Reserve Account	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6 256 841</u>	<u>6 460 973</u>	97%
Total	3 137 990 407	3 114 907 549	1 550 063 740	1 549 976 887	4 630 630 938	4 630 630 938	

1. The participating employer liability includes the liability in respect of the PEWPFS, allocated to the relevant investment portfolios.

2. Includes the SEG category.

3. The Employer Reserve Accounts (with the exception of the PEWPFS) in the amount of N\$10 032 208 is included under the current liabilities.

APPENDIX 4: MEMBERSHIP RECONCILIATION

A4.1. The membership of the Fund is reconciled as follows during the valuation period:

Participating Employers (excluding PEWPFS)

Employer Code	Active 31.12.2019	New members	Deaths	Retired	Withdrawal	Active 30.06.2021
6	195	19	- 3	- 2	- 33	176
12	117	9	0	- 1	- 11	114
14	40	4	0	- 1	- 8	35
23	496	57	0	- 8	- 56	489
34	1 046	548	- 5	- 7	- 53	1 529
36	71	8	- 1	0	- 4	74
39	68	25	0	- 2	- 37	54
44	233	35	- 1	- 2	- 60	205
49	219	26	0	- 11	- 18	216
54	38	11	0	0	- 6	43
56	17	3	0	0	- 9	11
57	180	86	0	- 4	- 74	188
62	56	19	0	- 3	- 16	56
63	59	38	0	- 2	- 11	84
65	50	7	0	- 1	- 6	50
66	134	19	0	- 1	- 37	115
67	72	18	- 2	- 2	- 15	71
69	173	40	0	0	- 26	187
74	451	15	- 1	- 1	- 112	352
75	93	10	0	- 8	- 55	40
99	16	0	0	0	0	16
103	26	0	0	0	- 26	0
104	83	14	0	- 1	- 7	89
105	49	3	0	- 1	- 10	41
107	228	10	0	0	- 24	214
108	32	5	0	- 3	- 2	32
109	35	3	- 1	0	- 4	33
110	235	49	0	0	- 42	242
114	570	63	- 2	- 10	- 18	603
115	152	5	- 3	- 1	- 6	147
117	130	22	0	- 4	- 26	122
119	18	1	0	0	- 1	18
120	164	40	0	- 3	- 21	180
121	116	13	- 3	- 2	- 20	104
122	79	2	- 2	- 2	- 3	74

Employer Code	Active 31.12.2019	New members	Deaths	Retired	Withdrawal	Active 30.06.2021
125	975	180	- 3	- 4	- 181	967
127	83	14	- 1	- 1	- 29	66
129	12	2	0	- 1	- 4	9
135	148	13	0	- 2	- 15	144
137	62	4	0	0	- 4	62
138	71	3	0	0	- 14	60
139	117	5	- 1	- 3	- 3	115
142	68	17	0	0	- 21	64
153	25	2	0	0	- 11	16
154	108	8	0	- 2	- 14	100
156	157	19	0	- 5	- 21	150
157	29	10	0	0	- 6	33
158	77	35	0	0	- 13	99
160	138	12	0	- 1	- 56	93
163	267	87	0	0	- 79	275
164	108	16	0	- 3	- 8	113
165	34	4	0	- 1	- 11	26
166	25	0	0	- 1	- 3	21
167	36	9	0	0	- 1	44
168	42	5	0	0	- 2	45
170	25	2	0	- 2	- 4	21
172	32	11	0	- 3	- 2	38
175	106	14	- 3	0	- 12	105
176	129	1	0	0	- 130	0
197	146	15	- 3	- 1	- 12	145
198	245	43	- 5	- 11	- 28	244
202	38	4	0	0	- 4	38
208	69	10	0	- 1	- 12	66
209	0	21	0	0	- 2	19
210	0	170	0	0	- 1	169
212	0	496	0	- 1	- 22	473
217	<u>0</u>	<u>103</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>103</u>
Total	9 113	2 562	- 40	- 126	- 1 582	9 927

Individual members, SEG members, living annuitants and survivor annuitants

Type	Active 31.12.2019	New member	Retired	Death	Withdrawal	Active 30.06.2021
Individuals	489	178	- 36	- 5	- 101	525
SEGs	1 112	360	- 23	- 3	- 315	1 131
Living annuitants	274	53	- 3	- 11	0	313
Survivor annuitants	621	274	0	- 12	0	883