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REPUBLIC OF PALAU CIVIL SERVICE PENSION TRUST FUND (A COMPONENT UNIT OF THE REPUBLIC OF PALAU)

SCHEDULE OF EMPLOYER ALLOCATION, SCHEDULE OF PENSION AMOUNTS BY EMPLOYER, OTHER PENSION SCHEDULES AND INDEPENDENT AUDITORS' REPORT

YEARS ENDED SEPTEMBER 30, 2017 AND 2016



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#### **INDEPENDENT AUDITORS' REPORT**

Board of Trustees Republic of Palau Civil Service Pension Trust Fund

We have audited the accompanying schedule of employer allocations of the Republic of Palau Civil Service Pension Trust Fund (the Fund), a component unit of the Republic of Palau, as of and for the years ended September 30, 2017 and 2016, and the related notes. We have also audited the totals of the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense as of and for the years ended September 30, 2017 and 2016, included in the accompanying schedules of pension amounts by employer, the totals for all employers in the schedule of net pension liability sensitivity by employer (September 30, 2017), the schedule of allocable pension amortization by employer (September 30, 2017), and the schedule of employers' contributions by employer (September 30, 2017 and 2016) (other pension schedules), and the related notes.

### Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of these schedules in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedules that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express opinions on the schedule of employer allocations, the specified column totals included in the schedule of pension amounts by employer, and the specified column totals included in the other pension schedules based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer and other pension schedules are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of employer allocations, the specified column totals included in the schedule of pension amounts by employer and in the other pension schedules. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations, specified column totals included in the schedule of pension amounts by employer and other pension schedules, whether due to fraud or error.

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In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule of employer allocations, specified column totals included in the schedule of pension amounts by employer and other pension schedules in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedule of employer allocations, specified column totals included in the schedule of pension amounts by employer and other pension schedules.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### Opinion

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations of net pension liability, deferred outflows of resources, deferred inflows of resources, and employer pension expense for all participating entities for the Fund as of and for the years ended September 30, 2017 and 2016, in accordance with accounting principles generally accepted in the United States of America.

#### Emphasis of Matter

The Fund's actuarial valuation indicates that the Fund has a net pension liability of \$259,395,005 as of September 30, 2017, which, assuming current contribution rates, would cause the Fund's fiduciary net position to become negative in 2022.

Our opinion is not modified with respect to this matter.

#### Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, the financial statements of the Republic of Palau Civil Service Trust Fund as of and for the years ended September 30, 2017 and 2016, and our report thereon, dated April 27, 2018, expressed an unmodified opinion on those financial statements.

#### Restriction on Use

Our report is intended solely for the information and use of the management of Republic of Palau Civil Service Pension Trust Fund, the Board of Trustees, the participating employers of the Republic of Palau Civil Service Pension Trust Fund and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

March 12, 2019

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### Schedule of Employer Allocations September 30, 2017 and 2016

	20	17	2016		
	Total	Employer	Total	Employer	
Employer	Employer Contributions	Allocation Percentage	Employer Contributions	Allocation Percentage	
			<del></del> -		
Aimeliik State Agency Aimeliik State Government	\$ 3,156 12,829	0.0908% 0.3691%	\$ 2,182 11,106	0.0696% 0.3543%	
Aimeliik State Legislature	2,552	0.0734%	2,230	0.0711%	
Airai State Agency	10,434	0.3002%	8,507	0.2714%	
Airai State Government	6,817	0.1961%	6,514	0.2078%	
Airai State Legislature Airai State - Pan Fund	4,606 3,298	0.1325% 0.0949%	4,854 3,553	0.1549% 0.1134%	
Angaur State Agency	-	0.0000%	-	0.0000%	
Angaur State Government	13,176	0.3791%	12,407	0.3959%	
Angaur State Legislature	1,387	0.0399%	702	0.0224%	
Civil Service Pension Trust Fund Dongosaro Municipality - Sonsorol	11,599 2,135	0.3337% 0.0614%	10,688 1,753	0.3410% 0.0559%	
Fanna Municipality-Sonsorol State	468	0.011476	701	0.0224%	
Hatohobe State Agency	3,198	0.0920%	2,712	0.0865%	
Hatohobei State Government	4,841	0.1393%	4,080	0.1302%	
Hatohobei State Legislature	1,796 5,582	0.0517% 0.1606%	979 5,070	0.0312% 0.1618%	
Helen Reef Resource Management - Hatohobei State Kayangel State Government	14,256	0.4101%	12,448	0.1018%	
Kayangel State Legislature	1,733	0.0499%	1,007	0.0321%	
Koror State Government	293,070	8.4312%	262,310	8.3691%	
Koror State Legislature	7,448	0.2143%	7,020	0.2240%	
Melekeok State - PAN 1077 Melekeok State Agency	6,703 101	0.1928% 0.0029%	7,023 454	0.2241% 0.0145%	
Melekeok State Government	11,544	0.3321%	10,066	0.3212%	
Melekeok State Legislature	1,944	0.0559%	1,578	0.0503%	
Melekeok Legislature Staff	1,058	0.0304%	1,718	0.0548%	
Merir Municipality-Sonsorol State National Development Bank of Palau	1,278 24,540	0.0368% 0.7060%	872 23,081	0.0278% 0.7364%	
National Development Bank of Palau - SBDC	2,280	0.0656%	2,264	0.0722%	
Ngaraard State Government	15,938	0.4585%	15,388	0.4910%	
Ngaraard State Legislature	1,697	0.0488%	1,859	0.0593%	
Ngaraard State Pan Fund	166 1,076	0.0048% 0.0310%	- 917	0.0000% 0.0293%	
Ngardmau Free Trade Zone Authority Ngardmau State Agency	1,070	0.0000%	-	0.0000%	
Ngardmau State Government	24,420	0.7025%	22,106	0.7053%	
Ngardmau State Legislature	2,199	0.0633%	1,560	0.0498%	
Ngatpang State Government	9,043 1,831	0.2602% 0.0527%	6,524 1,763	0.2082% 0.0562%	
Ngatpang State Legislature Ngchesar State Agency	3,761	0.1082%	3,266	0.1042%	
Ngchesar State Government	6,572	0.1891%	7,149	0.2281%	
Ngchesar State Legislature	648	0.0186%	624	0.0199%	
Ngerchelong State Agency	5,125 10,176	0.1474% 0.2927%	4,046 11,372	0.1291% 0.3628%	
Ngerchelong State Government Ngerchelong State Legislature	2,364	0.0680%	1,919	0.3628%	
Ngerchelong State Operation	2,501	0.0720%		0.0000%	
Ngeremlengui State Government	17,839	0.5132%	17,479	0.5577%	
Ngeremlengui State Legislature	2,216	0.0638%	2,161	0.0689%	
Ngiwal State - Pan Fund Ngiwal State Agency	2,314 5,176	0.0666% 0.1489%	2,769 5,928	0.0883% 0.1891%	
Ngiwal State Government	7,108	0.2045%	5,848	0.1866%	
Ngiwal State Legislature	2,132	0.0613%	1,708	0.0545%	
Palau Community Action Agency	85,879	2.4706%	69,828	2.2279%	
Palau Community College Palau Housing Authority	156,335 4,833	4.4975% 0.1390%	150,556 4,527	4.8036% 0.1444%	
Palau International Coral Reef Center	28,117	0.8089%	26,111	0.8331%	
Palau National Communications Corporation	114,435	3.2921%	100,271	3.1992%	
Palau Public Utilities Corporation	142,920	4.1116%	113,216	3.6122%	
Palau Public Utilities Corporation - Waste & Water Operation Palau Water & Sewer Corporation	99,017 2,019	2.8486% 0.0581%	87,894	2.8043% 0.0000%	
Palau Visitors Authority	10,690	0.3075%	10,654	0.3399%	
Peleliu State Government	26,428	0.7603%	21,393	0.6826%	
Peleliu State Legislature	2,916	0.0839%	1,743	0.0556%	
Pulo Anna Municipality-Sonsorol State	903	0.0260%	1,105	0.0353%	
Republic of Palau Government Social Security Retirement Fund	2,179,691 38,909	62.7064% 1.1194%	1,982,972 37,247	63.2675% 1.1884%	
Sonsorol State Agency	451	0.0130%	407	0.0130%	
Sonsorol State Government	2,937	0.0845%	2,842	0.0907%	
Sonsorol State Legislature	1,401	<u>0.0403</u> %	1,231	<u>0.0393</u> %	
	\$ 3,476,012	100.0000%	\$ 3,134,262	100.0000%	
		_		_	

### Schedule of Pension Amounts by Employer September 30, 2017

		Deferred Outflows of Resources				
		Differences	Net Difference Between		Change in Proportion and Difference Between Employer	
Employer	Net Pension Liability as of 09/30/17	Between Expected and Actual Experience	Projected and Actual Earnings on Investments	Change of Assumptions	Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources
Aimeliik State Agency	\$ 235,515	\$ 21,681	\$ 1,297	\$ 27,539	\$ 106,052	\$ 156,569
Aimeliik State Government Aimeliik State Legislature	957,354 190,440	88,132 17,531	5,271 1,048	111,943 22,268	145,151 19,073	350,497 59,920
Airai State Agency	778,631	71,679	4,287	91,045	197,046	364,057
Airai State Government Airai State Legislature	508,715 343,719	46,831 31,642	2,801 1,892	59,484 40,191	- 30,637	109,116 104,362
Airai State - Pan Fund	246,111	22,656	1,355	28,778	157,251	210,040
Angaur State Agency Angaur State Government	983,250	90,515	- 5,413	- 114,971	970 161,994	970 372,893
Angaur State Legislature	103,504	9,528	570	12,103	33,781	55,982
Civil Service Pension Trust Fund Dongosaro Municipality - Sonsorol	865,567 159,323	79,682 14,667	4,765 877	101,210 18,630	24,262 94,236	209,919 128,410
Fanna Municipality-Sonsorol State	34,925	3,215	192	4,084	30,443	37,934
Hatohobe State Agency Hatohobei State Government	238,649 361,257	21,969 33,256	1,314 1,989	27,905 42,242	96,255 19,407	147,443 96,894
Hatohobei State Legislature	134,024	12,338	738	15,671	38,695	67,442
Helen Reef Resource Management - Hatohobei State	416,552	38,347	2,293	48,707	8,289	97,636
Kayangel State Government	1,063,844	97,935	5,857	124,395	128,069	356,256
Kayangel State Legislature Koror State Government	129,324 21,870,148	11,905 2,013,310	712 120,407	15,122 2,557,264	48,875 2,247,075	76,614 6,938,056
Koror State Legislature	555,803	51,166	3,060	64,990	-	119,216
Melekeok State - PAN 1077 Melekeok State Agency	500,207 7,538	46,048 694	2,754 42	58,489 881	262,882 75,638	370,173 77,255
Melekeok State Government	861,464	79,304	4,743	100,730	20,728	205,505
Melekeok State Legislature Melekeok Legislature Staff	145,069 78,952	13,355 7,268	799 435	16,963 9,232	16,668 62,681	47,785 79,616
Merir Municipality-Sonsorol State	95,369	8,779	525	11,151	57,223	77,678
National Development Bank of Palau National Development Bank of Palau - SBDC	1,831,279 170,142	168,583 15,663	10,082 937	214,130 19,895	7,949 9,859	400,744 46,354
Ngaraard State Government	1,189,362	109,490	6,548	139,071	157,497	412,606
Ngaraard State Legislature Ngaraard State Pan Fund	126,637 12,389	11,658 1,140	697 68	14,808 1,449	36,595 9,045	63,758 11,702
Ngardmau Free Trade Zone Authority	80,296	7,392	442	9,389	10,544	27,767
Ngardmau State Agency Ngardmau State Government	- 1,822,325	- 167,759	10,033	- 213,083	- 185,143	- 576,018
Ngardmau State Legislature	164,098	15,106	903	19,188	49,235	84,432
Ngatpang State Government Ngatpang State Legislature	674,826 136,636	62,123 12,578	3,715 752	78,907 15,977	165,915 33,426	310,660 62,733
Ngchesar State Agency	280,663	25,837	1,545	32,818	47,947	108,147
Ngchesar State Government Ngchesar State Legislature	490,430 48,356	45,148 4,452	2,700 266	57,346 5,654	43,816 2,713	149,010 13,085
Ngerchelong State Agency	382,449	35,207	2,106	44,720	140,885	222,918
Ngerchelong State Government Ngerchelong State Legislature	759,376 176,412	69,906 16,240	4,181 971	88,793 20,628	31,976 35,624	194,856 73,463
Ngerchelong State Operation	186,635	17,181	1,028	21,823	136,256	176,288
Ngeremlengui State Government Ngeremlengui State Legislature	1,331,223 165,367	122,549 15,223	7,329 910	155,659 19,336	202,467 616	488,004 36,085
Ngiwal State - Pan Fund	172,682	15,897	951	20,192	68,673	105,713
Ngiwal State Agency	386,255	35,558	2,127	45,165	167,911	250,761
Ngiwal State Government Ngiwal State Legislature	530,429 159,100	48,830 14,646	2,920 876	62,023 18,603	93,447 28,099	207,220 62,224
Palau Community Action Agency Palau Community College	6,408,662 11,666,392	589,965 1,073,978	35,283 64,230	749,361	1,081,637	2,456,246 2,502,353
Palau Housing Authority	360,660	33,201	1,986	1,364,145 42,172	1,297	78,656
Palau International Coral Reef Center Palau National Communications Corporation	2,098,212	193,156	11,552	245,343	172,123	622,174
Palau Public Utilities Corporation	8,539,634 10,665,306	786,137 981,821	47,015 58,718	998,535 1,247,088	176,015 945,744	2,007,702 3,233,371
Palau Public Utilities Corporation - Waste & Water	7 200 074	600 210	40.601	864,000	467.052	2.052.052
Operation Palau Water & Sewer Corporation	7,389,074 150,667	680,219 13,870	40,681 830	864,000 17,617	467,953 99,945	2,052,853 132,262
Palau Visitors Authority Peleliu State Government	797,733	73,437	4,392	93,278	-	171,107
Peleliu State Legislature	1,972,172 217,604	181,553 20,032	10,858 1,198	230,605 25,444	246,303 58,691	669,319 105,365
Pulo Anna Municipality-Sonsorol State Republic of Palau Government	67,386	6,203	371	7,879	51,977	66,430
Social Security Retirement Fund	162,657,949 2,903,556	14,973,879 267,294	895,517 15,986	19,019,500 339,511	6,875,250 38,196	41,764,146 660,987
Sonsorol State Agency	33,657	3,098	185	3,935	2,287	9,505
Sonsorol State Government Sonsorol State Legislature	219,171 104,549	20,176 9,625	1,207 576	25,627 12,225	80,177 5,539	127,187 27,965
<del>-</del>	\$ 259,395,005	\$ 23,879,243	\$ 1,428,108	\$ 30,330,910	\$ 16,052,153	\$ 71,690,414

# Schedule of Pension Amounts by Employer, Continued September 30, 2017

	Dei	ferred Inflows of Res	sources			Pension Expense	
Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Investments	Change of Assumptions	Change in Proportion and Difference Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Plan Expense Proportion	Net Amortization of Deferred Amounts Due to Change in Proportion and Difference Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
\$ (4,603)				\$ (28,065)		\$ 28,901	\$ 43,687
(18,711) (3,722) (15,218) (9,943) (6,718) (4,810)	(4,678) (931) (3,805) (2,486) (1,680) (1,203)	(90,692) (18,041) (73,761) (48,192) (32,561) (23,315)	(50,240) (18,594) (3,387) (200,775) (88,534) (71,589) (2,797)	(164,321) (41,288) (96,171) (261,396) (129,493) (100,917) (2,797)	11,956 48,884 31,938 21,579 15,451	7,495 1,624 52,361 (56,139) (17,815) 27,478 (311)	67,599 13,580 101,245 (24,201) 3,764 42,929 (311)
(19,218) (2,023) (16,917) (3,114) (683) (4,664) (7,061) (2,619)	(4,805) (506) (4,230) (779) (171) (1,166) (1,765) (655)	(93,145) (9,805) (81,997) (15,093) (3,309) (22,608) (34,223) (12,696)	(32,625) (4,965) (109,620) (16,858) (20,737) (14,759)	(149,793) (17,299) (212,764) (18,986) (21,021) (28,438) (63,786) (30,729)	6,498 54,342 10,003 2,193 14,983 22,680	38,513 4,993 (10,690) 19,142 3,942 22,649 (1,168) 501	100,243 11,491 43,652 29,145 6,135 37,632 21,512 8,915
(8,141) (20,793) (2,528) (427,450) (10,863) (9,777)	(2,036) (5,199) (632) (106,876) (2,716) (2,444)	(39,461) (100,780) (12,251) (2,071,807) (52,652) (47,386)	(41,652) (21,188) (10,574) - (118,277) (59,153)	(91,290) (147,960) (25,985) (2,606,133) (184,508) (118,760)	26,152 66,790 8,119 1,373,038 34,894 31,404	(5,872) 56,141 5,272 816,390 (33,727) 57,300	20,280 122,931 13,391 2,189,428 1,167 88,704
(147) (16,837) (2,835) (1,543) (1,864) (35,792) (3,325)	(37) (4,210) (709) (386) (466) (8,949) (831)	(714) (81,608) (13,743) (7,479) (9,035) (173,481) (16,118)	(311,731) (119,068) (8,148) (46,165) (148,113) (40,197)	(312,629) (221,723) (25,435) (55,573) (11,365) (366,335) (60,471)	9,108 4,957 5,987 114,970	(13,768) (41,974) 3,494 8,421 11,491 (33,470) (2,728)	(13,295) 12,110 12,602 13,378 17,478 81,500 7,954
(23,246) (2,475) (242) (1,569)	(5,812) (619) (61) (392)	(112,671) (11,997) (1,174) (7,607)	(68,737) (49,234) - (3,380) (18,872)	(210,466) (64,325) (1,477) (12,948) (18,872)	74,670 7,950 778 5,041	40,519 6,677 1,551 5,539 (13,609)	115,189 14,627 2,329 10,580 (13,609)
(35,617) (3,207) (13,189) (2,671) (5,486) (9,585)	(8,905) (802) (3,298) (668) (1,372) (2,397)	(172,633) (15,545) (63,928) (12,944) (26,588) (46,460)	(5,252) (4,975) (96,654) (6,768) (18,612) (139,365)	(222,407) (24,529) (177,069) (23,051) (52,058) (197,807)	10,302 42,367 8,578 17,620 30,790	73,561 8,990 31,802 16,888 31,253 (2,010)	187,969 19,292 74,169 25,466 48,873 28,780
(945) (7,475) (14,842) (3,448) (3,648) (26,019)	(236) (1,869) (3,711) (862) (912) (6,505)	(4,581) (36,230) (71,937) (16,712) (17,680) (126,110)	(4,916) - (180,210) (3,627) - (167,841)	(10,678) (45,574) (270,700) (24,649) (22,240) (326,475)	24,011 47,675 11,075 11,717 83,576	46,821 (14,372) 9,340 23,371 47,610	3,036 70,832 33,303 20,415 35,088 131,186
(3,232) (3,375) (7,549) (10,367) (3,110) (125,257)	(808) (844) (1,888) (2,592) (777) (31,318)	(15,666) (16,359) (36,591) (50,249) (15,072) (607,107)	(44,299) (46,667) (76,184) (47,049) (37,743) (17,264)	(64,005) (67,245) (122,212) (110,257) (56,702) (780,946)	10,841 24,250 33,301 9,989 402,345	(11,126) 21,032 46,176 (4,790) 3,310 288,643	(744) 31,873 70,426 28,511 13,299 690,988
(228,019) (7,049) (41,009) (166,906) (208,453)	(57,012) (1,762) (10,254) (41,732) (52,120)	(1,105,183) (34,166) (198,768) (808,978) (1,010,348)	(1,443,964) (35,509) (212,937) (619,516) (360,181)	(2,834,178) (78,486) (462,968) (1,637,132) (1,631,102)	732,432 22,643 131,729 536,130 669,583	(393,045) (7,787) (8,036) (185,133) 26,500	339,387 14,856 123,693 350,997 696,083
(144,419) (2,945) (15,592) (38,546) (4,253) (1,317)	(36,109) (736) (3,898) (9,638) (1,063) (329)	(699,983) (14,273) (75,571) (186,828) (20,614) (6,384)	(343,956) - (166,178) - (26,013) (17,570)	(1,224,467) (17,954) (261,239) (235,012) (51,943) (25,600)	50,083	59,450 18,499 (48,977) 63,503 7,504 7,898	523,346 27,958 1,106 187,319 21,165 12,129
(3,179,138) (56,750) (658) (4,284) (2,043)	(794,885) (14,189) (164) (1,071) (511)	(15,408,941) (275,060) (3,188) (20,763) (9,904)	(9,864,400) (215,752) (4,741) (136,664) (7,377)	(29,247,364) (561,751) (8,751) (162,782) (19,835)	10,211,886 182,289	(1,118,250) (35,014) (809) 7,726 349	9,093,636 147,275 1,304 21,486 6,913
\$ (5,069,854)	\$ (1,267,623)	\$ (24,573,057)	\$ (16,052,153)	\$ (46,962,687)	\$ 16,285,176	\$ -	\$ 16,285,176

### Schedule of Pension Amounts by Employer September 30, 2016

		Deferred Outflows of Resources				
	Net Pension	Differences Between Expected	Net Difference Between Projected and Actual		Change in Proportion and Difference Between Employer Contributions and Proportionate	Total Deferred
Employer	Liability as of 09/30/16	and Actual Experience	Earnings on Investments	Change of Assumptions	Share of Contributions	Outflows of Resources
Aimeliik State Agency	\$ 173,665	\$ -	\$ 1,491	\$ 26,616	\$ 87,973	\$ 116,080
Aimeliik State Government	883,920	- -	7,591	135,470	141,887	284,948
Aimeliik State Legislature Airai State Agency	177,484	-	1,524 5,814	27,201	21,550	50,275 298,555
Airai State Agency Airai State Government	677,068 518,445	-	4,452	103,768 79,457	188,973 -	83,909
Airai State Legislature	386,327	-	3,318	59,209	38,637	101,164
Airai State - Pan Fund Angaur State Agency	282,781	- -	2,428	43,339	198,308 1,931	244,075 1,931
Angaur State Government	987,466	-	8,480	151,339	206,774	366,593
Angaur State Legislature Civil Service Pension Trust Fund	55,873 850,650	-	480 7,305	8,563 130,371	1,259 48,286	10,302 185,962
Dongosaro Municipality - Sonsorol	139,520	-	1,198	21,383	101,196	123,777
Fanna Municipality-Sonsorol State	55,793	-	479	8,551	37,277	46,307
Hatohobe State Agency Hatohobei State Government	215,848 324,724	-	1,854 2,789	33,081 49,767	106,760 4,343	141,695 56,899
Hatohobei State Legislature	77,917	-	669	11,942	-	12,611
Helen Reef Resource Management - Hatohobei State	403,519	_	3,465	61,844	16,496	81,805
Kayangel State Government	990,729	-	8,508	151,839	160,400	320,747
Kayangel State Legislature Koror State Government	80,147 20,877,089	-	688 179,280	12,283 3,199,631	18,472	31,443 6,304,605
Koror State Legislature	558,717	-	4,798	85,629	2,925,694	90,427
Melekeok State - PAN 1077	558,956	-	4,800	85,666	330,328	420,794
Melekeok State Agency Melekeok State Government	36,133 801,146	-	310 6,880	5,538 122,784	139,861	145,709 129,664
Melekeok State Legislature	125,593	-	1,079	19,248	9,620	29,947
Melekeok Legislature Staff Merir Municipality-Sonsorol State	136,736 69,403	-	1,174 596	20,956 10,637	79,020 48,871	101,150 60,104
National Development Bank of Palau	1,837,001	-	15,775	281,540	15,819	313,134
National Development Bank of Palau - SBDC	180,191	-	1,547	27,616	15,095	44,258
Ngaraard State Government Ngaraard State Legislature	1,224,722 147,956	-	10,517 1,271	187,701 22,676	210,066 52,759	408,284 76,706
Ngaraard State Pan Fund	-	-	-	-	-	-
Ngardmau Free Trade Zone Authority Ngardmau State Agency	72,983	-	627	11,185	13,098	24,910
Ngardmau State Agency Ngardmau State Government	1,759,404	-	15,109	269,647	259,605	544,361
Ngardmau State Legislature	124,158	-	1,066	19,029	30,047	50,142
Ngatpang State Government Ngatpang State Legislature	519,241 140,315	-	4,459 1,205	79,579 21,505	103,199 51,475	187,237 74,185
Ngchesar State Agency	259,939	-	2,232	39,838	74,266	116,336
Ngchesar State Government Ngchesar State Legislature	568,985 49,664	-	4,886 426	87,203 7,611	68,036 3,646	160,125 11,683
Ngerchelong State Agency	322,018	-	2,765	49,353	146,996	199,114
Ngerchelong State Government	905,091	-	7,772	138,715	50,201	196,688
Ngerchelong State Legislature Ngerchelong State Operation	152,733	-	1,312	23,408	31,265	55,985 -
Ngeremlengui State Government	1,391,142	-	11,946	213,207	286,357	511,510
Ngeremlengui State Legislature Ngiwal State - Pan Fund	171,994 220,383	-	1,477 1,893	26,360 33,776	1,224 98,196	29,061 133,865
Ngiwal State Agency	471,805	-	4,052	72,309	227,154	303,515
Ngiwal State Government Ngiwal State Legislature	465,439	-	3,997	71,333	76,696	152,026
Palau Community Action Agency	135,937 5,557,567	-	1,167 47,725	20,834 851,755	29,912 848,865	51,913 1,748,345
Palau Community College	11,982,658	-	102,900	1,836,467	-	1,939,367
Palau Housing Authority Palau International Coral Reef Center	360,301 2,078,159	-	3,094 17,846	55,220 318,499	2,583 215,581	60,897 551,926
Palau National Communications Corporation	7,980,506	-	68,532	1,223,096	-	1,291,628
Palau Public Utilities Corporation Palau Public Utilities Corporation - Waste & Water	9,010,791	-	77,379	1,380,997	-	1,458,376
Operation	6,995,429	-	60,072	1,072,122	575,079	1,707,273
Palau Water & Sewer Corporation	-	-	-	-	-	-
Palau Visitors Authority Peleliu State Government	847,946 1,702,655	-	7,282 14,621	129,957 260,950	137,324	137,239 412,895
Peleliu State Legislature	138,724	-	1,191	21,261	10,229	32,681
Pulo Anna Municipality-Sonsorol State Republic of Palau Government	87,947 157,823,499	-	755 1,355,295	13,479 24,188,091	62,889 6,564,122	77,123 32,107,508
Social Security Retirement Fund	2,964,466	-	25,457	454,335	53,276	533,068
Sonsorol State Agency Sonsorol State Government	32,394	-	278	4,965	2,915	8,158
Sonsorol State Government Sonsorol State Legislature	226,192 97,976	-	1,942 841	34,666 15,016	117,016 5,532	153,624 21,389
	\$ 249,453,960	\$ -	\$ 2,142,161	\$ 38,231,413	\$ 15,354,439	\$ 55,728,013
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# Schedule of Pension Amounts by Employer, Continued September 30, 2016

	Def	erred Inflows of Re	sources				Pension Expense		
Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Investments	Change of Assumptions	Change in Proportion and Difference Between Employer Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources		Plan Expense Proportion	Net Amortization of Deferred Amounts Due to Change in Proportion and Difference Between Employer Contributions and Proportionate Share of Contributions		Total Employer Pension Expense
\$ (4,451) (22,655) (4,549) (17,353) (13,288) (9,902) (7,248)	\$ (338) (1,718) (345) (1,316) (1,008) (751) (550)	\$ (4,107) (20,904) (4,197) (16,012) (12,261) (9,136) (6,687)	\$ - (72,161) (24,479) (6,742) (230,921) (64,739) (44,166) (4,069)	\$ (8,896) (117,438) (33,570) (41,423) (257,478) (84,528) (58,651) (4,069)	\$	9,067 46,150 9,267 35,350 27,068 20,170 14,764	\$ 22,023 2,710 887 43,021 (52,333) (10,551) 33,481 (311)	\$	31,090 48,860 10,154 78,371 (25,265) 9,619 48,245 (311)
(25,309) (1,432) (21,802) (3,576) (1,430) (5,532) (8,323) (1,997)	(1,920) (109) (1,654) (271) (108) (420) (631) (151)	(23,352) (1,321) (20,117) (3,299) (1,319) (5,104) (7,679) (1,843)	(1,629) (6,284) (128,098) - - - (27,019) (20,895)	(52,210) (9,146) (171,671) (7,146) (2,857) (11,056) (43,652) (24,886)		51,556 2,917 44,413 7,284 2,913 11,270 16,954 4,068	43,969 (693) (8,313) 17,358 6,834 20,871 (4,122) (6,136)		95,525 2,224 36,100 24,642 9,747 32,141 12,832 (2,068)
(10,342) (25,393) (2,054) (535,086) (14,320) (14,326) (926) (20,534) (3,219) (3,505) (1,779) (47,083) (4,618) (31,390) (3,792)	(784) (1,926) (1,926) (40,582) (1,086) (1,087) (70) (1,557) (244) (266) (135) (3,571) (350) (2,381) (288)	(9,543) (23,429) (1,895) (493,715) (13,213) (13,219) (855) (18,946) (2,970) (3,234) (1,641) (43,443) (4,261) (28,963) (3,499)	(53,124) (26,144) (14,228) - (130,469) - (364,033) (164,597) (9,983) - - (121,947) (33,425) (8,800) (35,444)	(73,793) (76,892) (18,333) (1,069,383) (159,088) (28,632) (365,884) (205,634) (16,416) (7,005) (3,555) (216,044) (42,654) (71,534) (43,022)		21,068 51,727 4,185 1,090,007 29,171 29,183 1,887 41,828 6,557 7,139 3,624 95,911 9,408 63,944 7,725	(5,490) 51,929 (486) 796,219 (30,574) 67,446 (10,007) (45,529) 1,682 16,339 8,586 (23,586) (570) 51,059		15,578 103,656 3,699 1,886,226 (1,403) 96,629 (8,120) (3,701) 8,239 23,478 12,210 72,325 8,838 115,003 17,810
(1,871) (45,094) (3,182) (13,308) (3,596) (6,662) (14,583) (1,273) (8,253) (23,198) (3,915)	(142) (3,420) (241) (1,009) (273) (505) (1,106) (97) (626) (1,759) (297)	(1,726) (41,608) (2,936) (12,279) (3,318) (6,147) (13,456) (1,174) (7,615) (21,404) (3,612)	(4,161) (32,481) (6,726) (117,508) (22,543) (79,014) (3,038) (57,329) (4,974)	(7,900) (32,481) (90,122) (13,085) (144,104) (7,187) (35,857) (108,159) (5,582) (16,494) (103,690) (12,798)		3,810 91,860 6,482 27,110 7,326 13,572 29,707 2,593 16,813 47,255 7,974	4,988 (13,609) 74,462 4,608 14,910 18,049 29,955 10,667 412 40,861 8,392 7,137		8,798 (13,609) 166,322 11,090 42,020 25,375 43,527 40,374 3,005 57,674 55,647
(35,655) (4,408) (5,648) (12,092) (11,929) (3,484) (142,442) (307,119) (9,235) (53,264) (204,543) (230,949)	(2,704) (334) (428) (917) (905) (264) (10,803) (23,293) (700) (4,040) (15,513) (17,516)	(32,899) (4,067) (5,212) (11,158) (11,007) (3,215) (131,429) (283,374) (8,521) (49,146) (188,728) (213,093)	(105,456) (44,502) (6,848) (74,809) (51,424) (34,357) (1,158,088) (32,608) (210,750) (834,840) (495,901)	(176,714) (53,311) (18,136) (24,167) (98,650) (58,387) (319,031) (1,771,874) (51,064) (317,200) (1,243,624) (957,459)		72,632 8,980 11,506 24,633 24,301 7,097 290,164 625,623 18,812 108,502 416,668 470,460	62,056 (9,438) 28,105 59,243 (10,606) 1,088 209,798 (293,642) (6,034) (176) (215,324) (135,720)		134,688 (458) 39,611 83,876 13,695 8,185 499,962 331,981 12,778 108,326 201,344 334,740
(179,295)	(13,598)	(165,432)	(500,299)	(858,624)		365,236	44,697		409,933
(21,733) (43,640) (3,556) (2,254) (4,045,062) (75,980) (830) (5,797) (2,511) \$ (6,393,575)	(1,648) (3,310) (270) (171) (306,789) (5,763) (63) (440) (190) \$ (484,907)	(20,053) (40,265) (3,281) (2,080) (3,732,309) (70,106) (766) (5,349) (2,317) \$ (5,899,246)	(143,307) - (32,783) - (9,427,071) (112,708) (6,154) (152,062) (9,303) \$ (15,354,439)	(186,741) (87,215) (39,890) (4,505) (17,511,231) (264,557) (7,813) (163,648) (14,321) \$ (28,132,167)	<u></u>	4,272 88,897 7,243 4,592 8,240,073 154,777 1,691 11,810 5,115	(38,458) 38,249 (1,681) 10,912 (936,050) (12,593) (805) 9,734	<del></del>	5,814 127,146 5,562 15,504 7,304,023 142,184 886 21,544 5,130
(43,640) (3,556) (2,254) (4,045,062) (75,980) (830) (5,797)	(3,310) (270) (171) (306,789) (5,763) (63) (440)	(40,265) (3,281) (2,080) (3,732,309) (70,106) (766) (5,349)	(32,783) - (9,427,071) (112,708) (6,154) (152,062) (9,303)	(87,215) (39,890) (4,505) (17,511,231) (264,557) (7,813) (163,648)	<u>\$</u>	88,897 7,243 4,592 8,240,073 154,777 1,691 11,810	38,249 (1,681) 10,912 (936,050) (12,593) (805) 9,734 	<u>\$</u>	1 7,30 14

# Schedule of Net Pension Liability Sensitivity by Employer September 30, 2017

Employer	1% Decrease 2.62%	Current Discount Rate 3.62%	1% Increase 4.62%
Aimeliik State Agency	\$ 272,714	\$ 235,515	\$ 204,649
Aimeliik State Government	1,108,566	957,354	831,887
Aimeliik State Legislature	220,520	190,440	165,482
Airai State Agency	901,614	778,631	676,587
Airai State Government	589,065	508,715	442,045
Airai State Legislature	398,009	343,719	298,673
Airai State - Pan Fund	284,984	246,111	213,857
Angaur State Agency Angaur State Government	1,138,551	983,250	- 854,389
Angaur State Government Angaur State Legislature	119,852	103,504	89,939
Civil Service Pension Trust Fund	1,002,281	865,567	752,129
Dongosaro Municipality - Sonsorol	184,488	159,323	138,443
Fanna Municipality-Sonsorol State	40,441	34,925	30,348
Hatohobe State Agency	276,342	238,649	207,372
Hatohobei State Government	418,316	361,257	313,912
Hatohobei State Legislature	155,193	134,024	116,459
Helen Reef Resource Management - Hatohobei State Kayangel State Government	482,345 1,231,875	416,552 1,063,844	361,960 924,420
Kayangel State Legislature	149,750	129,324	112,375
Koror State Government	25,324,478	21,870,148	19,003,924
Koror State Legislature	643,591	555,803	482,962
Melekeok State - PAN 1077	579,213	500,207	434,652
Melekeok State Agency	8,729	7,538	6,550
Melekeok State Government	997,530	861,464	748,563
Melekeok State Legislature Melekeok Legislature Staff	167,983 91,422	145,069 78,952	126,057 68,605
Merir Municipality-Sonsorol State	110,432	95,369	82,870
National Development Bank of Palau	2,120,525	1,831,279	1,591,278
National Development Bank of Palau - SBDC	197,016	170,142	147,844
Ngaraard State Government	1,377,219	1,189,362	1,033,489
Ngaraard State Legislature	146,639	126,637	110,040
Ngaraard State Pan Fund	14,345	12,389	10,765
Ngardmau Free Trade Zone Authority	92,978	80,296	69,772
Ngardmau State Agency Ngardmau State Government	2,110,156	1,822,325	1,583,498
Ngardmau State Legislature	190,017	164,098	142,592
Ngatpang State Government	781,413	674,826	586,386
Ngatpang State Legislature	158,218	136,636	118,729
Ngchesar State Agency	324,993	280,663	243,880
Ngchesar State Government	567,892	490,430	426,156
Ngchesar State Legislature	55,994	48,356	42,019
Ngerchelong State Agency Ngerchelong State Government	442,856 879,318	382,449 759,376	332,327 659,855
Ngerchelong State Government  Ngerchelong State Legislature	204,276	176,412	153,292
Ngerchelong State Operation	216,113	186,635	162,175
Ngeremlengui State Government	1,541,486	1,331,223	1,156,758
Ngeremlengui State Legislature	191,486	165,367	143,695
Ngiwal State - Pan Fund	199,956	172,682	150,051
Ngiwal State Agency	447,263	386,255	335,634
Ngiwal State Government Ngiwal State Legislature	614,209 184,229	530,429 159,100	460,913 138,249
Palau Community Action Agency	7,420,893	6,408,662	5,568,766
Palau Community College	13,509,066	11,666,392	10,137,436
Palau Housing Authority	417,626	360,660	313,393
Palau International Coral Reef Center	2,429,619	2,098,212	1,823,228
Palau National Communications Corporation	9,888,445	8,539,634	7,420,460
Palau Public Utilities Corporation	12,349,861	10,665,306	9,267,549
Palau Public Utilities Corporation - Waste & Water Operation Palau Water & Sewer Corporation	8,556,158 174,464	7,389,074 150,667	6,420,688 130,921
Palau Visitors Authority	923,733	797,733	693,185
Peleliu State Government	2,283,672	1,972,172	1,713,707
Peleliu State Legislature	251,974	217,604	189,085
Pulo Anna Municipality-Sonsorol State	78,029	67,386	58,554
Republic of Palau Government	188,349,324	162,657,949	141,340,576
Social Security Retirement Fund	3,362,165	2,903,556	2,523,026
Sonsorol State Agency Sonsorol State Government	38,972 253,788	33,657 219,171	29,246 190,447
Sonsorol State Legislature	121,062	104,549	90,847
22. 3. 3.0.0 23.0.00.0	\$ 300,365,732	\$ 259,395,005	\$ 225,399,620

### Schedule of Allocable Pension Amortization by Employer September 30, 2017

		N-L D	· (   O -   (	(T (I) - (- D		
Employer	2018	Net De 2019	eferred Outflows 2020	(Inflows) of Res 2021	ources 2022	Thereafter
Employer Aimeliik State Agency	\$ 32,819	\$ 30,208	\$ 22,007	\$ 20,027	\$ 17,436	\$ 6,007
Aimeliik State Agency Aimeliik State Government	\$ 32,619 23,425	34,192	\$ 22,007 40,796	\$ 20,027 43,543	39,055	\$ 6,007 5,165
Aimeliik State Legislature	4,793	2,378	2,290	3,042	5,284	845
Airai State Agency	65,316	77,757	48,894	40,186	27,012	8,721
Airai State Government Airai State Legislature	(47,675) (12,096)	(38,912) (2,124)	(31,450) 592	(25,457) 213	(6,264) (6,118)	(2,522) (5,598)
Airai State Legislature Airai State - Pan Fund	31,573	34,456	31,899	24,513	(8,640)	(4,678)
Angaur State Agency	(311)	(1,263)	(253)	-		
Angaur State Government	54,874	67,192	44,112	37,223	23,002	(3,303)
Angaur State Legislature Civil Service Pension Trust Fund	6,715 3,712	7,309 (9,938)	6,559 (3,077)	6,520 788	6,733 6,565	4,847 (895)
Dongosaro Municipality - Sonsorol	21,793	23,659	22,004	21,739	18,552	1,677
Fanna Municipality-Sonsorol State	4,523	4,932	4,570	4,076	1,168	(2,356)
Hatohobe State Agency Hatohobei State Government	26,620 4,843	28,911 6,937	25,208 5,302	22,982 5,671	13,512 7,452	1,772 2,903
Hatohobei State Legislature	2,731	6,452	6,864	7,209	7,432	5,680
Helen Reef Resource Management -	•	•	·	·	·	
Hatohobei State	1,059	(2,188)	542	2,188	4,542	203
Kayangel State Government Kayangel State Legislature	73,842 7,424	68,302 9,996	26,111 8,865	17,065 9,094	18,156 10,308	4,820 4,942
Koror State Government	1,180,289	1,225,969	771,310	650,788	459,568	43,999
Koror State Legislature	(24,479)	(17,297)	(9,706)	(7,075)	(4,812)	(1,923)
Melekeok State - PAN 1077	65,623	71,126	65,339	54,233	2,893	(7,801)
Melekeok State Agency Melekeok State Government	(13,643) (27,640)	(68,171) 431	(76,048) (4,228)	(66,183) (1,586)	(8,218) 12,779	(3,111) 4,026
Melekeok State Government Melekeok State Legislature	5,907	6,244	3,015	2,464	3,032	1,688
Melekeok Legislature Staff	9,735	10,660	9,839	6,949	(6,663)	(6,477)
Merir Municipality-Sonsorol State	13,078	14,195	13,204	12,845	10,461	2,530
National Development Bank of Palau National Development Bank of Palau - SBDC	(2,999) 103	10,655 716	9,292 (4,141)	11,211 (5,119)	12,170 (4,102)	(5,920) (1,574)
Ngaraard State Government	60,309	72,710	40,961	29,577	5,846	(7,263)
Ngaraard State Legislature	8,784	10,265	(3,473)	(6,893)	(6,579)	(2,671)
Ngaraard State Pan Fund	1,757	1,902	1,774	1,753	1,735	1,304
Ngardmau Free Trade Zone Authority Ngardmau State Agency	6,876 (13,609)	3,357 (4,402)	1,463 (861)	1,144	1,421	558
Ngardmau State Agency Ngardmau State Government	103,883	102,709	61,773	50,572	33,150	1,524
Ngardmau State Legislature	11,721	14,544	12,521	11,156	6,120	3,841
Ngatpang State Government	43,031	41,577	13,424	7,732	12,966	14,861
Ngatpang State Legislature Ngchesar State Agency	19,161 35,923	8,619 10,783	5,825 3,444	4,811 2,006	2,060 2,508	(794) 1,425
Ngchesar State Agency Ngchesar State Government	6,150	(152)	(12,549)	(15,685)	(16,654)	(9,907)
Ngchesar State Legislature	804	1,362	449	197	(128)	(277)
Ngerchelong State Agency	53,184	44,376	29,805	25,607	18,944	5,428
Ngerchelong State Government Ngerchelong State Legislature	(1,737) 12,275	(5,411) 10,932	(14,420) 9,943	(16,661) 9,008	(19,668) 4,607	(17,947) 2,049
Ngerchelong State Degration	26,476	28,662	26,724	26,413	26,138	19,635
Ngeremlengui State Government	69,761	64,827	13,217	5,324	18,731	(10,331)
Ngeremlengui State Legislature	(8,375)	(7,038)	(5,824)	. , ,	(872)	(1,197)
Ngiwal State - Pan Fund Ngiwal State Agency	23,905 52,603	25,927 57,126	1,650 19,952	(4,018) 9,452	(3,340) (217)	(5,656) (10,367)
Ngiwal State Government	4,036	31,056	18,664	17,157	20,564	5,486
Ngiwal State Legislature	5,957	(6,744)	(1,350)	982	4,633	2,044
Palau Community Action Agency	395,278	487,247	288,695	238,289	192,369	73,422
Palau Community College Palau Housing Authority	(198,927) (1,785)	18,152 1,163	(36,763) (89)	(35,020) 249	(11,302) 1,641	(67,965) (1,009)
Palau International Coral Reef Center	26,876	42,722	19,594	23,208	50,712	(3,906)
Palau National Communications Corporation	(43,042)	75,183	70,408	89,858	142,459	35,704
Palau Public Utilities Corporation	203,960	359,913	293,525	291,991	304,945	147,935
Palau Public Utilities Corporation - Waste & Water Operation	182,397	115,514	162,307	180,418	159,738	28,012
Palau Water & Sewer Corporation	21,006	22,771	21,206	20,955	19,388	8,982
Palau Visitors Authority	(35,704)	(20,642)	(12,296)	(8,742)	(5,009)	(7,739)
Peleliu State Government	96,318	115,084	74,934	65,990	58,565	23,416
Peleliu State Legislature Pulo Anna Municipality-Sonsorol State	11,125 9,019	8,635 9,808	8,090 9,109	8,318 8,871	9,357 6,439	7,897 (2,416)
Republic of Palau Government	1,588,227	3,951,818	2,491,054	2,291,135	2,143,111	51,437
Social Security Retirement Fund	13,299	40,433	25,005	22,480	13,013	(14,994)
Sonsorol State Agency	(249)	416	(161)	(76)	783	41
Sonsorol State Government Sonsorol State Legislature	11,372 2,089	13,215 2,491	(17,952) 604	(24,524) 556	(16,311) 1,980	(1,395) 410
Jonson of State Legislature						
	\$ 4,316,088	\$ 7,353,694	\$ 4,660,093	\$ 4,228,125	\$ 3,846,483	\$ 323,244

### Schedule of Employers' Contributions by Employer September 30, 2017

	Actuarially Determined	Actual Employer	Contribution	Covered Employee	Contributions as a Percentage of Covered
Employer	Contribution	Contribution	Deficiency	Payroll	Payroll
Aimeliik State Agency Aimeliik State Government Aimeliik State Legislature	\$ 15,598 63,407 12,609	\$ 3,156 12,829 2,552	\$ 12,442 50,578 10,057	\$ 52,600 213,817 42,533	6.00% 6.00% 6.00%
Airai State Agency	51,571	10,434	41,137	173,900	6.00%
Airai State Government	33,688	6,817	26,871	113,617	6.00%
Airai State Legislature Airai State - Pan Fund	22,762 16,303	4,606 3,298	18,156 13,005	76,767 54,967	6.00% 6.00%
Angaur State Government	65,125	13,176	51,949	219,600	6.00%
Angaur State Legislature Civil Service Pension Trust Fund	6,854 57,326	1,387 11,599	5,467 45,727	23,117 193,317	6.00% 6.00%
Dongosaro Municipality - Sonsorol	10,548	2,135	8,413	35,583	6.00%
Fanna Municipality-Sonsorol State Hatohobe State Agency	2,319	468	1,851 12,607	7,800	6.00% 6.00%
Hatohobei State Government	15,805 23,930	3,198 4,841	19,089	53,300 80,683	6.00%
Hatohobei State Legislature	8,881	1,796	7,085	29,933	6.00%
Helen Reef Resource Management - Hatohobei State Kayangel State Government	27,589 70,451	5,582 14,256	22,007 56,195	93,033 237,600	6.00% 6.00%
Kayangel State Legislature	8,572	1,733	6,839	28,883	6.00%
Koror State Government	1,448,388	293,070	1,155,318	4,884,500	6.00%
Koror State Legislature Melekeok State - PAN 1077	36,814 33,121	7,448 6,703	29,366 26,418	124,133 111,717	6.00% 6.00%
Melekeok State Agency	498	101	397	1,683	6.00%
Melekeok State Government Melekeok State Legislature	57,051 9,603	11,544 1,944	45,507 7,659	192,400 32,400	6.00% 6.00%
Melekeok Legislature Staff	5,222	1,058	4,164	17,633	6.00%
Merir Municipality-Sonsorol State	6,322	1,278	5,044	21,300	6.00%
National Development Bank of Palau  National Development Bank of Palau - SBDC	121,283 11,269	24,540 2,280	96,743 8,989	409,000 38,000	6.00% 6.00%
Ngaraard State Government	78,765	15,938	62,827	265,633	6.00%
Ngaraard State Legislature	8,383	1,697	6,686	28,283	6.00%
Ngaraard State Pan Fund Ngardmau Free Trade Zone Authority	825 5,325	123 1,076	702 4,249	2,050 17,933	6.00% 6.00%
Ngardmau State Government	120,682	24,420	96,262	407,000	6.00%
Ngardmau State Legislature Ngatpang State Government	10,874 44,700	2,199 9,043	8,675 35,657	36,650 150,717	6.00% 6.00%
Ngatpang State Government  Ngatpang State Legislature	9,053	1,831	7,222	30,517	6.00%
Ngchesar State Agency	18,588	3,761	14,827	62,683	6.00%
Ngchesar State Government Ngchesar State Legislature	32,485 3,195	6,572 648	25,913 2,547	109,533 10,800	6.00% 6.00%
Ngerchelong State Agency	25,322	5,125	20,197	85,417	6.00%
Ngerchelong State Government	50,283	10,176	40,107	169,600	6.00%
Ngerchelong State Legislature Ngerchelong State Operation	11,682 12,369	2,364 2,133	9,318 10,236	39,400 35,550	6.00% 6.00%
Ngeremlengui State Government	88,162	17,839	70,323	297,317	6.00%
Ngeremlengui State Legislature Ngiwal State - Pan Fund	10,960 11,441	2,216	8,744 9,127	36,933 38,567	6.00% 6.00%
Ngiwal State Agency	25,579	2,314 5,176	20,403	86,267	6.00%
Ngiwal State Government	35,131	7,108	28,023	118,467	6.00%
Ngiwal State Legislature Palau Community Action Agency	10,531 424,422	2,132 85,879	8,399 338,543	35,533 1,431,317	6.00% 6.00%
Palau Community College	772,621	156,335	616,286	2,605,583	6.00%
Palau Housing Authority	23,879	4,833	19,046	80,550	6.00%
Palau International Coral Reef Center Palau National Communications Corporation	138,960 565,547	28,117 114,435	110,843 451,112	468,617 1,907,250	6.00% 6.00%
Palau Public Utilities Corporation	706,328	142,920	563,408	2,382,000	6.00%
Palau Public Utilities Corporation - Waste & Water Operation	489,358	99,017	390,341	1,650,283	6.00%
Palau Water & Sewer Corporation	9,981	2,019	7,962	33,650	6.00%
Palau Visitors Authority	52,825	10,690	42,135	178,167	6.00%
Peleliu State Government Peleliu State Legislature	130,611 14,413	26,428 2,916	104,183 11,497	440,467 48,600	6.00% 6.00%
Pulo Anna Municipality-Sonsorol State	4,467	903	3,564	15,050	6.00%
Republic of Palau Government	10,772,273	2,177,688	8,594,585	36,294,800	6.00%
Social Security Retirement Fund Sonsorol State Agency	192,301 2,233	38,909 451	153,392 1,782	648,483 7,517	6.00% 6.00%
Sonsorol State Government	14,516	2,937	11,579	48,950	6.00%
Sonsorol State Legislature	6,923	1,401	5,522	23,350	6.00%
	\$ 17,178,902	\$ 3,473,598	\$ 13,705,304	\$ 57,893,300	

### Schedule of Employers' Contributions by Employer September 30, 2016

	Actuarially Determined	Actual Employer	Contribution	Covered Employee	Contributions as a Percentage of Covered
<u>Employer</u>	Contribution	Contribution	Deficiency	Payroll	Payroll
Aimeliik State Agency	\$ 10,035	\$ 2,182	\$ 7,853	\$ 36,862	5.92%
Aimeliik State Government	51,081	11,106	39,975	187,649	5.92%
Aimeliik State Legislature Airai State Agency	10,251 39,129	2,230 8,507	8,021 30,622	37,657 143,742	5.92% 5.92%
Airai State Agency Airai State Government	29,959	6,514	23,445	110,057	5.92%
Airai State Legislature	22,333	4,854	17,479	82,040	5.92%
Airai State - Pan Fund	16,349	3,553	12,796	60,060	5.92%
Angaur State Government Angaur State Legislature	57,079 3,230	12,407 702	44,672 2,528	209,681 11,864	5.92% 5.92%
Civil Service Pension Trust Fund	49,163	10,688	38,475	180,604	5.92%
Dongosaro Municipality - Sonsorol	8,059	1,753	6,306	29,606	5.92%
Fanna Municipality-Sonsorol State	3,230	701	2,529	11,864	5.92%
Hatohobe State Agency Hatohobei State Government	12,471 18,771	2,712 4,080	9,759 14,691	45,813 68,958	5.92% 5.92%
Hatohobei State Legislature	4,498	979	3,519	16,525	5.92%
Helen Reef Resource Management - Hatohobei State	23,327	5,070	18,257	85,694	5.92%
Kayangel State Government	57,266	12,448	44,818	210,370	5.92%
Kayangel State Legislature	4,628	1,007	3,621	17,001	5.92%
Koror State Government Koror State Legislature	1,206,608 32,295	262,310 7,020	944,298 25,275	4,432,540 118,637	5.92% 5.92%
Melekeok State - PAN 1077	32,309	7,023	25,286	118,690	5.92%
Melekeok State Agency	2,091	454	1,637	7,680	5.92%
Melekeok State Government	46,309	10,066	36,243	170,118	5.92%
Melekeok State Legislature Melekeok Legislature Staff	7,252 7,901	1,578 1,718	5,674 6,183	26,640 29,024	5.92% 5.92%
Merir Municipality-Sonsorol State	4,008	872	3,136	14,724	5.92%
National Development Bank of Palau	106,170	23,081	83,089	390,021	5.92%
National Development Bank of Palau - SBDC	10,409	2,264	8,145	38,239	5.92%
Ngaraard State Government	70,790	15,388	55,402	260,049	5.92% 5.92%
Ngaraard State Legislature Ngardmau Free Trade Zone Authority	8,550 4,224	1,859 917	6,691 3,307	31,407 15,518	5.92%
Ngardmau State Government	101,686	22,106	79,580	373,549	5.92%
Ngardmau State Legislature	7,180	1,560	5,620	26,376	5.92%
Ngatpang State Government	30,017	6,524	23,493	110,269	5.92%
Ngatpang State Legislature Ngchesar State Agency	8,103 15,023	1,763 3,266	6,340 11,757	29,765 55,188	5.92% 5.92%
Ngerchelong State Operation	-	5,200	-	-	0.00%
Ngchesar State Government	32,886	7,149	25,737	120,809	5.92%
Ngchesar State Legislature	2,869	624	2,245	10,540	5.92%
Ngerchelong State Agency Ngerchelong State Government	18,613 52,306	4,046 11,372	14,567 40,934	68,375 192,150	5.92% 5.92%
Ngerchelong State Government  Ngerchelong State Legislature	8,823	1,919	6,904	32,413	5.92%
Ngeremlengui State Government	80,406	17,479	62,927	295,376	5.92%
Ngeremlengui State Legislature	9,934	2,161	7,773	36,492	5.92%
Ngiwal State - Pan Fund Ngiwal State Agency	12,731	2,769	9,962	46,766	5.92%
Ngiwal State Agency Ngiwal State Government	27,263 26,903	5,928 5,848	21,335 21,055	100,153 98,829	5.92% 5.92%
Ngiwal State Legislature	7,857	1,708	6,149	28,865	5.92%
Palau Community Action Agency	321,206	69,828	251,378	1,179,966	5.92%
Palau Community College	692,555	150,556	541,999	2,544,139	5.92%
Palau Housing Authority Palau International Coral Reef Center	20,819 120,112	4,527 26,111	16,292 94,001	76,479 441,236	5.92% 5.92%
Palau National Communications Corporation	461,242	100,271	360,971	1,694,398	5.92%
Palau Public Utilities Corporation	520,786	113,216	407,570	1,913,136	5.92%
Palau Public Utilities Corporation - Waste & Water	404.007	07.004	246 442	1 105 216	F 000/
Operation	404,307	87,894	316,413	1,485,246	5.92%
Palau Visitors Authority Peleliu State Government	49,005 98,413	10,654 21,393	38,351 77,020	180,022 361,527	5.92% 5.92%
Peleliu State Legislature	8,016	1,743	6,273	29,448	5.92%
Pulo Anna Municipality-Sonsorol State	5,089	1,105	3,984	18,696	5.92%
Republic of Palau Government	9,121,540	1,982,972	7,138,568	33,508,473	5.92%
Social Security Retirement Fund Sonsorol State Agency	171,337 1,874	37,247 407	134,090 1,467	629,414 6,885	5.92% 5.92%
Sonsorol State Government	13,077	2,842	10,235	48,038	5.92%
Sonsorol State Legislature	5,666	1,231	4,435	20,815	5.92%
	\$ 14,417,419	\$ 3,134,262	\$ 11,283,157	\$ 52,963,167	

#### Notes to Schedules September 30, 2017 and 2016

#### (1) Plan Description

The following brief description of the Republic of Palau Civil Service Pension Trust Fund (the Fund) is provided for general information purposes only.

#### General

The Fund is a defined benefit, cost sharing multiple employer plan, which is a component unit of the Republic of Palau (ROP) National Government, providing retirement, security and other benefits to employees, their spouses and dependents, of the ROP, ROP State Governments and ROP agencies, funds and public corporations. The Fund was established pursuant to Republic of Palau Public Law (RPPL) No. 2-26 passed into law on April 3, 1987, and began operations on October 1, 1987. Portions of RPPL No. 2-26 were revised by RPPL 3-21, RPPL 4-40, RPPL 4-49, RPPL 5-30, RPPL 6-37, RPPL 7-56, RPPL 8-10 and RPPL 9-2.

#### Membership

The ROP National Government, ROP State Governments and ROP public corporations, quasi-governmental organizations and other public entities of the National and State Governments of ROP, are participating in the Fund. Membership consisted of the following as of September 30, 2017 (the valuation date):

Inactive members currently receiving benefits Inactive members entitled to but not yet receiving benefits Active members	1,576 1,162 <u>3,422</u>
Total members	<u>6,160</u>

#### Summary of the Principal Provisions of the Plan

Effective date: October 1, 1987

Plan year: October 1 through September 30

#### Eligibility to Participate

All persons becoming full-time employees of a participating agency before attaining the age of sixty shall become members as a condition of employment.

#### Service

Vesting Service: Includes membership service and prior service credit.

Membership Service: A year of membership service is earned for a year of service rendered a participating agency. Years of membership service shall be rounded to the nearest one year. Membership service includes accumulated sick leave and vacation leave.

Prior Service Credit: Persons becoming members of the Plan on October 1, 1987 are entitled to Prior Service Credit for services rendered as an employee of participating agencies, the Trust Territory of the Pacific Islands (TTPI), and the United States Naval Government after World War II and before the establishment of the TTPI.

#### Notes to Schedules September 30, 2017 and 2016

#### (1) Plan Description, Continued

#### **Pension Benefits**

Retirement benefits are paid to members who are required, with certain exceptions, to retire no later than their sixtieth birthday or after thirty years of service. A member may retire after his or her fifty-fifth birthday at a reduced pension amount if the member has completed at least twenty years of government employment. A married member of a former member receiving a distribution of benefits under the Pension Fund receives reduced benefit amounts to provide survivors' benefits to his or her spouse. An unmarried member or former member may elect to receive a reduced benefit amount during his or her lifetime with an annuity payable to his or her designated beneficiary. Disability benefits are paid to qualified members for the duration of the disability. Effective May 17, 1996, through RPPL 4-49, members, who have twenty-five years or more of total service, are eligible for retirement regardless of their age and, upon such retirement, are eligible to receive pension benefits at a level established by the Board. Effective July 1, 1999, pursuant to RPPL 4-49 and RPPL 5-30, retirement is mandatory for all members who have thirty years or more of total service and all employees who are sixty years of age or older with certain exceptions. Beginning October 1, 2003, pursuant to RPPL 6-37, mandatory retirement may be delayed for up to five years, by specific exemption by the In December 2008, RPPL 7-56 eliminated early retirement and thirtyyear mandatory service provisions. These provisions were restored through RPPL 8-10 in October 2009. On April 30, 2013, RPPL 9-2 eliminated the mandatory service retirement after thirty years of service. After December 31, 2013, no employee shall be entitled to pension benefits until reaching the age of sixty.

In accordance with the directives of RPPL 5-7, the Board adopted a resolution which provides that "no person who retires after October 1, 1997, may receive benefits under the Plan unless he or she has contributed to the Plan for at least five years or has made an actuarially equivalent lump sum contribution". In accordance with RPPL 9-2, members who retire after April 30, 2013 must not receive benefits greater than thirty thousand dollars per year. Further, the amount of benefits that a member receives should not be recalculated if the member is re-employed after the member begins receiving benefits under the Fund. Additionally, a member should not receive benefits during the time the member is re-employed subsequent to retirement.

Currently, normal benefits are paid monthly and are two percent of each member's average monthly salary for each year of credited total service up to a maximum of thirty years total service. The average annual salary is the average of the highest three consecutive fiscal years of compensation received by a member during his or her most recent ten full fiscal years of service. For members who have not completed three consecutive fiscal years of employment during his or her most recent ten full fiscal years of service, the average annual salary is the average monthly salary during the term of the member's service multiplied by twelve.

The benefit amount that married members or unmarried members receive, who have elected to designate a beneficiary, is based on the normal benefit amount reduced by the following factors:

#### Notes to Schedules September 30, 2017 and 2016

#### (1) Plan Description, Continued

#### Pension Benefits, Continued

<u>Factor</u>	If the Spouse or Beneficiary is:
1.00	21 or more years older than the member
0.95	16 to 20 years older than the member
0.90	11 to 15 years older than the member
0.85	6 to 10 years older than the member
0.80	0 to 5 years younger than the member or 0 to 5 years older than the member
0.75	6 to 10 years younger than the member
0.70	11 to 15 years younger than the member
0.65	16 or more years younger than the member

Surviving beneficiaries of an employee may only receive benefits up to the total present value of the employee's accrued benefit pursuant to RPPL 9-2.

A member that meets the requirements for early retirement and elects to retire on an early retirement date is entitled to receive payment of an early retirement benefit equal to the member's normal retirement benefit reduced according to the following schedule based on the age at which early retirement benefit payments begin:

- 1/12<sup>th</sup> per year for the first 3 years before age 60;

- plus an additional 1/18<sup>th</sup> per year for the next 3 years; plus an additional 1/24<sup>th</sup> per year for the next 5 years; and plus an additional 1/50<sup>th</sup> per year for each year in excess of 11 years.

Upon the death of a member or former member with eligible survivors before commencement of the members' normal, early, or late retirement benefits or disability retirement benefits the following shall be payable:

- If the former member is not an employee at his date of death and a spouse or beneficiary survives, the total death benefits payable shall be the actuarial equivalent of the member's present value of accrued benefit.
- If the member is an employee at his date of death and a spouse or beneficiary survives, the total death benefit payable shall be the actuarial equivalent of the greater of 3 times the member's average annual salary or the member's present value of accrued benefits.

Upon the death of a member or former member before commencement of his normal, early, or late retirement benefit or disability retirement benefit leaving no persons eligible for survivor benefits, the following shall be payable:

- If the former member is not an employee at the date of death, a refund of the total amount of contributions made by the member.
- If the member was an employee at the date of death and had completed one year or more of total service, the estate of the member shall be entitled to a death benefit equal to the greater of three times the member's annual salary or the present value of the member's accrued benefit payable in the form of a single lump sum payment.

#### Notes to Schedules September 30, 2017 and 2016

#### (1) Plan Description, Continued

#### Pension Benefits, Continued

Any member who is not otherwise eligible to receive normal, early or late retirement benefits, who shall become totally and permanently disabled for service regardless of how or where the disability occurred, shall be entitled to a disability retirement annuity, provided that he or she is not receiving disability payments from the United States Government or its agencies for substantially the same ailment, and further provided that to be eligible for a disability retirement annuity from a cause unrelated to service, the member shall have had at least ten (10) years of total service credited. The amount of disability retirement annuity shall be an amount equal to the actuarial equivalent at the attained age of the member's present value of accrued benefit and shall be paid in the same form as a normal retirement benefit. Any special compensation allowance received or payable to any member because of disability resulting from accidental causes while in the performance of a specific act or acts of duty shall be deducted from the disability annuity payable by the Plan on account of the same disability.

#### **Member Contributions**

Member contribution rates are established by RPPL No. 2-26 at six percent of total payroll and are deducted from the member's salary and remitted by participating employers. Upon complete separation from service, a member with less than fifteen years membership service may elect to receive a refund of all of his or her contributions. Subsequent changes in the percentage contributed by members may be made through an amendment of the Trust Fund Operation Plan subject to the requirements of Title 6 of the Palau National Code. RPPL 9-2 requires each employee of the National Government and all State Governments, without regard to whether the employee is employed part-time or on a temporary basis, seasonal or an impermanent basis, to contribute to the Fund through payroll deduction.

#### **Employer and Other Contributions**

Employers are required to contribute an amount equal to that contributed by employees. Pursuant to RPPL No. 2-26 and RPPL No. 3-21, the Government of the Republic of Palau must from time to time contribute additional sums to the Fund in order to keep the Fund on a sound actuarial basis. RPPL 9-2 requires the Government of ROP to make regular contributions to the Fund equal to the amount contributed by each and every employee of ROP. Additionally, an excise tax of four percent (4%) is levied against each non-citizen person transferring money out of ROP. The money transfer tax must be remitted to the Fund.

#### (2) Summary of Significant Accounting Policies

#### Basis of Accounting and Disclosure

The schedules are presented in accordance with the standards issued by the Governmental Accounting Standards Board (GASB), which is the generally accepted standard setting body for establishing accounting principles generally accepted in the United States of America for governmental entities. As prescribed by GASB, the schedules are reported using the economic resources measurement focus and the accrual basis of accounting.

#### Notes to Schedules September 30, 2017 and 2016

#### (2) Summary of Significant Accounting Policies, Continued

#### Basis of Accounting and Disclosure, Continued

Employer and employee contributions are recognized as revenues when due, pursuant to formal commitments, as well as statutory and contractual requirements that coincide with the period in which employee services are performed. Deductions from the Fund's assets are recorded when corresponding liabilities are incurred, regardless of when paid. Benefits and refunds are recognized when due and are payable in accordance with Fund policy. The cost of administering the Fund is paid out of the assets of the Fund.

For purposes of measuring the net pension liability, deferred outflows of resources, deferred inflows of resources, and pension expense, information about the fiduciary net position of the Fund and additions to/deductions from the Fund's fiduciary net position have been determined on the same basis as they are reported by the Fund. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

#### Recognition of Deferred Outflows and Inflows of Resources

Changes from differences between expected and actual experience and assumption change are recognized over the average expected remaining service life of all employees provided with benefits through the pension plan as of the beginning of the measurement period, while investment gains/losses are recognized equally over five years. As of September 30, 2017, 2016 and 2015, the average remaining service life was 6.83 years, and 6.20 and 6.01 years as of September 30, 2014 and 2013, respectively.

#### **Estimates**

The preparation of the schedules in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain amounts and disclosures. Actual results could differ from those estimates.

#### (3) Net Pension Liability

The components of the employers' net pension liability as of September 30, 2017 and 2016 were as follows:

	<u>2017</u>	<u>2016</u>
Total pension liability Plan fiduciary net position	\$ 288,804,482 (29,409,477)	\$ 278,875,273 (29,421,313)
Employers' net pension liability	\$ <u>259,395,005</u>	\$ <u>249,453,960</u>
Plan fiduciary net position as a percentage of the total pension liability	10.18%	10.55%

#### Notes to Schedules September 30, 2017 and 2016

#### (4) Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of September 30, 2017, for the same measurement date, using the following actuarial assumptions:

Actuarial Cost Method: Normal costs are calculated under the

entry age normal method

Amortization Method: dollar, open with remaining

amortization period of 30 years

Asset valuation method: Market Value of Assets

Investment Income: 7.5% per year, net of investment

expenses, including price inflation

Inflation: 3.0%

Interest on Member Contributions: 5.0% per year

Salary Increase: 3.0% per year

\$300,000 added to normal cost Expenses:

RP 2000 Combined Mortality Table, set Mortality:

forward four years for all members except disability recipients, where the table is set

forward ten years

Termination of Employment: 5% for ages 20 to 39; none for all other

ages

Disability: <u>Age</u> Disability 0.21% 30 0.18% 35 0.25% 40 0.35% 45 0.50% 50 0.76% 55 1.43% 60 2.12%

Retirement Age: 100% at age 60

Form of Payment: Single: Straight life annuity; Married:

100% joint and survivor

Marriage Assumption: 80% of the workers are assumed to be

> married and males are assumed to be 3 older than their spouses. vears Beneficiaries are assumed to be the opposite gender of the member.

100% Duty related Duty vs Non-duty related disability:

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#### Notes to Schedules September 30, 2017 and 2016

#### (4) Actuarial Assumptions, Continued

Refund of Contributions: 80% of terminated vested members elect

a refund of contributions

Post Retirement Survivor's Benefit: 100% of the benefit the retiree was

receiving prior to death.

Final Average Earnings: Deferred vested members missing data for

their final average earnings are assumed to have earned the average amount of

current deferred vested members.

Benefits: Retirees and beneficiaries missing data for

their monthly benefit amount are assumed to receive the average benefit of current retirees or beneficiaries, respectively.

#### Investment Rate of Return

The long-term expected rate of return on the Fund's investments of 7.5% was determined using log-normal distribution analysis, creating a best-estimate range for each asset class.

As of September 30, 2017, the arithmetic real rates of return for each major investment class are as follows:

<u>Asset Class</u>	Target Allocation	Expected Rate of Return
Cash Equity Governmental fixed income Corporate fixed income	3% 61% 31% 	4.55% 6.35% 7.75% 4.00%
	<u>100%</u>	

#### Discount Rate

The discount rate used to measure the total pension liability was 3.62% at the current measurement date and 2.98% at the prior measurement date. The discount rate was determined using the current assumed rate of return until the point where the plan fiduciary net position is negative. Using the current contribution rates, a negative position happens in 2022 for the 2017 measurement date. For years on or after 2022, a discount rate of 3.57% is used. This rate is based on the Bond Buyer General Obligation 20-year Municipal Bond Index Rate.

Sensitivity of Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability of the Fund as of September 30, 2017, calculated using the discount rate of 3.62%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1.00% lower (2.62%) or 1.00% higher (4.62%) from the current rate.

1% Decrease 2.62%	Current Single Discount Rate Assumption 3.62%	1% Increase 4.62%
\$ 300,365,732	\$ 259,395,005	\$ 225,399,620

### Notes to Schedules September 30, 2017 and 2016

#### (4) Actuarial Assumptions, Continued

Schedule of Changes in Net Pension Liability and Related Ratios

The changes in net pension liability for the years ended September 30, 2017 and 2016, were as follows:

Total Danaian Linkility	<u>2017</u>	<u>2016</u>	
Total Pension Liability			
Service cost Interest cost Difference between expected and actual experience Assumption changes	\$ 8,610,570 8,422,663 27,975,168 (25,315,236)	\$ 6,858,499 9,414,565 - 28,447,659	
Benefit payments	(9,763,956)	(9,506,766)	
Net change in total pension liability Total pension liability - beginning	9,929,209 <u>278,875,273</u>	35,213,957 <u>243,661,316</u>	
Total pension liability - ending	\$ <u>288,804,482</u>	\$ <u>278,875,273</u>	
Fund Fiduciary Net Position			
Employer contributions Employee contributions Pension plan net investment income (loss) Benefit payments Pension plan administrative expense Recovery and other income	\$ 3,412,047 3,410,992 3,303,967 (9,763,956) (374,886)	\$ 3,177,790 3,149,619 2,337,406 (9,506,766) (426,021) 2,574,145	
Net change in plan fiduciary net position Plan fiduciary net position - beginning	(11,836) 29,421,313	1,306,173 28,115,140	
Plan fiduciary net position - ending	\$ <u>29,409,477</u>	\$ <u>29,421,313</u>	
Net pension liability - ending	\$ <u>259,395,005</u>	\$ <u>249,453,960</u>	
Plan fiduciary net position as a percentage of total pension liability	10.18%	10.55%	
Covered employee payroll	\$ 57,893,300	\$ 52,963,167	
Net pension liability as a percentage of covered employee payroll	448.06%	471.00%	

Total employer contributions presented at the Schedule of Employer Contributions does not agree to the employer contributions presented above by \$63,965 and \$43,528 for the years ended September 30, 2017 and 2016, respectively, due to unallocated employer contributions.

#### Notes to Schedules September 30, 2017 and 2016

#### (5) Average Remaining Service Life

GASB Statement No. 68, Accounting and Financial Reporting for Pensions, requires that changes arising from differences between expected and actual experience and from changes in actual assumptions be recognized in pension expense over the average remaining service life of all employees provided with benefits through the pension plan (active and inactive). These differences are considered on a pooled basis, rather than an individual basis, in order to reflect the expected remaining service life of the entire pool of employees, with the understanding that inactive employees have no remaining service period. As of September 30, 2017 and 2016, the average of the expected remaining service lives of all employees as calculated by the Fund's independent actuaries was 6.83 years.

#### (6) Pension Expense

The components of pension expense for the years ended September 30, 2017 and 2016 are as follows:

	<u>2017</u>	<u>2016</u>
Service cost Interest on the total pension liability Difference between expected and actual	\$ 8,610,570 8,422,663	\$ 6,858,499 9,414,565
experience in the total pension liability Current-period assumption changes Member contributions Projected earnings on plan investments	4,095,925 (3,706,477) (3,410,992) (2,084,503)	4,165,104 (3,149,619) (2,070,664)
Difference between actual and projected earnings on plan investments Pension plan administrative expense Other changes	(243,893) 374,886 63,965	(53,348) 426,021 (2,617,673)
Recognition of outflow (inflow) of resources due to liabilities Recognition of inflow of resources due to assets	8,614,556 <u>(4,451,524</u> )	4,449,452 <u>(4,398,176</u> )
Total pension expense	\$ <u>16,285,176</u>	\$ <u>13,024,161</u>

Other changes consist of \$63,965 and \$43,528 for the years ended September 30, 2017 and 2016, respectively, from the difference between employer contributions at the Statement of Fiduciary Net Position and the Schedule of Employer Contributions and \$2,574,145 for the year ended September 30, 2016 from recovery and other income.

#### (7) Deferred Outflows and Inflows of Resources

A summary of deferred outflows and inflows of resources as of September 30, 2017 and 2016 are as follows:

#### Notes to Schedules September 30, 2017 and 2016

#### (7) Deferred Outflows and Inflows of Resources, Continued

	2017		2016	
	Deferred Outflows of <u>Resources</u>	Deferred Inflows of <u>Resources</u>	Deferred Outflows of <u>Resources</u>	Deferred Inflows of <u>Resources</u>
Difference between expected and actual experience Change of assumptions Net difference between projected and actual earnings on pension plan investments Changes in proportion and difference between employer contributions and proportionate share of contributions	\$ 23,879,243 30,330,910	\$ 5,069,854 24,573,057	\$ - 38,231,413	\$ 6,393,575 5,899,246
	1,428,108	1,267,623	2,142,161	484,907
	16,052,153	16,052,153	15,354,439	15,354,439
	\$ <u>71,690,414</u>	\$ <u>46,962,687</u>	\$ <u>55,728,013</u>	\$ 28,132,167

Amounts reported as deferred outflows and inflows of resources to be recognized in pension expense in future years is presented below:

Year Ending	Net Deferred Outflows (Inflows) of Resources
2018 2019 2020 2021 2022 Thereafter	\$ 4,316,088 7,353,694 4,660,093 4,228,125 3,846,483 323,244
	\$ <u>24,727,727</u>

#### (8) Additional Financial and Actuarial Information

Additional financial information supporting the preparation of the schedule of employer allocations, schedule of pension amounts by employer and other pension schedules (including the disclosure of the net pension liability and the unmodified audit opinion of the financial statements) is located in the Fund's financial statements for the years ended September 30, 2016 and 2017. If you have questions about this report or need additional information, please contact the Administrator at the Republic of Palau Civil Service Pension Trust Fund, P.O. Box 1767, Koror, Republic of Palau 96940, or e-mail <a href="mailto:cspp@palaunet.com">cspp@palaunet.com</a> or call (680) 488-2523.