

**TTPI BASIC HOUSING CHARACTERISTICS, 1967**

Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>WATER SUPPLY</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Private	9,620	994	2,138	6,268	2,670	2,235	1,363	220
Municipal	937	84	189	571	480	90	1	93
TT Government	1,927	382	62	228	63	125	40	1,255
Unknown	404	80	145	109	53	41	15	70
<b>DRINKING WATER SOURCE</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Roof catchment	7,129	742	1,996	3,447	1,340	1,078	1,029	944
Spring	1,257	99	29	1,044	648	383	13	85
Well	1,643	16	297	1,317	610	411	296	13
Stream	1,195	215	5	974	547	408	19	1
TT Government	1,234	388	50	248	68	145	35	548
Unknown	430	80	157	146	53	66	27	47
<b>LAUNDRY-BATH WATER SOURCE</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Well	3,220	155	1,102	1,907	1,344	361	202	56
Spring	1,265	86	13	1,079	631	313	135	87
Stream	3,040	499	13	2,514	1,056	1,106	352	14
Roof Catchment	2,975	382	1,183	1,228	139	525	564	182
TT Government	1,867	338	68	254	47	147	60	1,207
Unknown	521	80	155	194	49	39	106	92
<b>WATER STORAGE</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
None	4,534	485	428	3,040	1,752	959	329	581
Barrell	4,482	604	962	2,529	943	641	945	387
Steel tank	1,340	180	179	586	239	303	44	395
Concrete tank	1,596	101	734	584	143	374	67	177
Wood tank	105	19	40	40	18	17	5	6
Other	445	72	37	280	116	143	21	56
Unknown	386	79	154	117	55	54	8	36
<b>WATER QUALITY/TURBIDITY</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Clear	10,450	1,456	1,926	5,741	2,495	2,272	974	1,327
Slightly milky	1,687	20	426	1,031	440	142	449	210
Muddy	148	1	8	107	80	18	9	32
Unknown	704	88	205	340	256	71	13	71

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Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>WATER QUALITY/COLOR</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	10,862	1,458	1,981	6,107	2,830	2,315	962	1,316
Tea	1,558	25	382	870	295	118	457	281
Coffee	120	3	20	93	60	16	17	4
Unknown	449	79	182	149	86	54	9	39
<b>WATER QUALITY/ODOR</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	11,104	1,478	2,269	6,230	2,693	2,325	1,212	1,127
Chlorine	636	6	21	142	62	77	3	467
Musty	708	1	75	627	365	43	219	5
Rotten eggs	82	1	10	70	66	4	0	1
Unknown	459	79	190	150	85	54	11	40
<b>WATER TREATMENT</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	9,123	873	1,599	5,845	2,851	2,043	951	806
Screened	1,141	184	190	492	103	206	183	275
Filtered	376	196	19	142	48	67	27	19
Settled	344	127	100	88	57	28	3	29
Boiled	1,603	106	490	537	163	103	271	470
Unknown	402	79	167	115	49	56	10	41
<b>WATER DISINFECTION</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Present	1,219	216	139	457	132	179	146	407
Absent	11,189	1,261	2,216	6,532	3,008	2,261	1,263	1,180
Unknown	581	88	210	230	131	63	36	53
<b>DRINKING WATER POLLUTION SOURCE</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	9,162	1,212	1,982	4,418	1,914	1,502	1,002	1,550
Latrines	239	7	23	199	131	68	0	10
Refuse pit	99	2	4	89	27	44	18	4
Waste water bath-Laundry	762	84	30	641	503	133	5	7
Animals	2,190	181	321	1,659	550	706	403	29
Unknown	537	79	205	213	146	50	17	40

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Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>EXCRETA DISPOSAL FACILITY</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
None	3,509	108	1,014	2,381	940	562	879	6
Flush Toilet	1,005	101	253	255	80	132	43	396
Water seal privy	238	14	31	177	49	48	80	16
Pit privy	4,806	1,129	808	1,701	481	1,149	71	1,168
Over water benjo	2,721	109	284	2,327	1,541	488	298	1
Pit or trench	251	0	11	215	112	74	29	25
Unknown	358	79	133	120	63	38	19	26
<b>EXCRETA DISPOSAL SYSTEM</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
None	7,110	1,202	1,417	3,529	1,327	1,467	735	962
Sewered	488	3	170	118	52	66	0	197
Septic tank	452	75	69	152	40	77	35	156
Cesspool	572	3	194	246	57	138	51	129
Ocean	3,253	87	496	2,650	1,559	533	558	20
Other	416	4	27	308	109	167	32	77
Unknown	597	166	161	173	122	43	8	97
<b>POST BM CLEANSING MEDIA</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Paper	4,221	1,080	509	1,228	399	584	245	1,404
Leaves	2,379	10	399	1,968	468	1,047	453	2
Water	272	3	65	204	78	69	57	0
Coconut husks	2,485	235	4	2,246	1,417	515	314	0
Sticks	7	0	1	6	1	2	3	0
Rocks	38	0	0	38	9	5	24	0
Other	60	0	41	19	3	9	7	0
Unknown	3,426	212	1,515	1,467	891	260	316	232
<b>REFUSE DISPOSAL</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	1,563	397	27	1,052	521	311	220	87
Landfill	666	57	48	522	89	265	168	39
Burning	1,823	48	498	705	241	232	232	572
Pit	1,934	317	460	1,105	679	225	201	52
Open dump	3,211	549	529	1,596	389	751	456	537
Ocean	3,249	113	843	2,120	1,280	680	160	173
Unknown	543	84	160	119	72	39	8	180

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Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>REFUSE HAULING</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	9,239	702	1,618	6,259	2,871	2,056	1,332	660
Private	2,007	416	392	601	277	321	3	598
TT Government	1,236	361	404	242	63	77	102	229
Unknown	507	86	151	117	60	49	8	153
<b>PREDOMINANT REFUSE</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Paper-cardboard	1,226	94	223	344	141	129	74	565
Cans-bottles	3,699	764	656	1,411	566	580	265	868
Plant-vegetables	7,106	602	1,425	4,955	2,221	1,665	1,069	124
Rock-soil	302	1	24	277	221	53	3	0
Unknown	555	79	206	189	117	64	8	81
<b>TYPE OF HOUSING UNIT</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Permanent	7,252	1,382	1,243	3,090	1,487	1,015	588	1,537
Rustic	4,339	34	1,013	3,244	1,360	1,153	731	48
Improvised	818	21	115	659	319	255	85	23
Not intended for habitation	99	10	16	70	40	25	5	3
Unknown	380	93	147	113	60	43	10	27
<b>TENURE</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Owner/proprietor	10,361	1,334	1,412	6,331	2,905	2,163	1,263	1,284
Renter	1,200	57	558	348	115	159	74	237
Other	734	68	241	340	145	124	71	85
Unknown	593	81	323	157	101	45	11	32
<b>ROOMS</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
1	4,630	192	914	3,479	1,595	1,049	835	45
2	3,084	412	680	1,844	819	679	346	148
3	1,983	387	423	877	371	357	149	296
4	1,184	247	181	407	208	164	35	349
5	715	108	108	187	105	70	12	312
6	417	63	52	111	62	40	9	191
7	259	24	13	53	19	27	7	169
8	100	10	8	28	10	5	13	54
9+	135	4	6	77	11	63	3	48
Unknown	381	93	149	113	66	37	10	26

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Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>DWELLING ROOMS</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
1	5,647	366	1,008	4,207	2,049	1,229	929	66
2	2,929	464	658	1,565	569	685	311	242
3	1,906	333	406	750	326	322	102	417
4	933	184	101	273	144	97	32	375
5	492	63	36	120	60	45	15	273
6	216	21	15	41	22	17	2	139
7	94	12	9	12	4	5	3	61
8	41	2	0	20	6	2	12	19
9+	95	3	4	70	14	53	3	18
Unknown	535	92	297	118	72	36	10	28
Average persons per dwell room	--	3.05	3.85	--	4.65	4.09	3.05	1.75
Average dwell rooms/HHld	--	2.47	1.92	--	1.65	1.80	1.56	3.82
<b>FLOOR MATERIAL</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Concrete	1,334	97	208	730	308	318	104	299
Wood	8,402	1,239	1,639	4,214	1,831	1,913	470	1,310
Bamboo	513	131	8	373	21	20	332	1
Dirt	1,560	1	391	1,163	857	69	237	5
Other	816	6	173	634	196	148	290	3
Unknown	364	91	146	105	58	35	12	22
<b>ROOF MATERIAL</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Concrete	247	6	19	73	13	42	18	149
Sheet metal	7,243	1,301	1,249	3,288	1,536	1,190	562	1,405
Thatch	4,709	153	901	3,626	1,588	1,208	830	29
Other	315	14	236	32	12	16	4	33
Unknown	475	91	160	200	122	47	31	24
<b>WALL MATERIAL</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Concrete	858	103	76	407	181	171	55	272
Wood	6,607	577	1,666	3,209	937	1,769	503	1,155
Sheet metal	2,743	776	106	1,678	1,079	247	352	183
Thatch	2,168	10	559	1,599	966	205	428	0
Other	245	8	13	221	50	76	95	3
Unknown	368	91	145	105	58	35	12	27

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Subject	TTPI	Palau	Marshalls	FSM	Chuuk	Pohnpei/Kosrae	Yap	Marianas
<b>DETERIORATION</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	1,961	316	332	955	394	351	210	358
Negligible	5,122	787	1,015	2,574	919	934	721	746
Modrate Repair Needed	4,328	266	910	2,750	1,294	1,043	413	402
Severe	1,199	105	156	828	599	139	90	110
Unknown	379	91	152	112	65	36	11	24
<b>VENTILATION ADEQUATE</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Yes	10,302	1,369	2,029	5,359	2,479	1,972	908	1,545
No	2,279	104	375	1,740	725	491	524	60
Unknown	408	92	161	120	67	40	13	35
<b>WINDOWS SCREENED</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Yes	1,698	147	251	785	292	335	158	515
No	10,020	1,231	2,032	5,931	2,791	1,981	1,159	826
Partial	871	100	119	378	121	147	110	274
Unknown	400	87	163	125	67	40	18	25
<b>MOSQUITO NETS USED</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
Yes	6,017	506	696	4,674	2,378	1,647	649	141
No	6,483	972	1,691	2,350	783	796	771	1,470
Unknown	489	87	178	195	110	60	25	29
<b>WATER PIPED</b>								
Total	12,989	1,565	2,565	7,219	3,271	2,503	1,445	1,640
None	9,564	890	2,270	6,197	2,750	2,092	1,355	207
Inside house	1,931	232	111	314	127	133	54	1,274
Outside house < 300 feet	1,027	351	28	522	302	211	9	126
Other	110	10	5	84	44	24	16	11
Unknown	357	82	151	102	48	43	11	22
<b>TOILET FACILITY</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
None	4,326	107	1,139	3,051	1,317	697	1,037	29
Private	5,251	1,170	762	1,821	469	1,195	157	1,498
Shared	2,869	183	469	2,131	1,394	530	207	86
Unknown	442	80	164	173	86	69	18	25

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<b>BATH FACILITY</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Private	5,808	963	1,217	2,134	455	1,350	329	1,494
Shared	4,269	287	452	3,451	2,132	888	431	79
Other	2,281	207	578	1,456	603	208	645	40
Unknown	530	83	287	135	76	45	14	25
<b>LIGHTING</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Electricity	2,633	685	200	309	123	108	78	1,439
Gas	104	5	14	85	58	17	10	0
Kerosene	9,574	764	2,124	6,530	2,931	2,313	1,286	156
Other	205	4	50	130	87	9	34	21
Unknown	372	82	146	122	67	44	11	22
<b>COOKING FACILITY</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Kitchen	3,555	714	620	811	383	277	151	1,410
Cook house	7,828	700	1,443	5,508	2,390	1,926	1,192	177
Other	1,100	41	319	721	412	246	63	19
Unknown	405	85	152	136	81	42	13	32
<b>COOKING FUEL</b>								
Total	12,888	1,540	2,534	7,176	3,266	2,491	1,419	1,638
Electricity	985	223	50	183	82	56	45	529
Gas	133	12	57	62	30	26	6	2
Kerosene	2,567	532	862	1,098	390	453	255	75
Wood	6,169	662	446	4,056	2,124	1,612	320	1,005
Charcoal	42	0	39	3	1	1	1	0
Coconut shell	2,556	19	913	1,624	548	298	778	0
Other	74	10	23	38	24	10	4	3
Unknown	362	82	144	112	67	35	10	24

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