

PASCAS FOUNDATION (PNG) Inc

PASCAS FOUNDATION (PNG) Inc

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PASCAS FOUNDATION (PNG) Inc OPERATING STATEMENT STATEMENT of FINANCIAL PERFORMANCE	\$ = AUD					2
	2025	2026	2027	2028	30 Jun 2029	2030
	AU\$1.00 = USD 0.65					PGK 2.50
REVENUE (being grant subsidy)	\$0	\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
Less:						
DIRECT COSTS	0	258,616	787,626	15,108,196	98,788,260	100,422,650
ADMINISTRATION COSTS	0	6,087,790	10,759,165	14,204,797	21,187,006	23,086,281
PROFIT before STAFF INCENTIVE	0	-6,268,406	-11,143,791	-13,378,503	-14,935,156	-18,143,821
Less:						
STAFF INCENTIVE	0	0	0	0	0	0
NET PROFIT CONTRIBUTION before Scholarships Granted overseas	0	-6,268,406	-11,143,791	-13,378,503	-14,935,156	-18,143,821
PROFIT before Interest & Depreciation	0	-73,268,406	-145,143,791	-214,378,503	-258,935,156	-281,143,821
Interest	0	0	0	0	0	0
Depreciation	0	39,777,381	85,180,761	147,122,142	180,899,523	214,676,903
Other costs - borrowing	0	0	0	0	0	0
OPERATING PROFIT	0	-113,045,787	-230,324,552	-361,500,645	-439,834,679	-495,820,724
Income Tax Expense	0	0	0	0	0	0
PROFIT after Tax	0	-113,045,787	-230,324,552	-361,500,645	-439,834,679	-495,820,724
TOTAL GRANTS FUNDING received	0	1,266,400,000	1,399,400,000	1,724,400,000	1,373,400,000	1,392,700,000
Less						
Grants previously treated as Revenue	0	-78,000	-403,000	-15,934,490	-105,040,110	-105,365,110
Dividends Paid	0	0	0	0	0	0
RETAINED EARNINGS	\$0	\$1,153,276,213	\$1,168,672,448	\$1,346,964,865	\$828,525,211	\$791,514,166

KEY FINANCIAL DATA	2026	2027	2028	2029	2030
REVENUE	\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
EBITDA	-\$73,268,406	-\$145,143,791	-\$214,378,503	-\$258,935,156	-\$281,143,821
DEPRECIATION	\$39,777,381	\$85,180,761	\$147,122,142	\$180,899,523	\$214,676,903
EBIT	-\$113,045,787	-\$230,324,552	-\$361,500,645	-\$439,834,679	-\$495,820,724
NET CASH GENERATED	-\$73,289,856	-\$145,226,449	-\$217,461,293	-\$276,756,280	-\$281,208,821

PASCAS FOUNDATION (PNG) Inc

\$ = AUD 30 Jun **4**

KEY RATIOS

2025 2026 2027 2028 2029 2030

KEY PERFORMANCE INDICATORS (KPI's) A

AU\$1.00 = USD 0.65 PGK 2.50

SALES	\$0	\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
EBIT (earnings before interest & tax)	0	-113,045,787	-230,324,552	-361,500,645	-439,834,679	-495,820,724
Operating profit after Tax (OPAT)	0	-113,045,787	-230,324,552	-361,500,645	-439,834,679	-495,820,724
Total assets	0	1,153,277,513	2,321,955,378	3,669,179,101	4,499,189,406	5,290,708,988
Total tangible assets	0	1,153,277,513	2,321,955,378	3,669,179,101	4,499,189,406	5,290,708,988
Net tangible assets (total SHF - intangible assets)	0	1,153,276,213	2,321,948,661	3,668,913,526	4,497,438,738	5,288,952,903
Total liabilities	0	1,300	6,717	265,575	1,750,669	1,756,085
Shareholders funds	0	1,153,276,213	2,321,948,661	3,668,913,526	4,497,438,738	5,288,952,903
Finance charges	0	0	0	0	0	0
	8.00%					
RETURN on SALES (EBIT / sales)	0.0%	-144930.5%	-57152.5%	-2268.7%	-418.7%	-470.6%
OPAT / Sales % (opat / sales)	0.0%	-144930.5%	-57152.5%	-2268.7%	-418.7%	-470.6%
Return on Assets % (opat / tangible assets)	0.0%	-9.8%	-9.9%	-9.9%	-9.8%	-9.4%
Return on Equity (EBIT / equity)	#DIV/0!	-9.8%	-9.9%	-9.9%	-9.8%	-9.4%
Liability ratio (total liabilities / equity)	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%
Debt Ratio (total liabilities / total assets)	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%
NET INTEREST COVER (profit+interest+tax+dep/interest)						
Gearing Ratio (total liabilities / tangible assets)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Secured Debt ratio (long term debt / equity)	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%
CURRENT RATIO (current assets / current liabilities)	#DIV/0!	33,708.0	4,882.6	187.5	38.0	44.7
Quick Assets Ratio (current assets-stock / current liabilities - OD)	#DIV/0!	33,695.5	4,871.1	179.5	30.0	36.7
Working Capital (current assets - current liabilities)	0	43,819,077	32,787,770	49,540,260	64,730,478	76,687,030
LONG-TERM CREDIT RATING DATA						
EBIT interest coverage (x)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
EBITDA interest coverage (x)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Funds flow/total debt (%)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Free operating cash flow / total debt (%)		Err:508	Err:508	Err:508	Err:508	Err:508
Return on capital (%)		-19.6%	-13.3%	-12.1%	-10.8%	-10.1%
Operating income / sales (%)		-93933.9%	-36015.8%	-1345.4%	-246.5%	-266.8%
Long-term debt / capital (%)		0.0%	0.0%	0.0%	0.0%	0.0%
Total debt / capital (incl. STD) (%)		0.0%	0.0%	0.0%	0.0%	0.0%

PROJECTED - CREDIT RATING RANKING	2026	2027	2028	2029	2030
EBIT interest coverage (x)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
EBITDA interest coverage (x)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Funds flow/total debt (%)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Free operating cash flow / total debt (%)	Err:508	Err:508	Err:508	Err:508	Err:508
Return on capital (%)	<B	<B	<B	<B	<B
Operating income / sales (%)	<B	<B	<B	<B	<B
Long-term debt / capital (%)	AAA	AAA	AAA	AAA	AAA
Total debt / capital (incl. STD) (%)	AAA	AAA	AAA	AAA	AAA

Overall Projected Credit Rating	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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PASCAS FOUNDATION (PNG) Inc
\$ = AUD

30 Jun

5
KEY RATIOS

2026

2027

2028

2029

2030

KEY PERFORMANCE INDICATORS (KPI's) B

AU\$1.00 = USD 0.65

PGK 2.50

Current Assets	\$43,820,377	\$32,794,486	\$49,805,835	\$66,481,146	\$78,443,115
Fixed Assets	\$1,109,457,136	\$2,289,160,891	\$3,619,373,266	\$4,432,708,260	\$5,212,265,873
Total Assets	\$1,153,277,513	\$2,321,955,378	\$3,669,179,101	\$4,499,189,406	\$5,290,708,988

Ratio of Current Assets	3.8%	1.4%	1.4%	1.5%	1.5%
Ratio of Fixed Assets	96.2%	98.6%	98.6%	98.5%	98.5%

Current Liabilities	\$1,300	\$6,717	\$265,575	\$1,750,669	\$1,756,085
Long Term Liabilities	\$0	\$0	\$0	\$0	\$0
Equity	\$1,153,276,213	\$2,321,948,661	\$3,668,913,526	\$4,497,438,738	\$5,288,952,903
Total Liabilities	\$1,153,277,513	\$2,321,955,378	\$3,669,179,101	\$4,499,189,406	\$5,290,708,988

Equity to Fixed Assets Ratio A	103.9%	101.4%	101.4%	101.5%	101.5%
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equity capital in relation to fixed assets

Equity to Fixed Assets Ratio B	103.9%	101.4%	101.4%	101.5%	101.5%
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equity capital + long-term liabilities in relation to fixed assets

Debt Ratio	0.0%	0.0%	0.0%	0.0%	0.0%
Equity Ratio	100.0%	100.0%	100.0%	100.0%	100.0%

Liquidity

Cash	\$43,797,627	\$32,683,661	\$46,353,362	\$43,722,456	\$55,614,008
Receivables - Debtors	\$6,500	\$33,583	\$1,327,874	\$8,753,343	\$8,780,426
Current Assets	\$43,820,377	\$32,794,486	\$49,805,835	\$66,481,146	\$78,443,115
Current Liabilities	\$1,300	\$6,717	\$265,575	\$1,750,669	\$1,756,085

Cash Ratio	3369048.3%	486605.4%	17454.0%	2497.5%	3166.9%
Quick Ratio	3369548.3%	487105.4%	17954.0%	2997.5%	3666.9%
Current Ratio	3370798.3%	488255.4%	18754.0%	3797.5%	4466.9%

WORKING CAPITAL DATA

Days stock held	72	66	45	45	45
Days stores held	3	3	3	3	3
Days debtors	30	30	30	30	30
Days creditors	6	6	6	6	6

RETURN on FUNDS INVESTED (ROI)

LOAN / PROJECT FUNDS required	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000
EBIT	-113,045,787	-230,324,552	-361,500,645	-439,834,679	-495,820,724
ROI ratio against Funding Request	-1130.5%	-2303.2%	-3615.0%	-4398.3%	-4958.2%
LOAN FUNDS + RETAINED EQUITY	1,153,276,213	2,321,948,661	3,668,913,526	4,497,438,738	5,288,952,903
ROI ratio against Loans + Equity	-9.8%	-9.9%	-9.9%	-9.8%	-9.4%
After Tax Profit before Dividends Paid	1,153,276,213	1,168,672,448	1,346,964,865	828,525,211	791,514,166
Prior Year retained Equity	0	1,153,276,213	2,321,948,661	3,668,913,526	4,497,438,738
ROI based on Prior Year Equity	#DIV/0!	101.3%	58.0%	22.6%	17.6%

Standard & Poor's ratio for:

RETURN ON CAPITAL =
EBIT

 Average of beginning of year and end of year capital, including short-term debt, current maturities, long-term debt, non-current deferred taxes, and equity.

PASCAS FOUNDATION (PNG) Inc
\$ = AUD

30 Jun

AU\$1.00 = USD 0.65

PGK 2.50

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PRODUCTION
REVENUE

	2024	2025	2026	2027	2028	2029	2030
	relative to capital cost			Achievable target pricing			0.0%
HIGH SCHOOL LAND & BUILDINGS	10%	\$0	\$0	\$7,328,520	\$7,328,520	\$7,328,520	\$7,328,520
TAFE & CRAFT CREATIONS sites	10%	\$0	\$0	\$7,877,970	\$7,877,970	\$7,877,970	\$7,877,970
UNIVERSITY LAND & BUILDINGS	10%	\$0	\$0	\$0	\$14,955,620	\$14,955,620	\$14,955,620
HOSPITAL LAND & BUILDINGS	15%	\$0	\$0	\$0	\$60,000,000	\$60,000,000	\$60,000,000
FIRST AID POST	10%	\$78,000	\$273,000	\$468,000	\$663,000	\$858,000	\$858,000
CLINICS LAND & BUILDINGS	10%	\$0	\$130,000	\$260,000	\$390,000	\$520,000	\$520,000
COMMUNITY CENTRE	10%	\$0	\$0	\$0	\$260,000	\$260,000	\$260,000
EDUCATION COMPLEX TARI / DAULI	10%	\$0	\$0	\$0	\$13,500,000	\$13,500,000	\$13,500,000
MOBILE CLINIC	10%	\$0	\$0	\$0	\$65,000	\$65,000	\$65,000

Future Products average

10% \$0 \$0 \$0 \$0 \$0

RECURRENT COSTS GRANT

			\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
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Less dealer margin	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
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PRODUCT SALES VOLUME

	once opened to public	No.	Achievable target volume			0.0%	
HIGH SCHOOL LAND & BUILDINGS	1	0	0	1	1	1	
TAFE & CRAFT CREATIONS sites	1	0	0	1	1	1	
UNIVERSITY LAND & BUILDINGS	1	0	0	0	1	1	
HOSPITAL LAND & BUILDINGS	1	0	0	0	1	1	
FIRST AID POST	per annum	5	2	7	12	17	22
CLINICS LAND & BUILDINGS	per annum	1	0	1	2	3	4
COMMUNITY CENTRE		1	0	0	0	1	1
EDUCATION COMPLEX TARI / DAULI		1	0	0	0	1	1
MOBILE CLINIC		1	0	0	0	1	1

Royalty Payable	0%	0%	0%	0%	0%	0%	0%
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CONSUMABLES COST

	of revenue						
HIGH SCHOOL LAND & BUILDINGS	per centre	5%	\$0	\$0	\$366,426	\$366,426	\$366,426
TAFE & CRAFT CREATIONS sites	per centre	7%	0	0	551,458	551,458	551,458
UNIVERSITY LAND & BUILDINGS	per centre	7%	0	0	0	1,046,893	1,046,893
HOSPITAL LAND & BUILDINGS	per centre	12%	0	0	0	7,200,000	7,200,000
FIRST AID POST	per centre	12%	9,360	32,760	56,160	79,560	102,960
CLINICS LAND & BUILDINGS	per centre	12%	0	15,600	31,200	46,800	62,400
COMMUNITY CENTRE	per centre	10%	0	0	0	26,000	26,000
EDUCATION COMPLEX TARI / DAULI	per centre	7%	0	0	0	945,000	945,000
MOBILE CLINIC	per centre	15%	0	0	0	9,750	9,750

TOTAL CONSUMABLES COST

	\$9,360	\$48,360	\$1,005,244	\$10,271,887	\$10,310,887
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Freight Inward Costs

	5.0%	5.0%	5.0%	5.0%	5.0%
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EMPLOYEE COSTS

	of revenue			\$ = AUD			
HIGH SCHOOL LAND & BUILDINGS	per centre	62%	\$0	\$0	\$4,543,682	\$4,543,682	\$4,543,682
TAFE & CRAFT CREATIONS sites	per centre	62%	0	0	4,884,341	4,884,341	4,884,341
UNIVERSITY LAND & BUILDINGS	per centre	62%	0	0	0	9,272,484	9,272,484
HOSPITAL LAND & BUILDINGS	per centre	62%	0	0	0	37,200,000	37,200,000
FIRST AID POST	per centre	62%	48,360	169,260	290,160	411,060	531,960
CLINICS LAND & BUILDINGS	per centre	62%	0	80,600	161,200	241,800	322,400
COMMUNITY CENTRE	per centre	62%	0	0	0	161,200	161,200
EDUCATION COMPLEX TARI / DAULI	per centre	62%	0	0	0	8,370,000	8,370,000
MOBILE CLINIC	per centre	62%	0	0	0	40,300	40,300

TOTAL EMPLOYEE COSTS

	\$48,360	\$249,860	\$9,879,384	\$65,124,868	\$65,326,368
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OPERATING COSTS DIRECT

HIGH SCHOOL LAND & BUILDINGS	per centre	20%	\$0	\$0	\$1,465,704	\$1,465,704	\$1,465,704
TAFE & CRAFT CREATIONS sites	per centre	20%	0	0	1,575,594	1,575,594	1,575,594
UNIVERSITY LAND & BUILDINGS	per centre	20%	0	0	0	2,991,124	2,991,124
HOSPITAL LAND & BUILDINGS	per centre	20%	0	0	0	12,000,000	12,000,000
FIRST AID POST	per centre	20%	15,600	54,600	93,600	132,600	171,600
CLINICS LAND & BUILDINGS	per centre	20%	0	26,000	52,000	78,000	104,000
COMMUNITY CENTRE	per centre	20%	0	0	0	52,000	52,000
EDUCATION COMPLEX TARI / DAULI	per centre	20%	0	0	0	2,700,000	2,700,000
MOBILE CLINIC	per centre	20%	0	0	0	13,000	13,000

TOTAL OPERATING COSTS

	\$15,600	\$80,600	\$3,186,898	\$21,008,022	\$21,073,022
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Workers Compensation Insurance

on costs	2.5%	2.5%	2.5%	2.5%	2.5%
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Superannuation

on costs	10.0%	10.0%	10.0%	10.0%	10.0%
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Bank Fees

of sales	3.0%	3.0%	3.0%	3.0%	3.0%
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Staff Incentive before tax

	7.5%	7.5%	7.5%	7.5%	7.5%
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**PASCAS FOUNDATION (PNG) Inc
PRODUCTION continued:**

Salaries - Administration	loading	Ratio of Administration cost growth				
		0.5	1.0	1.2	1.4	1.6
RAIT PASCAS Foundation PNG Inc						
DIRECTORS	5	30.0%	\$200,000	\$1,300,000		Directors - Executive
Executive Directors - All Schools, Univerity, Hospitals	3	30.0%	150,000	\$585,000		
Executive Directors - Finance	3	30.0%	100,000	\$390,000		
Executive Human Resources Manager	1	30.0%	120,000	\$156,000		
Human Resources Officers	3	30.0%	85,000	\$331,500		
General Manager	3	30.0%	100,000	\$390,000		
Marketing Manager	1	30.0%	85,000	\$110,500		
Marketing Officers	3	30.0%	85,000	\$331,500		
Sales Manager	3	30.0%	85,000	\$331,500		
Production Manager	3	30.0%	85,000	\$331,500		
Information Technology Manager	1	30.0%	85,000	\$110,500		
Information Technology Officers	3	30.0%	85,000	\$331,500		
Technical Engineer	3	30.0%	70,000	\$273,000		
Quality Control Officers	3	30.0%	60,000	\$234,000		Directors - Non Exec
Administrative Manager	3	30.0%	50,000	\$195,000		\$60,000
Secretary	3	30.0%	35,000	\$136,500		60,000
Shipping	3	30.0%	35,000	\$136,500		60,000
Other Staff	20	30.0%	35,000	\$910,000		60,000
Security	15	30.0%	35,000	\$682,500		60,000
Non Execitive Directors	5	30.0%	60,000	\$390,000		
Sub Contractors	20	30.0%	50,000	\$1,300,000		<u>\$300,000</u>
Administration Salaries Total	107 (full time)			<u>\$8,957,000</u>		

PASCAS FOUNDATION (PNG) Inc
PROFIT & LOSS

	30 Jun			AUS\$1.00 = USD 0.65		PGK 2.50	7
	2024	2025	2026	2027	2028	2029	2030
REVENUE	\$ = AUD						
HIGH SCHOOL LAND & BUILDINGS	\$0	\$0	\$0	\$0	\$7,328,520	\$7,328,520	\$7,328,520
TAFE & CRAFT CREATIONS sites	0	0	0	0	7,877,970	7,877,970	7,877,970
UNIVERSITY LAND & BUILDINGS	0	0	0	0	0	14,955,620	14,955,620
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	60,000,000	60,000,000
FIRST AID POST	0	0	78,000	273,000	468,000	663,000	858,000
CLINICS LAND & BUILDINGS	0	0	0	130,000	260,000	390,000	520,000
COMMUNITY CENTRE	0	0	0	0	0	260,000	260,000
EDUCATION COMPLEX TARI / DAULI	0	0	0	0	0	13,500,000	13,500,000
MOBILE CLINIC	0	0	0	0	0	65,000	65,000
TOTAL SALES / GRANTS	\$0	\$0	\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
Less:							
Royalty	0	0	0	0	0	0	0
TOTAL REVENUE	\$0	\$0	\$78,000	\$403,000	\$15,934,490	\$105,040,110	\$105,365,110
OPERATING COSTS							
Consumable variable to Total Revenue							
HIGH SCHOOL LAND & BUILDINGS	0	0	0	0	366,426	366,426	366,426
TAFE & CRAFT CREATIONS sites	0	0	0	0	551,458	551,458	551,458
UNIVERSITY LAND & BUILDINGS	0	0	0	0	0	1,046,893	1,046,893
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	7,200,000	7,200,000
FIRST AID POST	0	0	18,720	229,320	673,920	1,352,520	2,265,120
CLINICS LAND & BUILDINGS	0	0	0	15,600	62,400	140,400	249,600
COMMUNITY CENTRE	0	0	0	0	0	26,000	26,000
EDUCATION COMPLEX TARI / DAULI	0	0	0	0	0	945,000	945,000
MOBILE CLINIC	0	0	0	0	0	9,750	9,750
Total Consumable Costs	0	0	18,720	244,920	1,654,204	11,638,447	12,660,247
Total Employee Costs	0	0	48,360	249,860	9,879,384	65,124,868	65,326,368
Operating Costs Direct	0	0	15,600	80,600	3,186,898	21,008,022	21,073,022
Freight Inwards	0	0	936	12,246	82,710	581,922	633,012
Professional Support Contractors	0	0	40,000	50,000	150,000	250,000	500,000
Repairs & Maintenance	0	0	15,000	25,000	30,000	35,000	50,000
Transport	0	0	120,000	125,000	125,000	150,000	180,000
TOTAL DIRECT COSTS	\$0	\$0	\$258,616	\$787,626	\$15,108,196	\$98,788,260	\$100,422,650
ADMINISTRATION COSTS							
Advertising	0	0	400,000	400,000	550,000	650,000	650,000
Travelling & Accommodation	0	0	160,000	180,000	220,000	250,000	280,000
Bank Fees	0	0	2,340	12,090	478,035	3,151,203	3,160,953
Debt Collection	0	0	390	2,015	79,672	525,201	526,826
Occupancy Costs	0	0	70,000	75,000	80,000	85,000	90,000
Repairs & Maintenance	0	0	20,000	25,000	30,000	35,000	40,000
General Expenses	0	0	75,000	100,000	100,000	100,000	100,000
Administration Salaries	0	0	4,478,500	8,957,000	10,748,400	12,539,800	14,331,200
Administration Other	0	0	280,000	400,000	900,000	1,000,000	1,000,000
Directors Fees	0	0	300,000	300,000	300,000	300,000	300,000
Research & Development	0	0	300,000	300,000	400,000	450,000	500,000
Sundry Expenses	0	0	1,560	8,060	318,690	2,100,802	2,107,302
TOTAL ADMINISTRATION COSTS	0	0	6,087,790	10,759,165	14,204,797	21,187,006	23,086,281
TOTAL OPERATING COSTS	\$0	\$0	\$6,346,406	\$11,546,791	\$29,312,993	\$119,975,266	\$123,508,931
PROFIT before STAFF INCENTIVE	0	0	-6,268,406	-11,143,791	-13,378,503	-14,935,156	-18,143,821
STAFF INCENTIVE	0	0	0	0	0	0	0
NET PROFIT CONTRIBUTION before Scholarships Granted overseas	\$0	\$0	-\$6,268,406	-\$11,143,791	-\$13,378,503	-\$14,935,156	-\$18,143,821
NET PROFIT CONTRIBUTION	\$0	\$0	-\$73,268,406	-\$145,143,791	-\$214,378,503	-\$258,935,156	-\$281,143,821

PASCAS FOUNDATION (PNG) Inc **\$ = AUD** 30 Jun AU\$1.00 = USD 0.65 PGK 2.50 **8**
 2024 2025 2026 2027 2028 2029 2030

FUNDING

GRANT FUNDING

INITIATING WORKING CAPITAL GRANT		\$50,000,000		\$30,000,000	\$30,000,000	\$30,000,000
LAND & BUILDINGS		\$994,200,000	\$1,104,800,000	\$1,216,800,000	\$844,200,000	\$844,200,000
PLANT & EQUIPMENT		\$100,000	\$10,100,000	\$110,600,000	\$100,000	\$100,000
RECURRENT COSTS (subsidised client fees)		\$100,000	\$500,000	\$16,000,000	\$105,100,000	\$105,400,000
SCHOLARSHIPS		\$67,000,000	\$134,000,000	\$201,000,000	\$244,000,000	\$263,000,000
HOUSING ACCOMMODATION		\$150,000,000	\$150,000,000	\$150,000,000	\$150,000,000	\$150,000,000
COMMERCIAL OFFICE		\$5,000,000	\$0	\$0	\$0	\$0
TOTAL GRANT FUNDINGS		\$0	\$1,266,400,000	\$1,399,400,000	\$1,724,400,000	\$1,373,400,000
	\$7,156,300,000					

Financing:

Not-for-profit organisations do not have equity partners:

Equity Capital		\$0	\$0	\$0	\$0	\$0	\$0
Share Placement Costs		\$0	\$0	\$0	\$0	\$0	\$0
	5%						
Equity Capital net raising		\$0	\$0	\$0	\$0	\$0	\$0

\$0 Equity Capital AUD

\$7,156,300,000 Grant Funding AUD

\$7,156,300,000 Total Funding AUD

Principal Debt Amount	example	0	\$10,000,000	\$0	\$0	\$0	\$0
Draw down Month		first 8 mths					
Interest Rate %		8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
	8%						
Capital Repayments (10% per annum)		0	0	0	1,000,000	1,000,000	1,000,000
	10%						
FLAT PRINCIPAL REPAYMENTS							
Balance	example	0	10,000,000	10,000,000	9,000,000	8,000,000	7,000,000
Principal reductions		0	0	0	1,000,000	1,000,000	1,000,000
	existing loan						
Interest		0	800,000	800,000	720,000	640,000	560,000
Total monthly payments			66,667	66,667	143,333	136,667	130,000
PRINCIPAL & INTEREST AMORTISED							
Principal Amount	example	10,000,000	8,295,435	6,454,506	4,466,302	2,319,041	0
Amortised equally over years being	5	-2,504,565	-2,504,565	-2,504,565	-2,504,565	-2,504,565	-2,504,565
Interest Rate per annum fixed %	8%		800,000	663,635	516,360	357,304	185,523
Principal Reduction annually			1,704,565	1,840,930	1,988,204	2,147,260	2,319,041
Repayments Monthly of principal	12		142,047	153,411	165,684	178,938	193,253
Total monthly payments			208,714	208,714	208,714	208,714	208,714

PASCAS FOUNDATION (PNG) Inc is a not-for-profit

Dividends are not payable under its constitution:

This is an example practice:

Dividend (from prior year profit)							
As % net profit after tax		0.0%	0.0%	0.0%	20.0%	40.0%	50.0%

TAXATION RECONCILIATION

Operating Profit	\$0	-\$113,045,787	-\$230,324,552	-\$361,500,645	-\$439,834,679	-\$495,820,724
Adjustments:						
Add Back Depreciation	0	39,777,381	85,180,761	147,122,142	180,899,523	214,676,903
Less Taxation based Depreciation 20.00%	0	20,000	2,040,000	24,160,000	24,180,000	24,200,000
Adjusted Taxable Profit	0	-73,288,406	-147,183,791	-238,538,503	-283,115,156	-305,343,821
Past Years Tax Losses b/f	0	0	-73,288,406	-220,472,197	-459,010,700	-742,125,856
TAXABLE INCOME to be assessed	0	-73,288,406	-220,472,197	-459,010,700	-742,125,856	-1,047,469,677
TAXABLE INCOME to be assessed on after deducting past tax losses	0	0	0	0	0	0
Income Tax Expense 30.00%	0	0	0	0	0	0
Taxation Paid	0	0	0	0	0	0
Provision for Tax	0	0	0	0	0	0
Future Tax	0	0	0	0	0	0

NOTE: Income Tax credits from tax losses are not cash receipts in the year of loss.

CARRIED FORWARD TAX LOSSES	0	73,288,406	220,472,197	459,010,700	742,125,856	1,047,469,677
Notional Value of Tax Losses at end of year: CARRIED FORWARD TAX CREDITS 30.00%		\$21,986,522	\$66,141,659	\$137,703,210	\$222,637,757	\$314,240,903

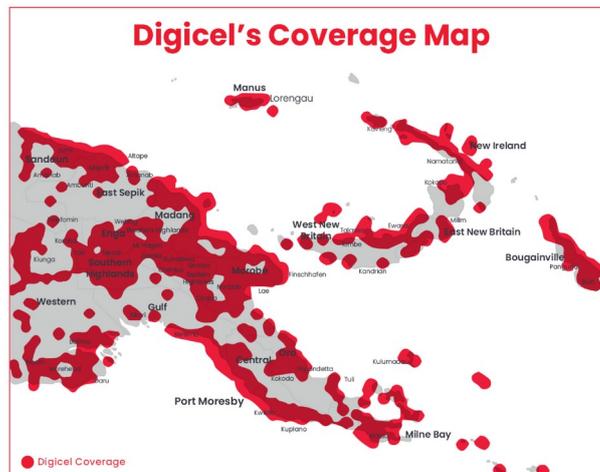
Research & Development taxation extra benefits have not been accounted for.

Note receipts are possible for:
 Export Market Development Grant
 Research & Development
 Commercialising Emerging Technologies
 Innovation Start Up Scheme
 State Grants include
 Commonwealth Grants include

Government Taxable Grants:
 EMDG upto 50% of export promotion costs.
 R & D tax claims can be 125% to 175% or cash grant to 52.5% of costs.
 COMET innovation aid on 80:20 basis.
 ISUS State grant 80:20 basis for start up support.
 CIV - QIDS - QMI - E-ComDG - QSEIF - QSTDP
 ITOL - NHMCD - RECP - BioStart - BioTech

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CAPITALISATION RATES could fall within these guidelines:

				LOAN to VALUE RATIOS		
				90%	LVR	
Residential				80%		
Homes Units, Villas & Townhouses				50%		
Land Subdivisions				75%	-	80%
Office Building	5.00%	-	9.00%	75%	-	80%
Factories	9.25%	-	10.50%	75%	-	80%
Show Rooms / Warehouses	9.50%	-	10.50%	75%	-	80%
Shopping Centres	8.00%	-	11.50%	75%	-	80%
Hotel / Motels	16.00%	-	25.00%	70%		
Hospital / Convalescent Homes	11.50%	-	16.50%	65%		
Restaurants	20.00%	-	25.00%			
Renovation existing building				75%	-	100%
Specialised Security				65%		
Newsagencies - goodwill component only				50%		
Intellectual Property	note: value it and enter it into your balance sheet!!!!!!					

VALUATION METHODOLOGIES

- 1 Discounted cashflow / net present value ("DCF/NPV")
- 2 Capitalisation of future maintainable earnings ("FME/FCF")
- 3 Valuation of net tangible assets
- 4 Notional realisation of assets.
- 5 Capitalisation of future maintainable dividends.

CAPITALISATION RATE is a factor of perceived risk.

Old economy projects with their proven track record have market capitalisation rates as outlined above.

New technology that is proven to work and has a well researched marketing plan require a more conservative assessment of capitalisation rates, say:

	20.00%	-	25.00%
New technology that is still to be tested could require capitalisation at:	40.00%	-	47.50%

A valuation of untested technology could be valued with the discount rate based on "capital asset pricing model":

- ER = RF + Beta(RM-RF) where:
- ER = The expected return from equity after the corporate tax rate
- RF= The pre-tax risk free rate of return
- RM= The expected return from the market portfolio
- RM-RF= The risk premium of the market portfolio relative to the risk free asset (commonly referred to as the "market risk premium")

Beta= The measure of a risky asset's level of risk to the market.

ER = 6.00% + .97(47.5%-6.00%) per annum = 46.25% (high risk) 38.98% (low risk)

It is assumed RF to be 6.00%, which represents the 10 year government bond rate.

It is assumed the market risk premium to be between a range of 40% (low) to 47.5% (high) for new technology.

The beta could be:	All industrials	0.93	lower	0.88	upper	0.97
beta greater than 1, more	Miscellaneous Industrials	1.49		1.21		1.77
risky than ASX, e.g.:	Tourism & leisure	1.19		1.02		1.36
Source:	Building materials	1.12		0.91		1.32
Centre for Research in Finance	Gold	1.10		0.77		1.43
Bs 02 9931 9200	Telecommunications	1.08		0.84		1.32
Fx 02 9662 1695	Engineering	1.06		0.92		1.20
	Media	1.00		0.66		1.34
	Energy industries	0.97		0.73		1.21
	Healthcare & biotechnology	0.86		0.68		1.04
	Chemicals	0.86		0.67		1.06
	Infrastructure & utilities	0.76		0.57		0.95
	Transport	0.68		0.47		0.90
	Food & household goods	0.47		0.23		0.71

HURDLE RATES: Term of investment is typically 3 to 7 years. Funding stages typically consist of:

Australian Venture Capital ind results 2000

	required rate	50% +	per annum	Seed	No deals	Av deal\$	Av hurdle
SEED CAPITAL				Seed	82	0.9	105%
ROUND ONE / TWO	rates between	35% to 50%	per annum	Startup / Early	97	1.2	67%
EXPANSION	rates between	28% to 35%	per annum	Early Exp (\$4+m)	102	1.6	47%
				Expansion	202	2.2	35%
Why? Because funds are competing against lower risk opportunities, eg:				MBO/MBI	17	9.5	29%
ASX Top 100 (last 40 year average)		15.55%	per anm	Turnaround	14	2.6	26%
RISK FREE GOVERNMENT BONDS 5 yr		6.00%	per anm				

Actual Forecast June 2001 appraisal by leading funds manager:

MARKET OUTLOOK

Australian Shares
Small Company Stocks

Past 5 yrs Next 10 yrs Macquarie Funds Management
11.20% 11.00% With earnings growing in line with the overall economy
4.10% 13.00% Small capitalisation stocks should perform strongly in the next five years, with the current high yields available supported by strong earnings growth from the emerging stocks in this sector.

Listed Property

12.60% 9.00% The highest-yielding major asset class will continue to provide solid returns and provide a good hedge against the prospect of any increase in inflation.

International Shares - including currency impact

19.50% 11.00% Earning growth in line with the overall economy, and limited prospects for further re-rating to increase valuations, will limit international equities to more modest returns.

International Shares - excluding currency impact

11.50% 10.00% Currency impacts should have little effect on international equities in the medium to longer term.

Cash

5.80% 5.75% Cash rates should match the growth in the economy over the long run.

Australian Bonds

9.60% 6.00% Australian fixed interest will tend to provide a small margin over cash investments.

International Bonds

8.90% 5.00% International bond investments will provide a similar average performance to their Australian counterparts.

Alternative Assets

14.20% 15.00% Alternative assets will continue to provide high returns to compensate investors for the additional risk taken when investing in these long-term, illiquid securities.

P = Market multiplier of Earnings, E = Profit after Tax (PAT)

AUSTRALIAN STOCK EXCHANGE (A.S.E.) Price / Earning (P/E) Ratio & Dividend Yield Series Global Industry Classification Standard (GICS)

(note TwinTowers 11 Sep)

INDEX	P/E ratio series		Dividend Yield series		INDEX	P/E ratio			Div Yield		
	25Dec01	28Aug01	25Dec01	28Aug01		30Oct06	2Jan04	31Jul02	30Oct06	2Jan04	31Jul02
Alcohol and Tobacco	20.62	25.37	2.83	2.81	All Ordinaries	13.79	16.40	18.33	3.76	3.88	3.82
Banks	18.15	15.56	4.13	3.97	S&P/ASX 20	13.38	18.56	20.38	3.68	3.89	3.91
Building Materials	10.59	13.60	3.84	3.68	S&P/ASX 50	13.78	16.91	19.60	3.74	3.88	3.90
Chemicals	12.29	13.86	4.14	5.25	S&P/ASX 100	13.65	17.07	19.22	3.76	3.94	3.85
Development & Contractors	27.98	26.16	2.08	2.29	S&P/ASX 200	13.65	16.93	18.82	3.77	3.96	3.83
Diversified Industrial	26.74	23.35	3.25	3.81	S&P/ASX 300	13.67	16.85	18.72	3.76	3.94	3.84
Diversified Resources	16.23	16.55	3.31	3.02	S&P/ASX Midcap 50	12.96	18.18	17.30	3.87	4.37	3.61
Energy	8.58	8.96	2.86	2.96	S&P/ASX Small Ords	13.79	14.83	14.85	3.70	3.80	4.02
Engineering	21.07	22.42	3.47	3.66	Consumer Discretionary	20.25	25.60	21.13	3.75	2.09	3.57
Food, H/hold Goods	11.68	11.83	3.51	3.72	Consumer Staples	14.20	18.59	17.96	3.25	3.71	3.23
Gold	14.68	10.73	1.33	1.19	Energy	14.34	15.44	10.44	2.74	2.68	2.83
Health & Biotech	35.91	38.93	1.69	2.81	Financials	12.65	14.28	16.69	4.51	5.31	4.73
Infrastructure / Utility	25.82	16.61	3.45	3.61	Financial-ex-property	16.21	14.24	17.82	4.11	4.75	4.12
Insurance	19.23	24.54	2.79	2.41	Health Care	34.06	40.74	27.38	1.66	2.59	2.17
Invest & Finance Services	18.62	17.10	2.50	2.57	Industrials	14.06	17.12	30.92	4.19	3.84	2.70
Media	26.55	19.19	3.83	4.12	Info Technology	23.63	47.07	14.76	2.11	2.28	2.93
Miscellaneous Industries	14.84	15.47	3.06	2.58	Materials	12.70	18.97	26.33	2.28	2.49	3.07
Other Metals	11.69	11.24	3.58	3.53	Property Trusts	7.31	14.41	13.11	5.85	7.40	7.35
Paper & Packaging	14.86	13.13	4.43	4.80	Telecommunications	14.05	15.19	16.32	7.75	4.72	3.60
Property Trusts	12.99	12.90	7.19	7.21	Utilities	21.67	17.21	18.36	6.76	5.01	4.82
Retail	31.69	29.81	2.57	2.62							
Telecommunications	16.41	17.52	3.59	2.70							
Tourism & Leisure	18.61	19.15	4.00	3.99							
Transport	24.22	21.21	2.44	5.77							
Market Average	17.88	16.91	3.63	3.56							
Resource Average	12.46	13.57	3.03	3.02							
Industrial Average	18.83	17.67	3.70	3.66							

(GICS level 2 by Industry Groups)

{Companies making losses have been excluded from A.S.E. P/E series}

NOTE: The average range of All Ordinaries PE ratios over the last 15 years has been around 10 to 15.

REFLECTIONS

	Close 1 Jan 25	Close 1 Jan 24	Close 6 Jan 23	Close 16 Jan 22	Close 3 Sep 20	Close 31 Dec 19	Close 31 Dec 17	Close 31 Dec 16	Close 31 Dec 15	Close 31 Dec 14	Close 31 Dec 13	Close 31 Dec 12	Close 31 Dec 11
Dow Jones (industrial average of 30 leading Wall Street stocks)	42,512	37,690	32,930	35,912	29,100	23,327	25,219	19,762	17,603	17,983	16,504	13,104	12,287
Nasdaq (composite index)	19,350	16,826	10,305	14,894	12,056	6,635	7,239	5,440	5,065	4,282	4,154	3,019	2,613
Standard & Poor's 500 (larger sample of businesses)	5,875	4,770	3,895	4,663	3,526	2,507	2,732	2,251	2,063	2,080	1,848	1,426	1,263
S&P-ASX 200	7,666	7,591	7,109	7,406	6,090	5,646	5,904	5,666	5,295	5,411	5,304	4,631	4,050
ASX All Ordinaries	8,471	7,830	7,308	7,728	6,301	5,709	6,004	5,719	5,344	5,388	5,353	4,664	4,111

STANDARD & POOR'S

Long-term credit ratings:

'AAA'	The obligor's capacity to meet its financial commitment on the obligation is extremely strong.
'AA'	An obligation rated 'AA' differs from the highest rated obligation only to a small degree.
'A'	The obligor's capacity to meet its financial commitment on the obligation is very strong. An obligation rated 'A' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rated categories.
'BBB'	However, the obligor's capacity to meet its financial commitment on the obligation is still strong. An obligation rated 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.
Investment Grade	
'BB', 'B', 'CCC', 'CC', 'C'	Obligations rated thus are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'C' the highest. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
Junk Bond Grade	
'BB'	Is less vulnerable to nonpayment than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions that could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.
'B'	More vulnerable to nonpayment than 'BB', but the obligor currently has the capacity to meet its financial commitment on the obligation. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment.
'CCC'	Is currently vulnerable to nonpayment, and is dependent upon favourable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation.
'CC'	An obligation rated 'CC' is currently highly vulnerable to nonpayment.
'C'	This rating may be used to cover a situation where a bankruptcy petition has been filed or similar action has been taken but payments on this obligation are being continued. C' is also used for preferred stock that is in arrears (as well as for junior debt of issuers rated CCC-' and 'CC').
'D'	It is used only where a default has actually occurred.

KEY INDUSTRIAL FINANCIAL RATIOS:

US Industrial long-term debt:	3 year (1996 /1998) median	AAA	AA	A	BBB	BB	B
EBIT interest coverage (x)		12.9	9.2	7.2	4.1	2.5	1.2
EBITDA interest coverage (x)		18.7	14.0	10.0	6.3	3.9	2.3
Funds flow/total debt (%)		89.7%	67.0%	49.5%	32.2%	20.1%	10.5%
Free operating cash flow / total debt (%)		40.5%	21.6%	17.4%	6.3%	1.0%	-0.4%
Return on capital (%)		30.6%	25.1%	19.6%	15.4%	12.6%	9.2%
Operating income / sales (%)		30.9%	25.2%	17.9%	15.8%	14.4%	11.2%
Long-term debt / capital (%)		21.4%	29.3%	33.3%	40.8%	55.3%	68.8%
Total debt / capital (incl. STD) (%)		31.8%	37.0%	39.2%	46.4%	58.5%	71.4%

EBIT - Earnings before interest and taxes.

EBITDA - Earnings before interest, taxes, depreciation, and amortisation.

$$\text{EBIT interest coverage} = \frac{\text{Earnings from continuing operations * before interest and taxes}}{\text{Gross interest incurred before subtracting (1) capitalised interest and (2) interest income}}$$

$$\text{EBITDA interest coverage} = \frac{\text{Earnings from continuing operations * before interest, taxes, depreciation and amortisation}}{\text{Gross interest incurred before subtracting (1) capitalised interest and (2) interest income}}$$

$$\text{Funds from operations/total debt} = \frac{\text{Net income from continuing operations plus depreciation, amortisation, deferred income taxes, and other noncash items}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}$$

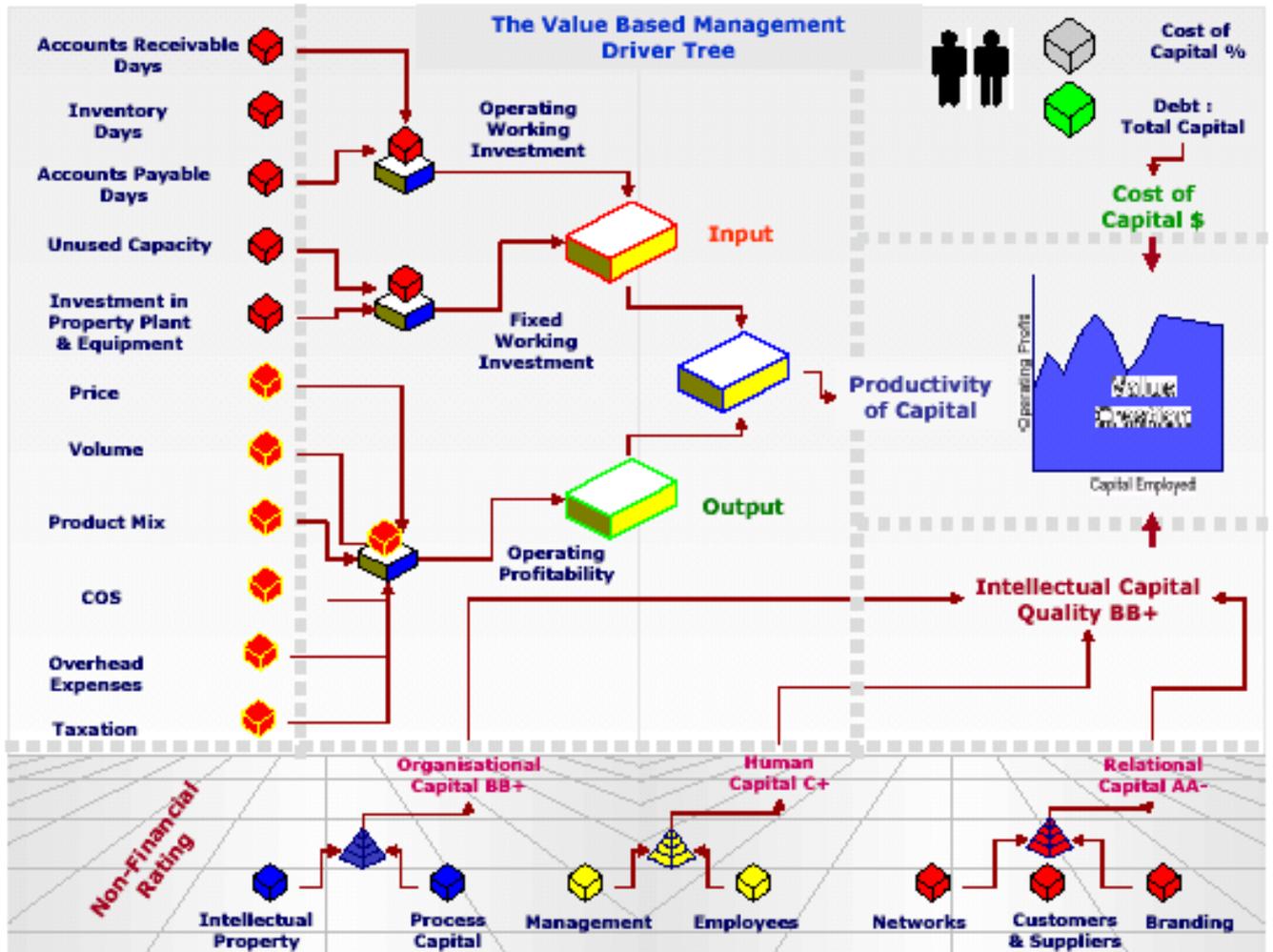
$$\text{Free operating cash flow/total debt} = \frac{\text{Funds from operations minus capital expenditure, minus (plus) the increase (decrease) in working capital (excluding changes in cash, marketable securities, and short-term debt)}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}$$

$$\text{Return on capital} = \frac{\text{EBIT}}{\text{Average of beginning of year and end of year capital, including short-term debt, current maturities, long-term debt, non-current deferred taxes, and equity.}}$$

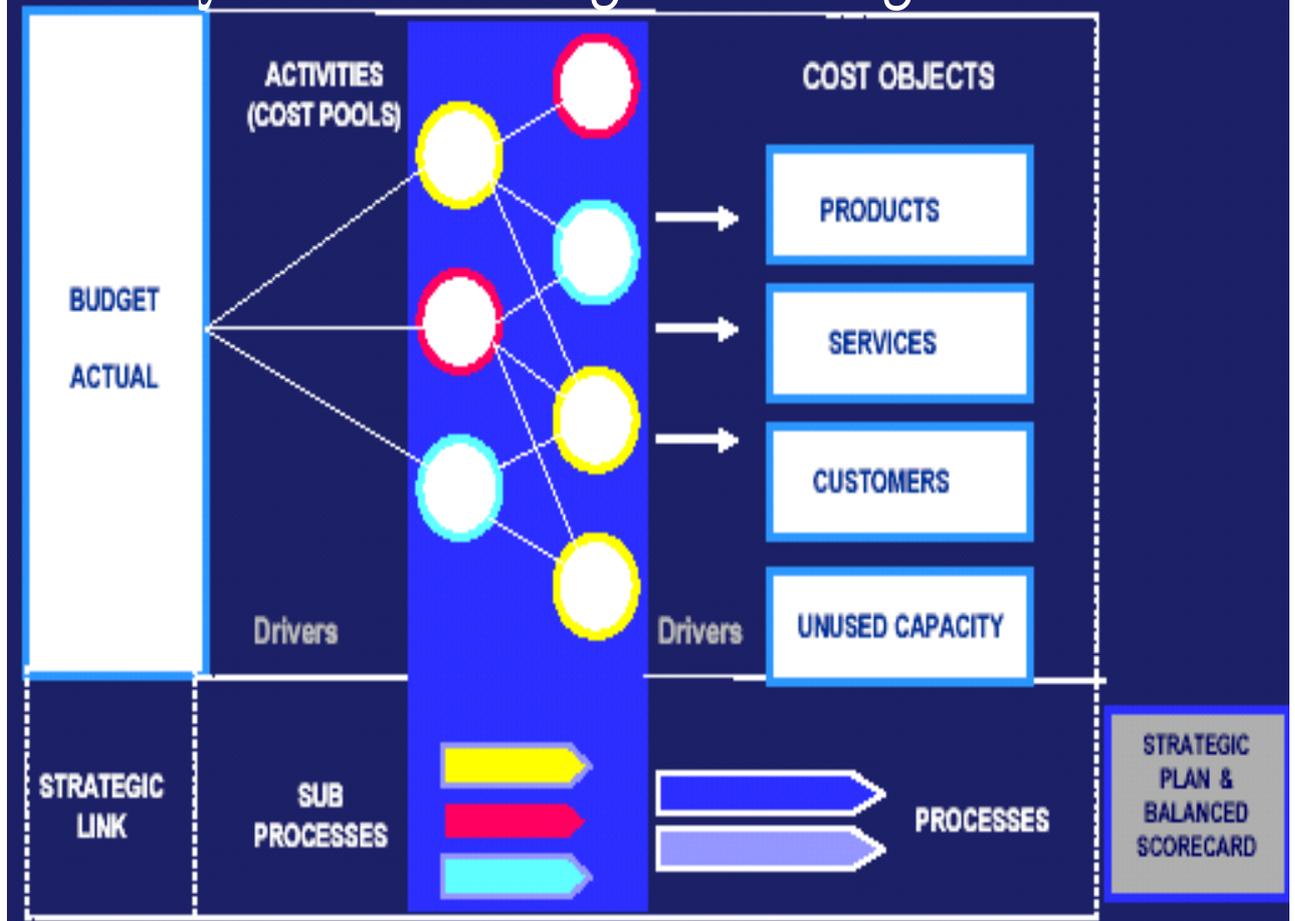
$$\text{Operating income/sales} = \frac{\text{Sales minus cost of goods manufactured (before depreciation and amortisation), selling, general and administrative, and research and development costs}}{\text{Sales}}$$

$$\text{Long-term debt/capitalisation} = \frac{\text{Long-term debt}}{\text{Long-term debt + shareholders' equity (including preferred stock) plus minority interest}}$$

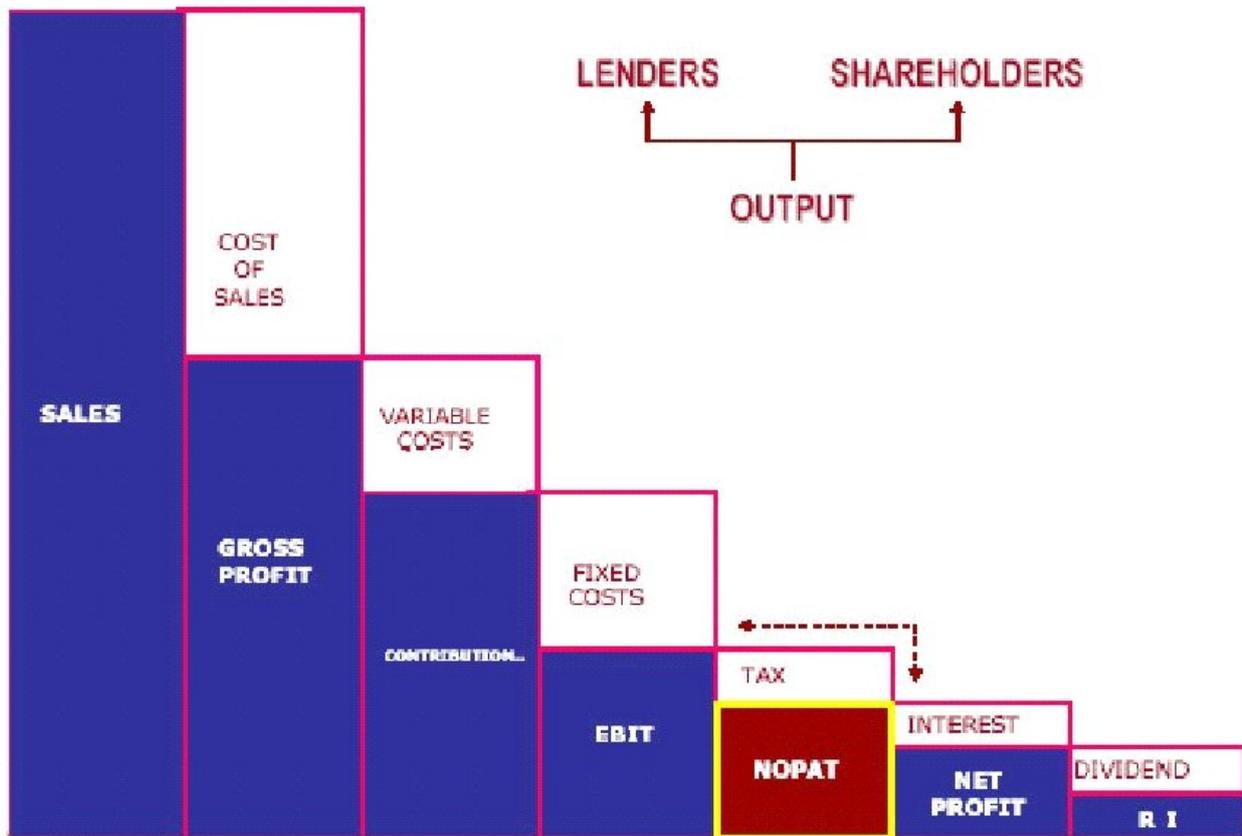
$$\text{Total debt/capitalisation} = \frac{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings + shareholders' equity (including preferred stock) plus minority interest.}}$$



Activity Based Costing - A Strategic Framework

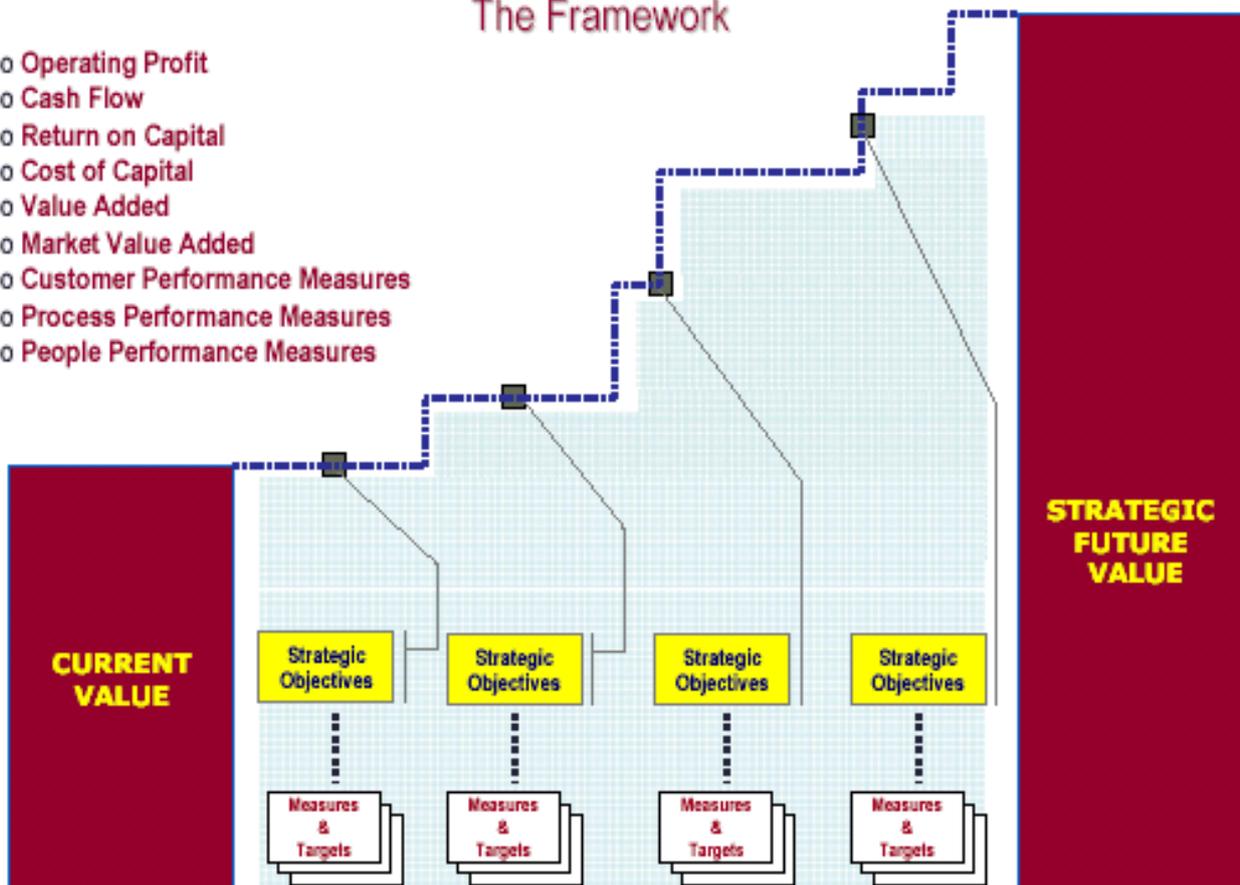


Net Operating Profit after tax, before interest



The Framework

- o Operating Profit
- o Cash Flow
- o Return on Capital
- o Cost of Capital
- o Value Added
- o Market Value Added
- o Customer Performance Measures
- o Process Performance Measures
- o People Performance Measures



The Balanced Scorecard & Intellectual Capital Rating

SHAREHOLDER VALUE

see Valuation Notes:
Adjust WACC with Bloomberts
beta factor industry loadings:

NOPAT =

WACC =

WACC benchmark - listed company

Net operating profit after tax (and before interest)

Weighted average cost of capital

9.8%

unlisted company 12.0%

NOPAT

Profit before depreciation	-	-	-	-	-	\$18,143,821
Depreciation	-	-	-	-	-	214,676,903
Profit before interest and borrowing costs	-	-	-	-	-	-232,820,724
Less Taxation	-	-	-	-	-	-69,846,217
NOPAT =	-	-	-	-	-	<u>-162,974,507</u>

Valuation as Private Entity

Yield required

12.0%

###

Valuation as Private Entity

discounted back to

#REF!

#REF!

#REF!

#REF!

PE base

Valuation as Public Entity

Yield required

9.80%

###

Adopted Value variance

Valuation as Public Entity

discounted back to

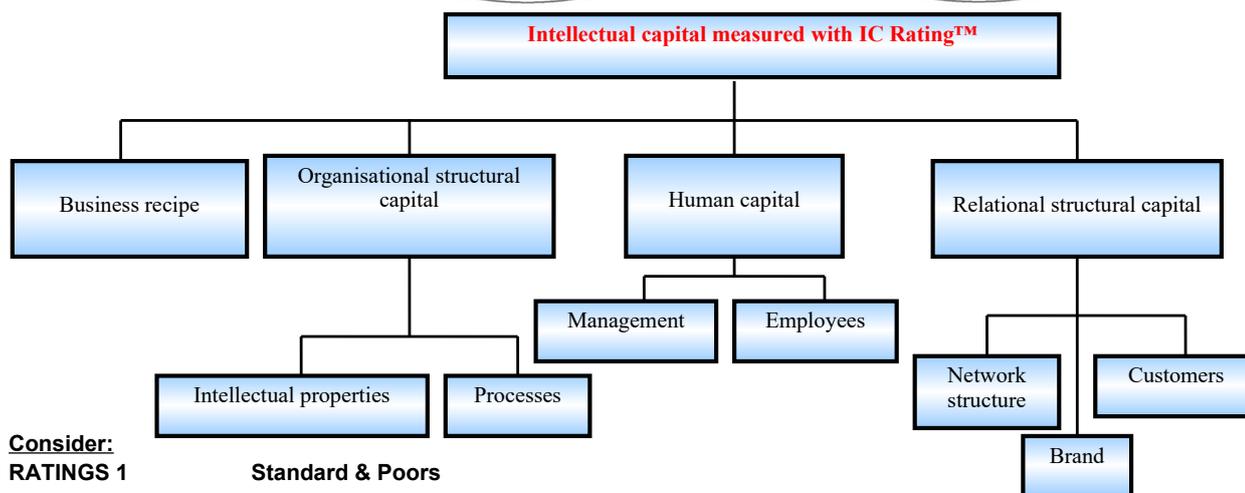
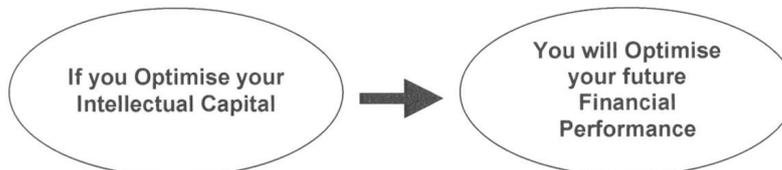
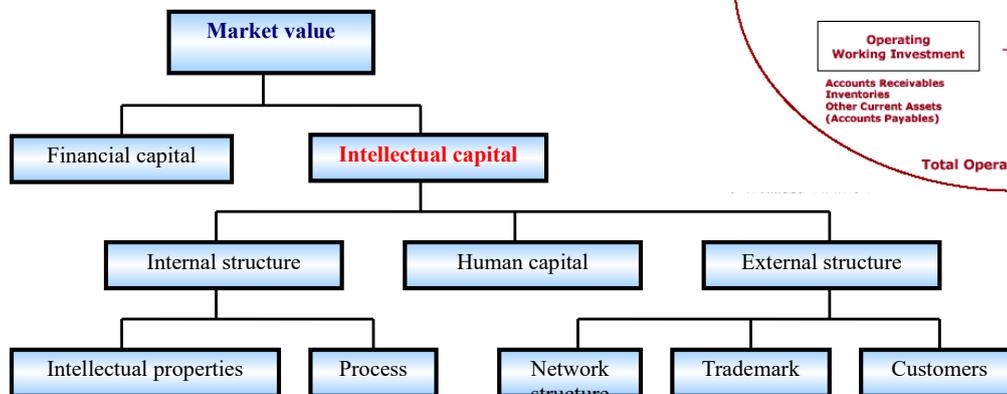
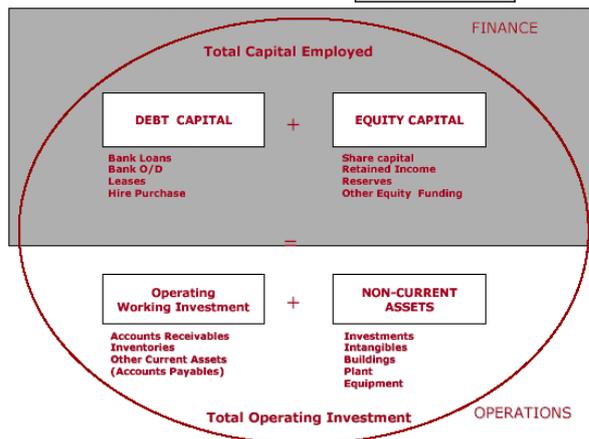
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Annual requirement:
INCOME GENERATED must exceed
above benchmark rates on the
TOTAL of CAPITAL EMPLOYED
otherwise you are destroying value!



Consider:
RATINGS 1
RATINGS 2
RATINGS 3

Standard & Poors
Intellectual Capital
Corporate Social Responsibility



PASCAS FOUNDATION (PNG) Inc

MONTHLY CASH FLOW

Sales Monthly

\$ = AUD

30 Jun

AU\$1.00 = USD 0.65

PGK 2.50

17

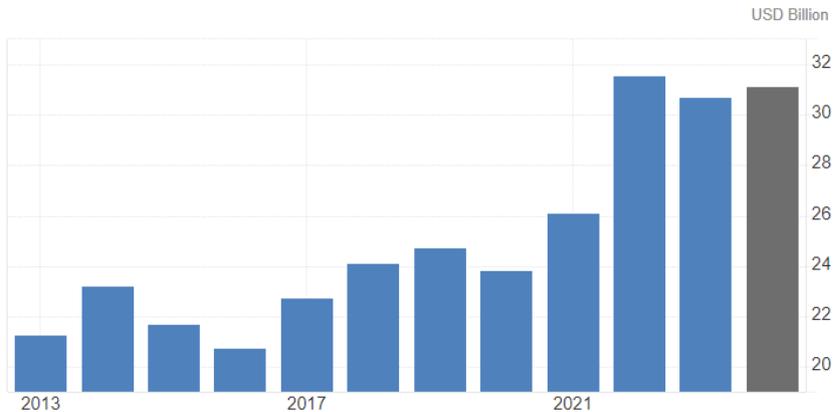
	TOTAL 100.0%	Month 1 0.0%	Month 2 0.0%	Month 3 0.0%	Month 4 0.0%	Month 5 0.0%	Month 6 0.0%	Month 7 16.6%	Month 8 16.6%	Month 9 16.7%	Month 10 16.7%	Month 11 16.7%	Month 12 16.7%
TOTAL SALES	\$78,000	\$0	\$0	\$0	\$0	\$0	\$0	\$12,948	\$12,948	\$13,026	\$13,026	\$13,026	\$13,026
OUTGOINGS													
Total Consumable Costs	18,720	0	0	0	0	0	0	3,108	3,108	3,126	3,126	3,126	3,126
Employee Costs	48,360	0	0	0	0	0	0	8,028	8,028	8,076	8,076	8,076	8,076
Operating Costs Direct	15,600	0	0	0	0	0	0	2,590	2,590	2,605	2,605	2,605	2,605
Other production costs	175,936	0	0	0	0	0	0	29,205	29,205	29,381	29,381	29,381	29,381
TOTAL DIRECT COSTS	258,616	0	0	0	0	0	0	42,930	42,930	43,189	43,189	43,189	43,189
SCHOLARSHIPS GRANTED	67,000,000	0	0	0	0	0	0	11,122,000	11,122,000	11,189,000	11,189,000	11,189,000	11,189,000
ADMINISTRATION													
Advertising	400,000	33,333	33,333	33,333	33,333	33,333	33,333	33,333	33,333	33,333	33,333	33,333	33,333
Travelling & Accommodation	160,000	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333
Bank Fees	2,340	0	0	0	0	0	0	388	388	391	391	391	391
Debt Collection	390	33	33	33	33	33	33	33	33	33	33	33	33
Occupancy Costs	70,000	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833
Repairs & Maintenance	20,000	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667
General Expenses	75,000	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250
Administration Salaries	4,478,500	373,208	373,208	373,208	373,208	373,208	373,208	373,208	373,208	373,208	373,208	373,208	373,208
Administration Other	280,000	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333
Directors Fees	300,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Research & Development	300,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Sundry Expenses	1,560	130	130	130	130	130	130	130	130	130	130	130	130
STAFF INCENTIVE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ADMINISTRATION	6,087,790	507,121	507,121	507,121	507,121	507,121	507,121	507,509	507,509	507,512	507,512	507,512	507,512
TOTAL COSTS	73,346,406	507,121	507,121	507,121	507,121	507,121	507,121	11,672,440	11,672,440	11,739,700	11,739,700	11,739,700	11,739,700
NET REVENUE	-73,268,406	-507,121	-507,121	-507,121	-507,121	-507,121	-507,121	-11,659,492	-11,659,492	-11,726,674	-11,726,674	-11,726,674	-11,726,674
PROGRESSIVE REVENUE	-73,268,406	-507,121	-1,014,242	-1,521,363	-2,028,483	-2,535,604	-3,042,725	-14,702,217	-26,361,708	-38,088,383	-49,815,057	-61,541,732	-73,268,406
Grants treated as Revenue	-78,000	0	0	0	0	0	0	-12,948	-12,948	-13,026	-13,026	-13,026	-13,026
WORKING CAPITAL	-21,450							-7,150	-7,150	-7,150			
Other costs - borrowing	0	0											
Taxation	0												0
CAPITAL EXPENDITURE													
CapEx Land Building Acquisitions	-994,134,517			-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452	-99,413,452
Plant & Equipment	-100,000			-33,333	-33,333	-33,333							
Office Building	-5,000,000		-1,250,000	-1,250,000	-1,250,000	-1,250,000							
Housing Accommodation	-150,000,000			-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000	-15,000,000
Intellectual Property	0	0											
FUNDS NEEDED		-507,121	-1,757,121	-116,203,906	-116,203,906	-116,203,906	-114,920,572	-126,093,041	-126,093,041	-126,160,302	-126,153,152	-126,153,152	-126,153,152
PROGRESSIVE FUNDS NEED		-507,121	-2,264,242	-118,468,147	-234,672,053	-350,875,959	-465,796,532	-591,889,573	-717,982,614	-844,142,916	-970,296,068	-1,096,449,221	-1,222,602,373
TOTAL GRANTS FUNDING	1,266,400,000	50,000,000		356,400,000			460,000,000				400,000,000		
CASH BALANCE	43,797,627	49,492,879	-1,757,121	240,196,094	-116,203,906	-116,203,906	345,079,428	-126,093,041	-126,093,041	-126,160,302	273,846,848	-126,153,152	-126,153,152
PROGRESSIVE CASH BALANCE	43,797,627	49,492,879	47,735,758	287,931,853	171,727,947	55,524,041	400,603,468	274,510,427	148,417,386	22,257,084	296,103,932	169,950,779	43,797,627

PASCAS FOUNDATION (PNG) Inc
QUARTERLY CASH FLOW

	\$ = AUD 30 Jun				AU\$1.00 = USD 0.65				PGK 2.50				18
	Year of 2026				Year of 2027				Year of 2028				
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
SALES													
HIGH SCHOOL LAND & BUILDINGS	0	0	0	0	0	0	0	0	1,832,130	1,832,130	1,832,130	1,832,130	
TAFE & CRAFT CREATIONS sites	0	0	0	0	0	0	0	0	1,969,493	1,969,493	1,969,493	1,969,493	
UNIVERSITY LAND & BUILDINGS	0	0	0	0	0	0	0	0	0	0	0	0	
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	0	0	0	0	0	0	0	
FIRST AID POST	19,500	19,500	19,500	19,500	68,250	68,250	68,250	68,250	117,000	117,000	117,000	117,000	
CLINICS LAND & BUILDINGS	0	0	0	0	32,500	32,500	32,500	32,500	65,000	65,000	65,000	65,000	
COMMUNITY CENTRE	0	0	0	0	0	0	0	0	0	0	0	0	
EDUCATION COMPLEX TARI / DAUL	0	0	0	0	0	0	0	0	0	0	0	0	
MOBILE CLINIC	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL SALES / GRANTS	\$19,500	\$19,500	\$19,500	\$19,500	\$100,750	\$100,750	\$100,750	\$100,750	\$3,983,623	\$3,983,623	\$3,983,623	\$3,983,623	
TOTAL DIRECT COSTS	64,654	64,654	64,654	64,654	196,907	196,907	196,907	196,907	3,777,049	3,777,049	3,777,049	3,777,049	
TOTAL DIRECT COSTS	64,654	64,654	64,654	64,654	196,907	196,907	196,907	196,907	3,777,049	3,777,049	3,777,049	3,777,049	
GROSS PROFIT CONTRIBUTION	-45,154	-45,154	-45,154	-45,154	-96,157	-96,157	-96,157	-96,157	206,574	206,574	206,574	206,574	
TOTAL ADMINISTRATION COSTS	1,521,948	1,521,948	1,521,948	1,521,948	2,689,791	2,689,791	2,689,791	2,689,791	3,551,199	3,551,199	3,551,199	3,551,199	
STAFF INCENTIVE					0				0				0
PROFIT CONTRIBUTION	-\$1,567,102	-\$1,567,102	-\$1,567,102	-\$1,567,102	-\$2,785,948	-\$2,785,948	-\$2,785,948	-\$2,785,948	-\$3,344,626	-\$3,344,626	-\$3,344,626	-\$3,344,626	
SCHOLARSHIPS GRANTED	-\$16,750,000	-\$16,750,000	-\$16,750,000	-\$16,750,000	-\$33,500,000	-\$33,500,000	-\$33,500,000	-\$33,500,000	-\$50,250,000	-\$50,250,000	-\$50,250,000	-\$50,250,000	
WORKING CAPITAL	-5,363	-5,363	-5,363	-5,363	-20,665	-20,665	-20,665	-20,665	-770,697	-770,697	-770,697	-770,697	
Grants treated as Revenue	-19,500	-19,500	-19,500	-19,500	-100,750	-100,750	-100,750	-100,750	-3,983,623	-3,983,623	-3,983,623	-3,983,623	
Interest	0			0				0				0	
Other costs - borrowing	0				0				0				
Creditors - Directors	0	0											
Taxation	0	0	0	0	0	0	0	0	0	0	0	0	
Dividends Paid				0				0				0	
NET CASH FLOW	-18,341,964	-18,341,964	-18,341,964	-18,341,964	-36,407,362	-36,407,362	-36,407,362	-36,407,362	-58,348,946	-58,348,946	-58,348,946	-58,348,946	
CAPITAL EXPENDITURE													
CapEx Land Building Acquisitions	-248,533,629	-248,533,629	-248,533,629	-248,533,629	-276,196,129	-276,196,129	-276,196,129	-276,196,129	-304,183,629	-304,183,629	-304,183,629	-304,183,629	
Plant & Equipment	-25,000	-25,000	-25,000	-25,000	-2,525,000	-2,525,000	-2,525,000	-2,525,000	-27,650,000	-27,650,000	-27,650,000	-27,650,000	
Office Building	-2,500,000	-2,500,000	0	0	0	0	0	0	0	0	0	0	
Housing Accommodation	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	-37,500,000	
Intellectual Property	0				0			0				0	
TOTAL GRANTS FUNDING	\$316,600,000	316,600,000	316,600,000	316,600,000	349,850,000	349,850,000	349,850,000	349,850,000	431,100,000	431,100,000	431,100,000	431,100,000	
LOAN REPAYMENTS				0				0				0	
NET QUARTER CASH FLOW	9,699,407	9,699,407	12,199,407	12,199,407	-2,778,491	-2,778,491	-2,778,491	-2,778,491	3,417,425	3,417,425	3,417,425	3,417,425	
OPENING BALANCE	0	9,699,407	19,398,814	31,598,221	43,797,627	41,019,136	38,240,644	35,462,153	32,683,661	36,101,087	39,518,512	42,935,937	
CLOSING BALANCE	\$9,699,407	\$19,398,814	\$31,598,221	\$43,797,627	\$41,019,136	\$38,240,644	\$35,462,153	\$32,683,661	\$36,101,087	\$39,518,512	\$42,935,937	\$46,353,362	
BALANCE SHEET BALANCE				\$43,797,627				\$32,683,661				\$46,353,362	

The Gross Domestic Product (GDP) in Papua New Guinea was worth 30.73 billion US dollars in 2023, according to official data from the World Bank. <https://tradingeconomics.com/papua-new-guinea/gdp-per-capita>

Related	Last	Previous	Unit	Year
GDP	30.73	31.6	USD Billion	Dec-23
GDP per capita	2496.51	2467.23	USD	Dec-23
GDP per capita PPP	4174.44	4125.49	USD	Dec-23



Papua New Guinea's yearly minimum wage is \$3,304.00 in *International Currency*. International Currency is a measure of currency based on the value of the United States dollar in 2009.

Unemployment Rate in Papua New Guinea increased to 2.65 percent in 2022 from 2.69 percent in 2021.

In Papua New Guinea, the proportion of population with access to electricity is 10% - 15%.

Approximately 39.9 percent of the population lives below the national poverty line.

Most of the citizens in Papua New Guinea rely on small-scale agriculture for their livelihoods.

Around 75 percent of nationals practice subsistence farming.

Papua New Guinea currently has the second highest crime rate of any country in the world.

Literacy: definition: age 15 and over can read and write **total population: 67.6%** (139th in the world)
male: 71.1% **female: 64.0%** (2015)

With qualification (% of population aged 15 years and over) **total population: 5.5%**
male: 7.3% **female: 3.7%** (2015)

Share of all students in upper secondary education enrolled in vocational programmes (%) in Papua New Guinea was reported at 16.19% in 2016.

Over the past 20 years, the share of the Australian population that hold a degree at a bachelor level or above has increased by more than six times, reaching 50.2 percent in 2021.

As at 22 February 2025

USD 1.00	=	PGK 4.00	PGK 1.00	=	USD 0.25
AUD 1.00	=	PGK 2.55	PGK 1.00	=	AUD 0.38

CURRENCY EXCHANGE RATES

The Australian Dollar buys:	1.1.25	1.1.24	6.1.23	16.1.22	1.9.20	31.12.18	31.12.17	31.12.16	31.12.15	31.12.14	31.12.13
US Dollar (cents)	61.88	68.03	67.62	72.16	72.60	70.40	79.00	72.36	73.05	81.20	85.10
Euro (cents)	59.75	61.58	64.28	63.22	61.30	61.31	64.00	69.00	69.00	70.00	60.53
£ Sterling	0.49	0.53	0.57	0.53	0.55	0.55	0.56	0.59	0.51	0.53	0.51
Canadian \$	0.89	0.90	0.92	0.91	0.95	0.96	0.99	0.98	1.01	0.95	0.90
China Yuan	4.52	4.83	4.64	4.58	4.97	4.84	5.02	5.03	4.98	5.03	5.39
East Caribbean Dollar	1.66	1.84	1.86								
Hong Kong Dollar	4.81	5.31	5.28	5.61	5.63	5.51	6.19	5.61	5.87	6.56	6.57
Indian Rupees	52.96	56.65	55.82	53.53	53.36	49.00	50.96	49.18	48.31	51.31	52.24
Indonesian Rupiah	10067	10472	10740	10500	10350	10145					
Japanese yen	97.32	95.96	90.72	82.40	77.03	77.23	84.05	84.47	92.00	98.00	89.06
Malaysian Ringgit	2.77	3.12	2.97	3.01	3.01	2.91					
New Zealand \$	1.11	1.08	1.08	1.06	1.08	1.05	1.07	1.04	1.09	1.05	1.03
Pakistan Rupee	172.00	192.00									
Philippine Pesos	35.94	37.69	38.20	37.00	35.30	36.96	41.40	37.99	34.31	36.33	36.04
PNG Kina	2.47	2.58	2.43	2.53	2.42	2.39	2.53	2.30	2.19	2.05	1.89
Russian Ruble	69.24	60.79	49.89	55.00	54.60	48.70					
Solomon Is Dollar	4.99	5.74	5.71	5.83	5.80	5.80	6.15	5.95	5.92	5.84	6.38
Singapore Dollar	0.85	0.90	0.91	0.97	0.99	0.96	1.04	1.05	1.08	1.13	1.07
South African Rand	11.69	12.45	11.77	11.07	12.17	10.11	9.20	10.26	11.28	9.51	8.76
Swiss franc	0.56	0.57	0.63	0.66	0.66	0.69	0.73	0.74	0.73	0.81	0.75
Tanzanian Shilling	1485	1700									
Thai Bahts	21.25	22.39	23.25	23.94	22.80	22.69	24.77	25.93	26.27	26.72	27.04
Ukrainian Hryvnia	25.96	25.95	25.31	21.80	18.60	19.37					
Vanuatu Vatu	71.78	80.91	81.22	81.75	81.16	79.15					



SOCIAL HOUSING

PASCAS VILLAGE - SANCTUARY PARADISE



The Healing Power of “Bello” – Beautiful – is to be mirrored within every Sanctuary Paradise Village with accommodation being available for those from all walks of life – veterans, homeless, troubling adolescents, domestic violence victims, any and all who ultimately are to benefit from Feeling Healing. The population of women, men and children to be no more than 1,000.

		PARADISE VILLAGES				
		USD				
Housing, community living and schooling						
INITIAL PROGRAM		budget per annum			say	
		1.0	2.0	3.0	3.0	3.0
PROGRESSIVE ESCALATION THROUGHOUT PROVINCES						
Pascas Paradise Villages		2026	2027	2028	2029	2030
		110,000,000	220,000,000	330,000,000	330,000,000	330,000,000

PASCAS FOUNDATION (PNG) Inc **\$ = AUD** **30 Jun** **22**
ESTIMATED BUILDING COSTS TAFE **CRAFT CREATIONS** AU\$1.00 = USD 0.65 PGK 2.55
Technical And Further Education AU\$.38 = PGK 1.00
TAFE Metres Metres Total M² \$ M² TO BUILD
TOTAL COMPLEX Length Width Floor Area Cost A\$ Cost

TAFE building per m2		CRAFT CREATIONS				\$2,750	
building per m2 for Maths	\$1,200						
building per m2 for Technology	\$3,500						
Floor space per child (classroom, halls, toilets, admin, etc.)						33	
School student population						600	
Total building area and cost					19,800	\$2,750	\$54,450,000
Sporting fields and grounds buildings							2,500,000
Total TAFE Campus to be developed			students		3,000		

TOTAL BUILDING STRUCTURES M² 19,800 \$2,876 \$56,950,000
 (Cordell based estimates can be improved upon)

SITE WORKS

Site Filling	20,000	M ³			50	1,000,000
	spaces	circulation	2			
Parking Areas	200	15	297	4,452	100	445,200
	per car space	5	3	14.84		
Site works			M ²	800	100	80,000
Sporting Fields	20,000	M ³			150	3,000,000
Services (electrical / sewer etc) transformers						5,000,000
Security fences						30,000
Security deposits Power Authority						10,000
Professional costs					6%	3,417,000
Contingency					5%	2,847,500

TOTAL CONSTRUCTION **\$72,779,700**

LAND COSTS 30,000 M³ 200 6,000,000

Stamp duty waived by Government RAIT PASCAS FOUNDATION (PNG) Inc is a charity
 PNG Special Agricultural and Business Leases (SABLs)
 'State lease' lasting a maximum of **99 years**
 Lease agreement administered under the PNG "Land Act 1996"
 Acquiring land for public purposes in Papua New Guinea comes under "Land Act 1996"

LAND & BUILDINGS **\$78,779,700**

RENTAL BUDGET 19,800 M² \$397.88 M²
10.0% pr anm **\$7,877,970**



PASCAS FOUNDATION (PNG) Inc
ESTIMATED BUILDING COSTS UNIVERSITY
(5 Campus = 1 University)
HIGH SCHOOL equivalent +
TOTAL COMPLEX

\$ = AUD **30 Jun** **23**

AU\$1.00 = USD 0.65 PGK 2.55
 AU\$.38 = PGK 1.00

	Metres Length	Metres Width	Total Floor Area M ²	\$ M ² Cost	TO BUILD A\$ Cost
UNIVERSITY building per m2				\$3,200	
building per m2 for Maths	\$1,200				
building per m2 for Technology	\$3,500				
Floor space per child (classroom, halls, toilets, admin, etc.)			33		
University student population			1,000		
Total building area and cost			33,000	\$3,200	\$105,600,000
Sporting fields and grounds buildings					2,500,000
Total University Campus to be developed		students	5,000		
TOTAL BUILDING STRUCTURES (Cordell based estimates can be improved upon)		M ²	<u>33,000</u>	\$3,276	<u>\$108,100,000</u>

SITE WORKS

Site Filling	20,000 spaces	circulation	M ³ 2	50	1,000,000
Parking Areas	200 per car space	15	297 3	4,452 14.84	100 80,000
Site works			M ²	800	100
Sporting Fields	20,000		M ³	150	3,000,000
Services (electrical / sewer etc) transformers					5,000,000
Security fences					30,000
Security deposits Power Authority					10,000
Professional costs				6%	6,486,000
Contingency				5%	5,405,000
TOTAL CONSTRUCTION					<u>\$129,556,200</u>

LAND COSTS

100,000 M³ 200 20,000,000

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LAND & BUILDINGS

\$149,556,200

RENTAL BUDGET

33,000 M² \$453.20 M²
10.0% pr anm **\$14,955,620**



PASCAS FOUNDATION (PNG) Inc	\$ = AUD	30 Jun	AU\$1.00 = USD 0.65	24
HOSPITAL COST			PGK 2.55	
INVESTED FUNDS			\$	\$
Central Location - Medium Rise - Prestige Structure				
LAND ACQUISITION	TEN HECTARES		\$20,000,000	
Stamp Duty	REQUIRED		1,200,000	
Legals & Commissions on purchase			100,000	
Land Cost				21,300,000
Headwork Charges				1,000,000
Civil Works				4,000,000
SITE COSTS				<u>\$26,300,000</u>
HOSPITAL DEVELOPMENT				
	BEDS			
BUDGET COST OF BUILDING	300	\$600,000	180,000,000	
Professional Fees - Construction		12.0%	12,387,840	
BUILDING COSTS				192,387,840
TOTAL GENERAL AREA FITOUT	300	\$100,000	30,000,000	
TOTAL for Theatres	15	\$1,200,000	18,000,000	
IMAGING SYSTEMS TOTAL			19,000,000	
RADIOTHERAPY TOTAL			0	
EMERGENCY CENTRE			1,500,000	
MEDICAL CENTRE for Medical Practitioners			600,000	
MEDICAL CENTRE for Specialists			1,000,000	
MEDICAL CENTRE for Oncologist Specialists			2,200,000	
PAIN CLINIC			1,200,000	
PATHOLOGY LABORATORY			2,000,000	
HOSPITAL EQUIPMENT COSTS				75,500,000
Stockup			5,000,000	
Professional Fees - Industry Specialities			2,250,000	
Development Working Capital			2,000,000	
Pe-opening marketing and staffing costs			5,000,000	
Working Capital			5,000,000	
WORKING CAPITAL & FEES				<u>19,250,000</u>
TOTAL HOSPITAL DEVELOPMENT COSTS				<u>\$313,437,840</u>
MEDI-HOTEL with Step-Down Accommodation	ROOMS	per room		
room fitout	150	\$60,000	9,000,000	
balance			3,800,000	
Hotel total fitout				12,800,000
ASSOCIATED MEDICAL FACILITIES & DIVISIONS				10,000,000
ASSET DEVELOPMENT COSTS				<u>\$336,237,840</u>
Borrowing Costs & Share Placement Costs		3.0%		10,087,135
INTEREST PROVISION - CONSTRUCTION		8.0%		26,899,027
INTEREST PROVISION - 3 Months Operation				6,000,000
TOTAL PROJECT BUDGET				<u><u>\$379,224,002</u></u>
BUFFER	{ buffer offset against interest + provision }			20,775,998
FUNDING STRUCTURE				<u><u>\$400,000,000</u></u>



HOSPITAL EQUIPMENT

PGK 2.55

PLANT & EQUIPMENT

EQUIPMENT & FITOUT BUDGETS	No		Total
		\$	\$
Wards - single with medical gas, ensuite etc	300	40,000	\$12,000,000
Ward area equipment			1,000,000
Day Theatre complex fitout for patients	30	25,000	750,000
Common Areas			1,500,000
Office and administration			300,000
Computer System, hardware and software			9,000,000
Telephone System			550,000
Fire Detection Systems			500,000
Signage			400,000
Sundry Provisions			4,000,000
TOTAL GENERAL AREA FITOUT	300	100,000	\$30,000,000
THEATRES			
Table		\$100,000	
Theatre Lights		100,000	
Instruments		200,000	
Image Intensifier		140,000	
Anaesthesia		170,000	
Endoscopy Instruments		120,000	
Autoclaves		100,000	
Sundry		270,000	
Total per Theatre		\$1,200,000	
Total for Main Theatres	10	12,000,000	
Total for Day Theatres	5	6,000,000	
TOTAL for Theatres			18,000,000
IMAGING EQUIPMENT			
MRI Flex Art		4,400,000	
Cardiac Catheter Lab		2,400,000	
CT Scanner Xpress SX		2,200,000	
CT Scanner Xspeed		1,800,000	
Angiography Unit		1,400,000	
Dual Head Gamma Camera		1,000,000	
Fluoroscopy Room		800,000	
General Ultrasound		600,000	
Cardiac Ultrasound		600,000	
Mobile Image Intensifier - main theatres		300,000	
Mobile Image Intensifier - day theatres		300,000	
Mammography Unit		250,000	
General Xray Room		400,000	
Tomography Room		200,000	
Mobile Xray Unit		100,000	
Laser Camera		100,000	
Monitoring Equipment, ECG/pressures		250,000	
Dark Room Agfa & Miscellaneous		150,000	
Additional Developments		1,750,000	
IMAGING SYSTEMS TOTAL			19,000,000
RADIOTHERAPY UNIT			
Linear Accelerator (10MEV) - Varian		0	
Linear Accelerator (6MEV) - Varian		0	
Support Equipment		0	
RADIOTHERAPY TOTAL			0
EMERGENCY			1,500,000
MEDICAL CENTRE for Medical Practitioners			600,000
MEDICAL CENTRE for Specialists			1,000,000
MEDICAL CENTRE for Oncologist Specialists			2,200,000
PAIN CLINIC			1,200,000
PATHOLOGY LABORATORY			2,000,000
TOTAL FITOUT & EQUIPMENT			\$75,500,000

PASCAS FOUNDATION (PNG) Inc
**ESTIMATED BUILDING COSTS FIRST AID - CLINIC-
 COMMUNITY CENTRE**

\$ = AUD 30 Jun 26

AU\$1.00 = USD 0.65 PGK 2.55

AU\$.38 = PGK 1.00

	Metres Length	Metres Width	Total Floor Area M ²	\$ M ² Cost	TO BUILD A\$ Cost
TOTAL COMPLEX					
building per m2				\$3,000	
budget including land					
FIRST AID POST	30%				\$300,000
MEDICAL CLINIC	30%				1,000,000
COMMUNITY CENTRE	30%				2,000,000
MOBILE CLINIC	30%				500,000
TOTAL BUILDING STRUCTURES			M ² 0		\$3,800,000
(Cordell based estimates can be improved upon)					
SITE WORKS					
Site Filling		2,000	M ³	50	100,000
Parking Areas	spaces	circulation	2		
	20	15	30	445	100
	per car space	5	3	14.84	44,520
Site works			M ²	800	100
Services (electrical / sewer etc)					50,000
transformers					
Security fences					30,000
Security deposits Power Authority					10,000
Professional costs				6%	228,000
Contingency				5%	190,000
TOTAL CONSTRUCTION					\$4,532,520
LAND COSTS		3,000	M ³	200	600,000

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LAND & BUILDINGS

\$5,132,520

RENTAL BUDGET

0 M² 10.0% pr anm \$513,252 M²



Load prime
 cost by
 30%

Doctors require a three- to four-year undergraduate Bachelor of Medicine program and a four-year postgraduate degree. They then spend up to two years interning and training as a resident before spending up to four years training as a fellow in their chosen speciality.

In Australia, you can expect to pay between AU\$11,000 and AU\$60,000 per year for your studies, depending on whether you have a Commonwealth Supported Place (CSP) or are paying full-fees in an accelerated program. Typical tuition fees for undergraduate medical programs are around AU\$57,760 to AU\$71,488 (February 2022). (Consider AU\$70,000)

The fees for an undergraduate (bachelor's) nursing course may range between AUD \$27,000 to \$35,000 per year. The Bachelor of Nursing is 3 years, full-time under the standard study plan. By fast-tracking you can complete the degree in 2 years, including clinical placements. For a traditional four-year bachelor of science in nursing (BSN) program, students can expect total tuition costs of at least \$40,000 (or much more).

Master of Teaching (Secondary)

Indicative first year fee AU\$30,976

University of Melbourne 2022

Indicative total course fee AU\$63,500

Secondary school teachers are responsible for teaching students in Year 7 through 12, who are generally between the age group of 12 and 18. These typically include four-year courses for individuals with a good Universities Admission Index (UAI) score and who have successfully completed Year 12. The courses combine practical and theory to give a well-rounded teaching experience.

	Total Tuition Fees	
Bachelor of Accounting	2022	\$135,600
Bachelor of Information & Communications	2022	\$111,840
Bachelor of Psychology	2022	\$108,480
Bachelore of Nursing & Midwifery	2022	\$82,920
Master of Teaching	2022	\$48,960

SCHOLARSHIPS GRANTS		2026	2027	2028	2029	2030
Doctors	numbers	200	200	200	200	200
Nurses	numbers	400	400	400	400	400
Teachers	numbers	400	400	400	400	400
		<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
Cumulative whilst at foreign university						
Doctors	numbers	200	400	600	800	1,000
Nurses	numbers	400	800	1,200	1,200	1,200
Teachers	numbers	400	800	1,200	1,600	1,600
		<u>1,000</u>	<u>2,000</u>	<u>3,000</u>	<u>3,600</u>	<u>3,800</u>
Tuition Fees						
	each					
Doctors	per annum	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
Nurses	per annum	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Teachers	per annum	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Living Allowance Subsidy						
	each					
Doctors	per annum	25,000	25,000	25,000	25,000	25,000
Nurses	per annum	25,000	25,000	25,000	25,000	25,000
Teachers	per annum	25,000	25,000	25,000	25,000	25,000
Total Individual Scholarship						
	each					
Doctors	per annum	\$95,000	95,000	95,000	95,000	95,000
Nurses	per annum	60,000	60,000	60,000	60,000	60,000
Teachers	per annum	60,000	60,000	60,000	60,000	60,000
ANNUAL SCHOLARSHIP BUDGET						
Doctors	per annum	\$19,000,000	38,000,000	57,000,000	76,000,000	95,000,000
Nurses	per annum	24,000,000	48,000,000	72,000,000	72,000,000	72,000,000
Teachers	per annum	24,000,000	48,000,000	72,000,000	96,000,000	96,000,000
TOTAL SCHOLARSHIPS		<u>\$67,000,000</u>	<u>\$134,000,000</u>	<u>\$201,000,000</u>	<u>\$244,000,000</u>	<u>\$263,000,000</u>

PASCAS FOUNDATION (PNG) Inc
ENTERPRISE AGREEMENT WAGE STRUCTURE

\$ = AUD 30 Jun 28
 AUS\$1.00 = USD 0.65

	Annualised Daywork	Weekly	Hourly Overtime
GENERAL OPERATIONS			
1 Trainee Operator	\$22,880	\$440	\$13.10
2 Operator	\$24,960	\$480	\$14.30
3 Senior Operator	\$26,520	\$510	\$15.20
4 Plant Controller	\$27,560	\$530	\$15.80
5 Senior Plant Controller	\$29,120	\$560	\$16.70
6 Senior Plant / Trainer	\$30,160	\$580	\$17.30
7 Plant Specialist	\$33,800	\$650	\$19.35
ADMINISTRATION			
Secretarial / Clerical	\$26,000	\$500	\$14.90
Personal Assistant	\$31,200	\$600	\$17.85
Specialist	\$52,000	\$600	\$29.75

PRODUCTIVE HOURS per ANNUM	Weeks	Days	Hours
Weeks per year	52	260	
Less: Public Holidays (10)	2	10	76
Annual Holidays	4	20	152
Effective working weeks	46	230	
Hours worked per day			7.60
Hours worked per week			38
Employee annual productive hours per Annum			1,748

Overtime hours worked are paid at the rate being annual salary / productive hours pa

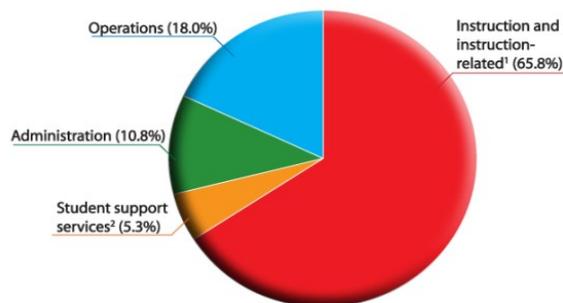
SHIFT PLATFORM	Day 7am-3pm	Night 3pm-11pm	Morning 11pm-7am
Shift Allowance	\$0.00	\$7.00	\$14.00

SUPERANNUATION	2006	9.00%
Employer contribution as a % of ordinary time earnings Financial Year ending on 30 June	2009	10.00%

WORKERS COMPENSATION 2.50%

AVERAGE WAGE	Base	On-Costs	TOTAL			
Specialist	\$26,520	20%	\$31,824			
Year	2026	2027	2028	2029	2030	
Total Employees in Clinics & Schools	\$48,360	\$249,860	\$9,879,384	\$65,124,868	\$65,326,368	
Employees Number	2	8	311	2,047	2,053	
Employees Administration	54	107	128	150	171	
Total Employed	56	115	439	2,197	2,224	
Sales per Clinic & School Employee	\$39,000	\$50,375	\$51,236	\$51,314	\$51,323	

Percentage distribution of total current expenditures for public elementary and secondary education



Construction Costs and Descriptors Queensland Independent Schools Block Grant Authority

	Construction Costs (per m2)	Descriptors
GENERAL LEARNING AREA (Prep)	AUD Feb 2022 \$2,550	Includes general classroom or multipurpose area, teacher work areas and general storage.
GENERAL LEARNING AREA (P & S) GENERAL LEARNING AREA (C) WITHDRAWAL / STORAGE AREA	\$2,410 \$2,410 \$2,380	
FLEXIBLE LEARNING AREA	\$2,650	Includes wet areas and/or additional storage/joinery.
HEALTH and PHYS ED	\$2,380	Includes basic gym areas and equipment stores and basic change rooms. *Excludes amenities.
SCIENCE	\$3,370	Includes laboratories and project/research labs, preparation rooms (high service costs), storage for laboratory equipment and chemicals. Basic building also reflects adjusted materials.
TECHNOLOGIES: - Design and Tech./Digital Tech. Laboratory	\$2,990	Includes provision for increased technology capability in an adaptable workspace including equipment storage and associated joinery, such as for robotics or other practical activities.
TECHNOLOGIES: - Food and fibre production - Food specialisations	\$3,260	Includes basic kitchen, pantry, laundry, storerooms and associated joinery.
TECHNOLOGIES: - Hospitality Practices (VET and/or Applied Syllabuses)	\$3,890	Includes higher density of building services and extraction system, industry relevant fit out, as well as food store, laundry, storerooms and associated joinery. *Excludes cold/cool room.

Functional Areas	Construction Costs (per m2)	Descriptors
TECHNOLOGIES e.g.: - Engineering principles and systems - Materials and technologies specialisation	AUD Feb 2022 \$2,630	Includes workshop areas, machine bays, spraying bays, wash areas, storerooms, materials storage/racking space and associated joinery. *Excludes dust extraction system.
TECHNOLOGIES e.g.: - Engineering Skills (VET and/or Applied Syllabuses)	\$2,630	Includes workshop areas, machine bays, spraying bays, wash areas, storerooms, materials storage/racking space and associated joinery. *Excludes dust extraction system.
THE ARTS: - Dance - Drama - Media Arts - Music - Visual Arts	\$3,140 \$3,140 \$3,140 \$3,140 \$2,650	Includes acoustic treatments and additional services, such as dance floors, as well as practice rooms, band rooms, recording studios, green rooms, sound booths and storage rooms. Visual Arts includes storage, associated joinery, wet areas and display areas. *Excludes associated COLA.
ADMINISTRATION (P) ADMINISTRATION (S) ADMINISTRATION (C)	\$3,070 \$3,040 \$3,040	Reception, site server room, school management, business/finance and clerical support offices, work areas, secure and unsecure storage, board room/meeting rooms, staff room and amenities, sickbay, finishes and fixtures of appropriate quality, internal travel and other areas deemed necessary for the operation of the school.
AMENITIES (P) AMENITIES (S)	\$4,330	Includes toilets, urinals, disabled/ambulant toilets, showers, sinks, and cleaner rooms. NOTE- rate for 2020 includes higher proportion of open space.
APPLIED TECHNOLOGIES	\$3,890	Higher density cabling for electrical and communications purposes resulting in a high heat load (such as a server room or comms space) requiring provision of air- conditioning. May also require acoustic treatment, due to the technology-based activity occurring within, such as Media Arts or Film and Television and New Media. *Excludes wi-fi service.
COVERED LUNCH AREA	\$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof.

Construction Costs and Descriptors Queensland Independent Schools Block Grant Authority

Functional Areas	Construction Costs (per m2)	Descriptors
COVERED OUTDOOR LEARNING AREA (COLA)	AUD Feb 2022 \$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof, open aired. NOTE- COLA area up to 40m2, larger emphasis on lighting.
ENGINEERING - Plant Room	\$1,890	Includes plant rooms e.g., switchboard, air conditioning.
HPE SPORTS AREA	\$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof. NOTE- painted floor, basic line marking, possible small stage for assembly purposes or block wall for ball sports, some lighting.
LIBRARY/RESOURCE CENTRE (P)	AUD Feb 2022 \$2,600	Includes all circulation spaces, reading rooms, individual study areas, work rooms, satellite libraries, storage rooms and associated joinery.
LIBRARY RESOURCE CENTRE (S) SENIOR STUDY CENTRE LIBRARY/RESOURCE CENTRE (C)	\$3,040 \$3,040 \$3,040	*Excludes any server room or other areas reliant on higher density cabling for electrical and communications purposes.
MULTIPURPOSE HALL	\$2,540	Includes large, open span structure, hardstand floors, basic line marking, and natural ventilation. *Excludes amenities and sprung floors.
PERFORMANCE HALL	\$3,290	Includes provision for higher standard of finishes, stage, basic lighting and curtaining. *Excludes amenities.

TRAVEL ENCLOSED & STAIRWELLS

\$2,510

Includes enclosed pedestrian travel, such as stairwells, corridors and hallways.

TRAVEL LINK	\$800	Based on detached structure, basic frame, roof, simple lighting, ground slab as covered pedestrian walkway between buildings
TRAVEL UNENCLOSED	\$630	Based on attached structure, basic frame, roof, simple lighting, light ground pavement as pedestrian walkway between buildings. NOTE- also basic veranda on one side of building, 1st and/or 2nd floor, up to 3m wide. *Excludes uncovered paths. (refer Sundry Allowances- Landscaping)

Functional Areas	Construction Costs (per m2)	Descriptors
TUCKSHOP	AUD Feb 2022 \$4,940	Includes service areas such as service counter, roller doors, sink and food preparation areas such as benches and associated joinery. High intensity of building services and security. NOTE- Small area (10-20m2) *Excludes cold/cool room.

UNDERCROFT

DORMITORY ACCOMMODATION (inc. ensuites)

\$ 850 Includes basic structure to building works above, basic lighting and minimal walls.

\$2,840 Includes basic framed structure with dedicated ensuite.

DORMITORY ACCOMMODATION (inc. shared ensuites)	AUD Feb 2022 \$2,680	Includes basic framed structure, shared ensuite between multiple accommodation spaces (1, 2 or 4 beds sharing same service corridor). Higher density amenities.
SUPERVISORS ACCOMMODATION	\$2,840	Includes basic framed structure, with dedicated ensuite, kitchenette, area for single bed. NOTE- Studio type unit (35-45)

The current population of Papua New Guinea is 10,762,817 based on projections of the latest United Nations data. The UN estimates the population at 10,762,817 (mid 2025) . say **12,000,000**

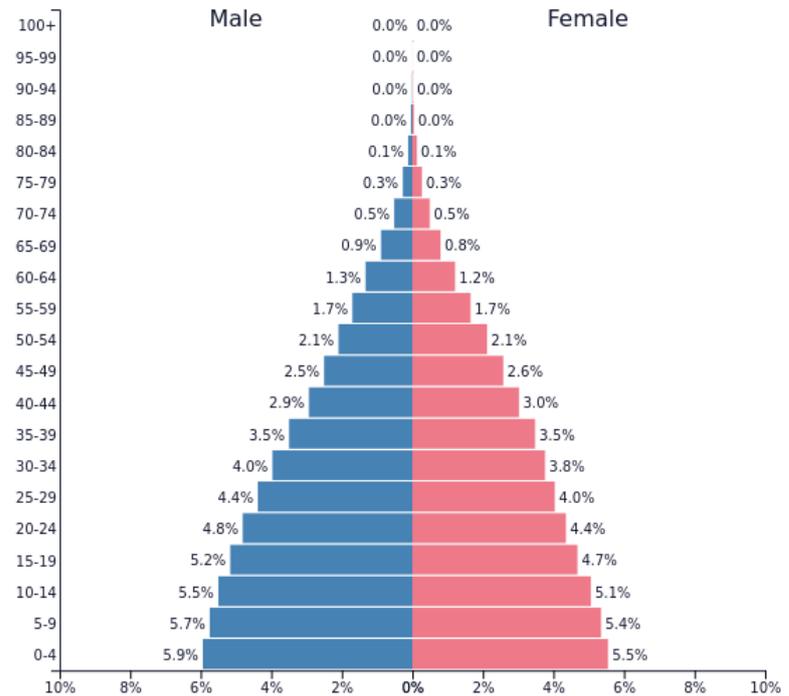
Predictions for the population of Papua New Guinea are 11,671,424 in 2030, 13,376,160 in 2040, and 14,906,590 by 2050.

Births per Day	704
Deaths per Day	194

The median age in Papua New Guinea is **22.6 years**.

Age structure	https://www.indexmundi.com/papua_new_guinea/age_structure.html#google_vignette	
0-14 years:	31.98%	(male 1,182,539 / female 1,139,358)
15-24 years:	19.87%	(male 731,453 / female 711,164)
25-54 years:	37.68%	(male 1,397,903 / female 1,337,143)
55-64 years:	5.83%	(male 218,529 / female 204,717)
65 years and over:	4.64%	(male 164,734 / female 171,916) (2020 est.)

Religions	
Roman Catholic	27.00%
Protestant	69.4%
Evangelical Lutheran	19.50%
United Church	11.5%
Seventh-Day Adventist	10.00%
Pentecostal	8.60%
Evangelical Alliance	5.20%
Anglican	3.20%
Baptists	2.50%
Other Protestant	8.9%
Bahá'í	0.3%
Indigenous beliefs and other	3.30%



PopulationPyramid.net

Papua New Guinea - 2025
Population: 10,762,816

Papua New Guinea is **the most linguistically diverse country**, despite its relatively small population. A likely reason for the country's linguistic diversity is its isolation from modern life. Over 80% of Papua New Guinea's population lives in rural areas and has minimal contact with external influences or other tribes.

English is the main language of government and commerce. In most everyday contexts the most widely spoken language is Tok Pisin ("Pidgin Language"; also called Melanesian Pidgin or Neo-Melanesian).

In addition to the official languages, there are more than 800 distinct indigenous languages belonging to two radically different language groups—Austronesian, to which the local languages classified as Melanesian belong, and non-Austronesian, or Papuan.

Corruption is rife in Papua New Guinea (PNG). According to The Economist, "PNG's governments are notorious for corruption, and ever run the risk of turning the state into a fully-fledged kleptocracy".

Transparency International's 2016 Corruption Perception Index ranks the country 142th place out of 180 countries.

Despite Papua New Guinea's (PNG) current extractives-led economic boom, an estimated 40% of the country lives in **poverty**. Pressing human rights issues include gender inequality, violence, corruption, and excessive use of force by police.

Problems in the country

- Women's and Girls' Rights. ...
- Children's Rights. ...
- Police Abuse. ...
- Corruption. ...
- Asylum Seekers and Refugees. ...
- Land Rights. ...
- Disability Rights. ...
- Sexual Orientation and Gender Identity.





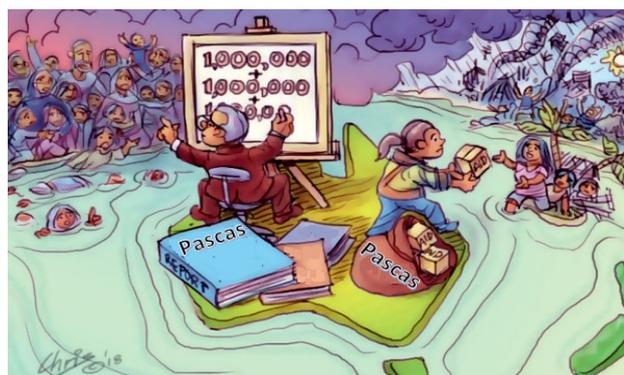
Population 10,762,817 (mid 2025)

Estimate 2025 population is 12 million

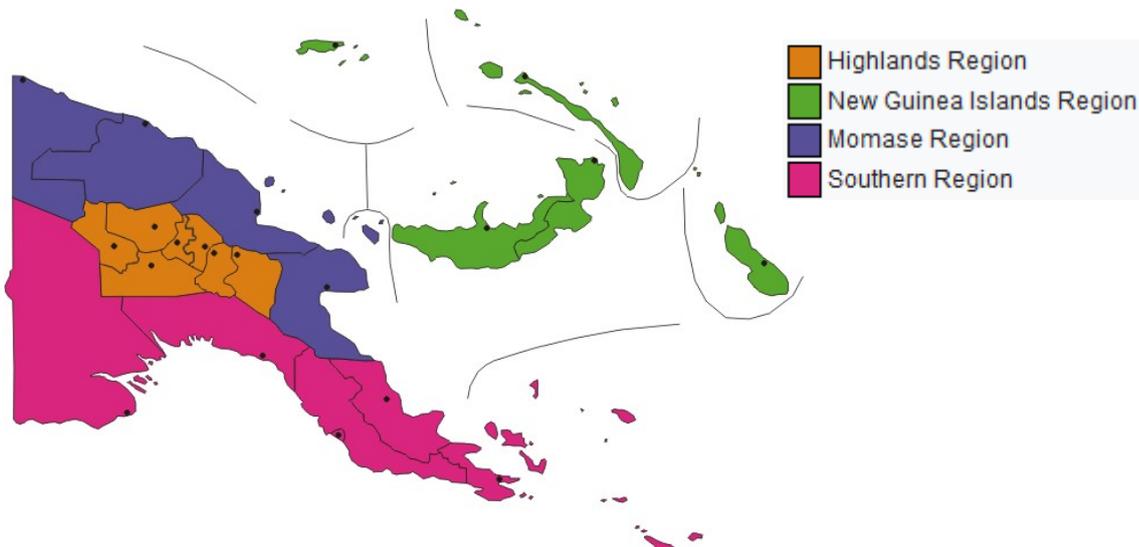
12.6 % of the population is **urban** (1,351,201 people in 2025)
 The **median age** in Papua New Guinea is **21.7 years**.

Gross domestic product USD 30.63 billion (2022)
 GDP per capita USD 2,482 (2023)

Name		Population	Map of Consciousness
1 Port Moresby	National Capital	364,145	200
2 Lae	Morobe	100,677	210
3 Mount Hagen	Western Highlands	46,256	190
4 Arawa	Bougainville	44,865	200
5 Popondetta	Northern Province	28,198	200
6 Madang	Madang	29,339	225
7 Kokopo	East New Britain	20,262	190
8 Mendi	Southern Highlands	26,252	200
9 Kimbe	West New Britain	18,847	190
10 Goroka	Eastern Highlands	25,000	200
11 Wewak	East Sepik	25,143	205
12 Bulolo	Morobe	16,042	215



# (map)	Region	Province	Capital	Population (2011 census)	Map of Consciousness	Percent Calibrating		Population in severe untruth poverty
						MoC 100 | MoC 200		
	1 Southern Region	Central	Port Moresby	269,756	191	48%	90%	243,000
	2 Highlands Region	Chimbu (Simbu)	Kundiawa	376,473	190	50%	95%	358,000
	3 Highlands Region	Eastern Highlands	Goroka	579,825	193	50%	90%	522,000
	4 Islands Region	East New Britain	Kokopo	328,369	197	49%	90%	295,000
	5 Momase Region	East Sepik	Wewak	450,530	200	52%	91%	410,000
	6 Highlands Region	Enga	Wabag	432,045	198	55%	90%	389,000
	7 Southern Region	Gulf	Kerema	158,194	190	55%	95%	150,000
	8 Momase Region	Madang	Madang	493,906	198	50%	90%	445,000
	9 Islands Region	Manus	Lorengau	50,231	194	55%	95%	48,000
	10 Southern Region	Milne Bay	Alotau	276,512	200	52%	94%	260,000
	11 Momase Region	Morobe	Lae	674,810	197	50%	91%	614,000
	12 Islands Region	New Ireland	Kavieng	194,067	195	51%	95%	184,000
	13 Southern Region	Oro (Northern)	Popondetta	186,309	197	55%	95%	177,000
	14 Islands Region	Autonomous Region of Bougainville	Buka	249,358	195	56%	93%	232,000
	15 Highlands Region	Southern Highlands	Mendi	510,245	195	56%	94%	480,000
	16 Southern Region	Western (Fly)	Daru	201,351	190	56%	93%	187,000
	17 Highlands Region	Western Highlands	Mount Hagen	362,850	191	55%	90%	327,000
	18 Islands Region	West New Britain	Kimbe	264,264	195	53%	94%	248,000
	19 Momase Region	Sandaun (West Sepik)	Vanimo	248,411	198	56%	93%	231,000
	20 Southern Region	National Capital District	Port Moresby	364,125	200	49%	90%	328,000
	21 Highlands Region	Hela	Tari	249,449	195	50%	94%	235,000
	22 Highlands Region	Jiwaka	Banz	343,987	198	50%	90%	310,000
PAPUAL NEW GUINEA			2021 – 2022 2025	9,000,000 12,000,000	202	50%	92%	11,040,000



There are four regions, each of which comprises a number of provinces:

Highlands Region: Chimbu (Simbu), Eastern Highlands, Enga, Hela, Jiwaka, Southern Highlands, and Western Highlands.

New Guinea Islands Region: Bougainville (North Solomons), East New Britain, Manus, New Ireland, and West New Britain.

Momase Region: East Sepik, Madang, Morobe, and Sandaun (West Sepik).

Southern Region: Central, Gulf, Milne Bay, Oro (Northern), and Western (Fly River).

Hela province is one of Papua New Guinea's newest provinces, formed from three Southern Highlands districts in 2012. The capital being Tari. The Province of Hela consists of the districts of (1) Komo / Margarima (Mr Rait), (2) Tari / Pori (PM), and (3) Koroba / Kopiago.

Papua New Guinea consists of 22 provinces with each having a governor elected to the federal government and 89 districts making for 111 elected members of parliament.

CENSUS POPULATION & CADASTRAL MAPPING

A USA **Census Count** in 2020 equation breaks out hard-to-count populations into three groups and notes how much they cost to count per person:

Basic outreach (\$2 per person);	USD	\$2.00
Moderate outreach (\$25 per person); and	USD	\$25.00
Intensive outreach (\$75 per person).	USD	\$75.00

Finally, the equation breaks down the number of hard-to-count people that should receive each level of funding:

Basic (100% of hard-to-count);	85.0%	\$170	
Moderate (10% of hard-to-count); and	10.0%	\$250	
Intensive (5% of hard-to-count)	5.0%	\$375	
	100 people	<u>\$795</u>	\$7.95 per person

Census of Population budget allow per person \$10.00

PAPUA NEW GUINEA potential population 15,000,000 budget \$150,000,000

The United Nations lists four essential features of a census:

1. Each individual is enumerated separately; the characteristics of each person within the household are recorded separately.
2. The census covers a precisely defined territory and includes every person present or residing within its scope. The housing census should include every type of building and living quarters.
3. Each person and each type of building and living quarters is enumerated with respect to a well-defined point of time.
4. The census is taken at regular defined intervals, usually every 10 years.

The Measure Evaluation document outlines the types of data collected in the census:

Basic population characteristics including age, sex, marital status, household composition, family characteristics, and household size.

Economic measures including labor force participation, occupation, place of work, employment-related industry, and educational attributes such as school attendance, educational attainment, and literacy.

Geographic and migration information is also collected.

Questions on place of birth, place of usual residence, duration of residence, and prior place of residence allow planners to examine population movements.

Some countries also collect information on births and deaths, especially those that do not have a system that adequately registers these vital events.

Information on buildings, living quarters and related facilities.



CADASTRAL MAPPING

A cadastral map is a map which provides detailed information about real property within a specific area. A simple example of a cadastral map might be a map of a village which shows the boundaries of all of the parcels or lots within the village, although cadastral maps can show other types of areas as well. These maps are usually maintained by the government, and they are a matter of public record; anyone who wishes to go to the office which maintains the records can ask to see them.

Mapping of land entitlement and 'ownership' throughout Papua New Guinea is critical for many reasons:

Mitigation of land ownership disputes and subsequent tribal conflicts and wars.

Infrastructure development requires access throughout regions to enable installations of roads, water supplies, etc.

	2026	2027	2028	2029	2030
Census & Cadastral Mapping	<u>150,000,000</u>	<u>150,000,000</u>	<u>150,000,000</u>	<u>0</u>	<u>0</u>

MAP OF CONSCIOUSNESS

Map of Consciousness from Dr David R Hawkins, M.D., Ph.D. "Power vs Force".

Level	Log
ENLIGHTENMENT	700-1000
PEACE	600
JOY	540
LOVE	500
REASON	400
ACCEPTANCE	350
WILLINGNESS	310
NEUTRALITY	250
COURAGE	200
PRIDE	175
ANGER	150
DESIRE	125
FEAR	100
GRIEF	75
APATHY	50
GUILT	30
SHAME	20

PERSONALITY TRAITS:

Less than two dozen people on planet Earth.

Would not pick up a weapon let alone use it. These people gravitate to the health industry and humanitarian programs.

Debate and implement resolutions without argument and delay. 470

Debate and implement resolutions in due course. 440

Debate and implement resolutions with some degree of follow up generally needed. 410

Management supervision is generally necessary.

Politics become the hope for man's salvation.

Cause no harm to others starts to emerge. Power overrides force. Illness is developed by those man erroneous emotions that calibrate 200 and lower.

Armies around the world function on pride. Force is now dominant, not power.

Harm of others prevails, self-interest prevails.

Totally self-reliant, not God reliant.

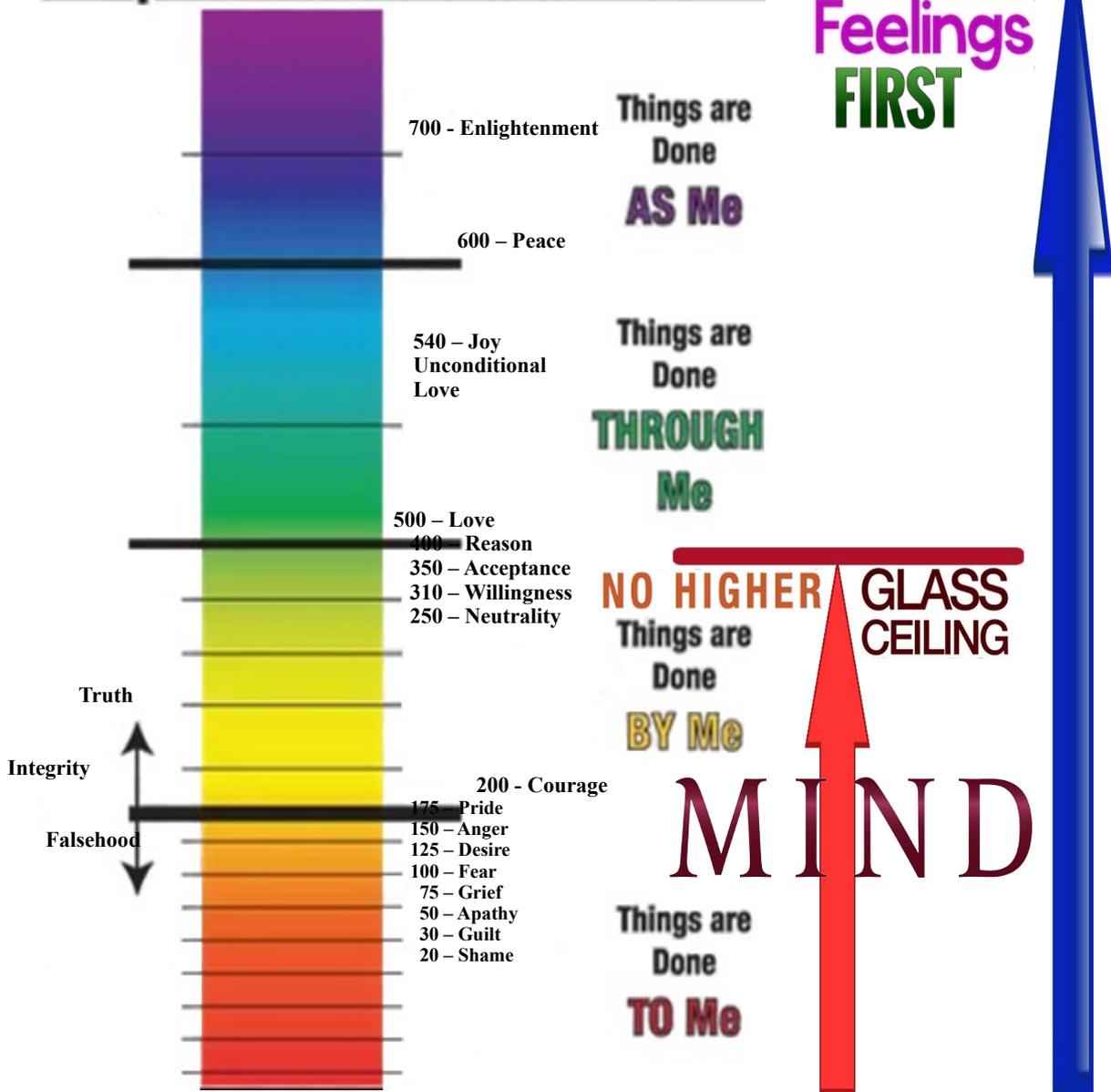
Fear dominates all motivation.

Suicide is possible and probable.

At these levels, seriously harming others for even trivial events appears to be justifiable.

Poverty, unemployment, illness, etc., this is living hell on Earth.

Map of Consciousness



Correlation of Levels of Consciousness – Soul Condition – and Society Problems				
Level of Consciousness	Rate of Unemployment	Rate of Poverty	Happiness Rate "Life is OK"	Rate of Criminality
600 +	0%	0.0%	100%	0.0%
500 - 600	0%	0.0%	98%	0.5%
400 - 500	2%	0.5%	79%	2.0%
300 - 400	7%	1.0%	70%	5.0%
200 - 300	8%	1.5%	60%	9.0%
100 - 200	50%	22.0%	15%	50.0%
50 - 100	75%	40.0%	2%	91.0%
< 50	95%	65.0%	0%	98.0%

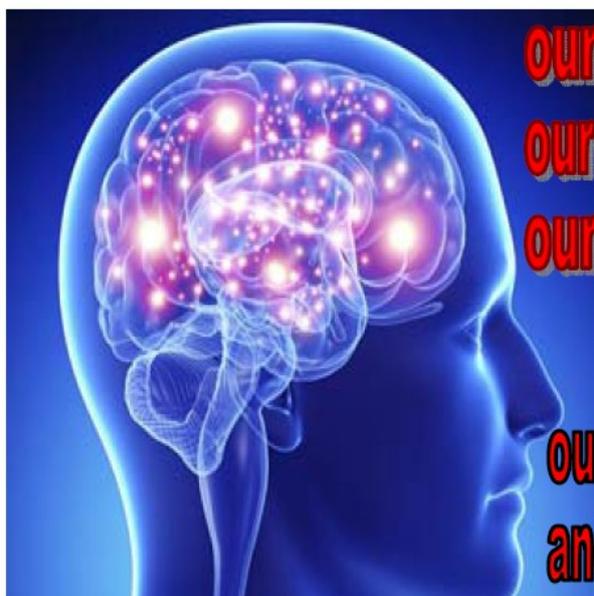


WORLDWIDE relationship of MoC calibration with Life Experiences Life Expectancy, Development, Happiness, Education, Income							
MoC	No. of Countries+ Territories	Average MoC	Average Life Expectancy	Human Development Index	Happiness Index	Education Index	Per Capita Income 2021
400s	22	405	82.2	0.924	7.1	.890	US\$63,032
300s	71	343	77.2	0.794	6.1	.741	US\$30,154
200s	50	251	72.7	0.676	5.3	.610	US\$16,560
High 100s	38	174	70.5	0.659	5.0	.600	US\$12,516
Low 100s	21	119	67.1	0.587	4.6	.501	US\$7,081
Below 100	14	74	65.3	0.565	4.4	.501	US\$6,377
WORLD	216	220	73.3				US\$17,110

When educators do not know what it is that they are teaching - that is the subject of Medicine!

**Doctors do not know what the cause is of any illness - that is maybe why they have identified more than 10,000 illnesses and diseases!
 Education and Health systems are now to EVOLVE!**

**The elephant in the room being: CHILDHOOD SUPPRESSION
 The pathway forward is to embrace: FEELING-HEALING**



**our MIND is a CONTROL ADDICT!
our MIND is addicted to UNTRUTH!
our MIND cannot discern TRUTH!**

**our MIND is within our SPIRIT BODY
and orchestrates our physical BRAIN.**

ASSUMPTIONS are the product of our MIND!

HEALING ends
MIND-CONTROL!



**our SOUL is our TRUTH!
our FEELINGS are our TRUTH!
FEELINGS FIRST, mind to follow!**

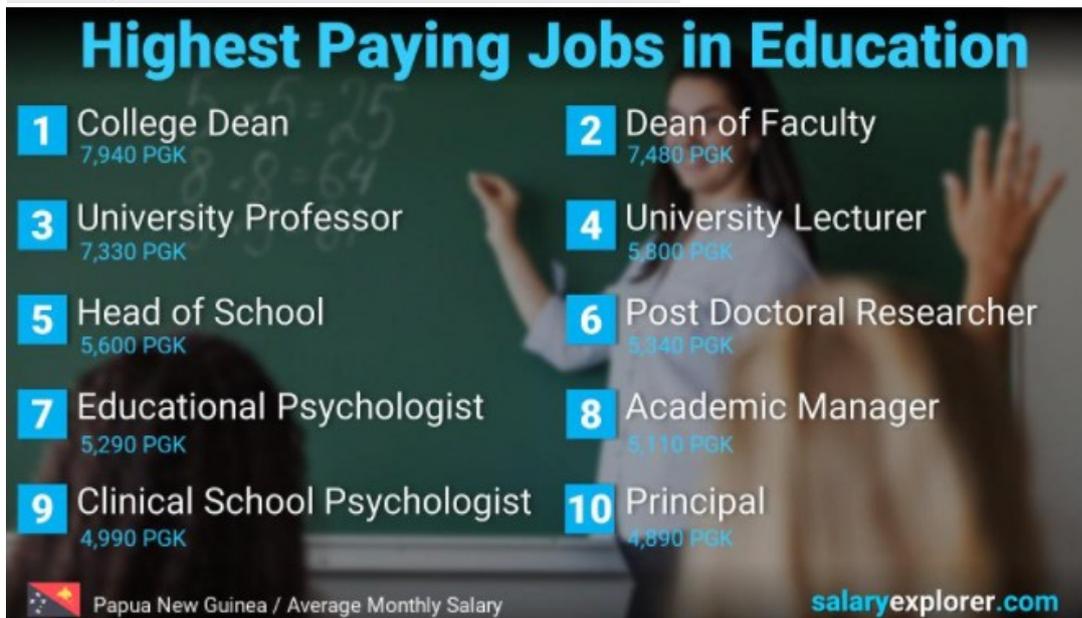
**all we need is WITHIN.
our MIND suppresses FEELINGS.**

The 111 MPs share over K15 million every year, over half a million Kina every fortnight. **Prime minister** earns the highest salary and probably the highest paid public servant in the country, not the Chief Justice. Provincial governors are at the bottom of MPs pay scale earning 5 times less than the PM at nearly K3000.

Papua New Guinea Doctors are among the most highly paid public servants, earning **between K80,000 and K295,000** a year. Average PGK 116,000 per annum

A person working in **Doctor / Physician in Papua New Guinea** typically earns around **9,650 PGK** per month. Salaries range from 3,540 PGK (lowest average) to 16,300 PGK (highest average, actual maximum salary is higher).

Registered Nurse (RN) Jobs by Salary	PNG Average
Registered Nurse (RN), Operating Room	K 36,690
Registered Nurse (RN)	K 16,200
Clinical Operations Manager	K 103,200
Clinical Supervisor	K 27,709
Director of Health Services	K 1,593
Health Manager	K 95,000
Health Program Officer	K 1,100



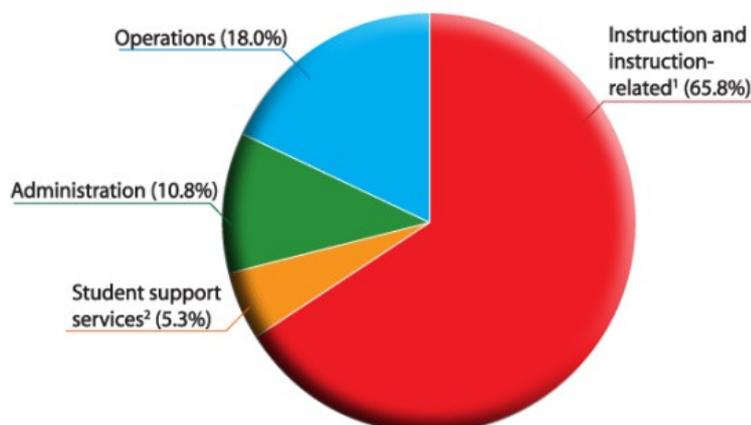
The starting salary of Secondary School Teacher is **between K 23,639.00 and K 27,810.00** whereas the maximum salary range is between K 42,230.00 and K 48,565.00. The average hourly pay of Secondary School Teacher is K 15.60. The maximum hourly wage is between K 16.50 and K 19.00.

The starting salary of Primary School Teacher is **between K 893.00 and K 1,050.00** whereas the maximum salary range is range is between K 35,360.00 and K 40,664.00. The average hourly pay of Primary School Teacher is K 14.42.

What is the average salary in Papua New Guinea?

The Anker Living Income Reference Value for 2020 for rural Papua New Guinea is **PGK 1,593 per month (US \$460)**. This is the estimated monthly cost of a basic but decent standard of living for a typical family in rural Papua New Guinea in 2020.

Percentage distribution of total current expenditures for public elementary and secondary education



Appx. Yearly Minimum Wage

\$3,304.00 USD

Rank by Min. Wage

53 / 197

Gross National Product

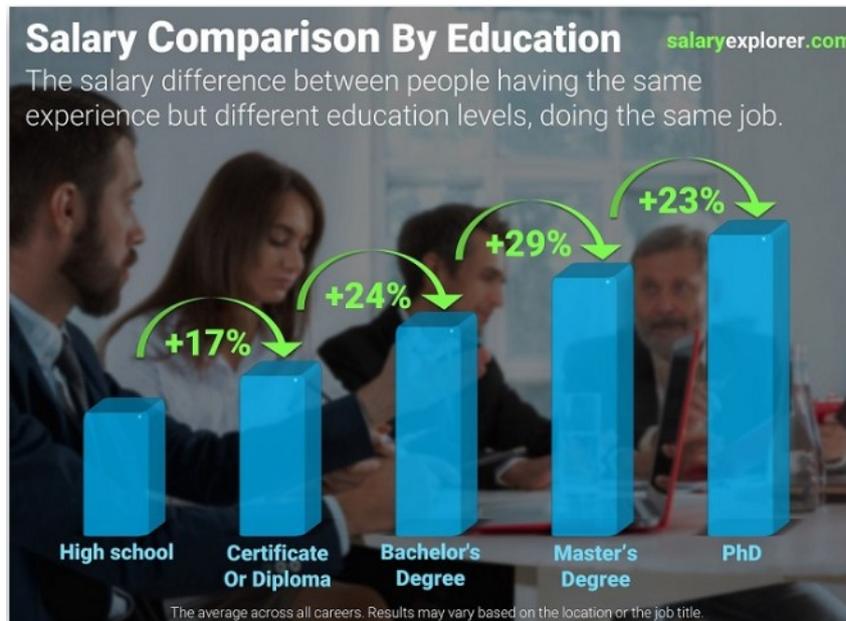
\$4,988.00 USD

Papua New Guinea's minimum wage is 3.20 Papua New Guinean kina per hour for adult workers in the private sector.
 PGK 3.20 = AUD 1.28 per hour

Papua New Guinea's minimum wage was last changed in 1-Aug-2014.

Minimum Wages in Papua New Guinea remained unchanged at 140.80 PGK/Week in the third quarter of 2021 from 140.80 PGK/Week in the second quarter of 2021.

PGK 140.80 = AUD 56.32 per week



PASCAS FOUNDATION (PNG) Inc
PNG TEACHERS WAGES 1

\$ = AUD

30 Jun

PGK 2.55

42

AU\$1.00 = USD 0.65

Academic Advisor	52,900 PGK	Language Instructor For Expatriate	32,700 PGK
Academic Coach	51,100 PGK	Law Teacher	54,800 PGK
Academic Manager	55,900 PGK	Learning Designer	46,600 PGK
Academic Specialist	45,200 PGK	Lecturer	65,800 PGK
Academic Staff	37,900 PGK	Librarian	32,700 PGK
Accompanist	41,200 PGK	Library Assistant	26,300 PGK
Achievement Coach	48,100 PGK	Library Director	47,500 PGK
Admissions Specialist	46,100 PGK	Library Specialist	36,000 PGK
Agricultural Sciences Teacher	38,500 PGK	Life Sciences Teacher	39,200 PGK
Anthropology Teacher	39,600 PGK	Math Lecturer	75,000 PGK
Arabic Language Teacher	38,600 PGK	Mathematics Teacher	46,500 PGK
Archeology Teacher	43,100 PGK	Mentor	45,000 PGK
Architecture Teacher	45,500 PGK	Middle School Teacher	41,200 PGK
Archivist	34,000 PGK	Music Teacher	35,500 PGK
Art Teacher	36,200 PGK	Nursery Manager	60,200 PGK
Assistant School Principal	52,700 PGK	Nursery Worker	24,200 PGK
Assistant Teacher	33,400 PGK	Paraprofessional	55,400 PGK
Biochemistry Professor	69,600 PGK	Physical Education Specialist	43,900 PGK
Biology Teacher	39,900 PGK	Physical Education Teacher	35,600 PGK
Bursary Scheme Manager	46,000 PGK	Physics Teacher	41,800 PGK
Business Teacher	41,700 PGK	Political Science Teacher	40,900 PGK
Chemistry Teacher	40,800 PGK	Post Doctoral Researcher	65,100 PGK
Child Care Coordinator	40,800 PGK	Preschool Education Administrator	44,400 PGK
Child Care Worker	31,800 PGK	Preschool Teacher	34,400 PGK
Clinical School Psychologist	60,800 PGK	Primary School Teacher	35,900 PGK
College Aide	49,100 PGK	Principal	58,400 PGK
College and Career Readiness Specialist	55,600 PGK	Product Specialist	42,800 PGK
College President	88,900 PGK	Professor - Accounting	69,000 PGK
Communications Teacher	42,700 PGK	Professor - Architecture	75,100 PGK
Community Education Officer	33,400 PGK	Professor - Biology	70,400 PGK
Computer Science Teacher	36,800 PGK	Professor - Business Administration	66,400 PGK
Computer Teacher	39,100 PGK	Professor - Chemical Engineering	77,900 PGK
Creative Writing Trainer	45,800 PGK	Professor - Chemistry	74,200 PGK
Credit Counselor	48,700 PGK	Professor - Civil Engineering	66,700 PGK
Cultural Studies Teacher	40,200 PGK	Professor - Communication	70,700 PGK
Curriculum Developer	53,600 PGK	Professor - Computer Science	72,100 PGK
Curriculum Specialist	51,500 PGK	Professor - Dentistry	72,800 PGK
Demonstrator	34,900 PGK	Professor - Drama	71,600 PGK
Deputy Controller of Examinations	48,700 PGK	Professor - Economics	74,800 PGK
Director of Learning Technology	54,300 PGK	Professor - Education	71,300 PGK
Distance Learning Coordinator	46,100 PGK	Professor - Electrical Engineering	79,400 PGK
Economics Lecturer	66,100 PGK	Professor - English	69,700 PGK
Education Administrator	44,000 PGK	Professor - Environmental Engineering	72,200 PGK
Education Assistant Director	54,400 PGK	Professor - Foreign Languages	71,500 PGK
Education Assistant Principal	43,500 PGK	Professor - Geological Sciences	71,800 PGK
Education Assistant Professor	55,300 PGK	Professor - History	70,100 PGK
Education Consultant	57,900 PGK	Professor - Industrial Engineering	67,300 PGK
Education Coordinator	41,000 PGK	Professor - Law	78,200 PGK
Education Counselor	48,200 PGK	Professor - Legal Support	67,400 PGK
Education Director	70,700 PGK	Professor - Liberal Arts	68,100 PGK
Education Program Specialist	50,300 PGK	Professor - Marketing	74,200 PGK
Education Researcher	55,000 PGK	Professor - Mathematics	79,700 PGK
Education Resource Specialist	44,800 PGK	Professor - Mechanical Engineering	75,400 PGK
Education Services Facilitator	45,700 PGK	Professor - Medical Administration	73,600 PGK
Educational Psychologist	59,800 PGK	Professor - Medicine	88,600 PGK
EFL Teacher	39,400 PGK	Professor - Music	65,600 PGK
eLearning Trainer	37,000 PGK	Professor - Nursing	65,200 PGK
Elementary School Teacher	31,900 PGK	Professor - Pharmaceutical Sciences	73,500 PGK
Engineering Lecturer	67,600 PGK	Professor - Philosophy	71,900 PGK
Engineering Teacher	53,600 PGK	Professor - Physical Therapy	73,000 PGK
English Teacher	35,900 PGK	Professor - Physics	80,600 PGK
ESL Teacher	41,000 PGK	Professor - Psychology	70,900 PGK
Faculty Assistant	48,900 PGK	Professor - Rehabilitation	64,000 PGK
Foreign Language Teacher	35,200 PGK	Professor - Social Work	67,300 PGK
GED Teacher	36,800 PGK	Professor - Sociology	71,200 PGK
Geography Teacher	37,900 PGK	Professor - Special Education	70,100 PGK
Head of Mathematics Department	52,800 PGK	Psychology Teacher	59,900 PGK
Head of School	63,000 PGK	Public Management Assistant Professor	59,600 PGK
High School Teacher	45,600 PGK	School Counselor	55,400 PGK
History Teacher	41,700 PGK	Science Educator	39,900 PGK
Infant Teacher	29,600 PGK	Science Laboratory Assistant	36,600 PGK
Instructional Assistant	43,900 PGK	Science Teacher	39,600 PGK
Instructor	43,100 PGK	Secondary Mathematics Teacher	41,000 PGK
Kindergarten Teacher	30,800 PGK	Secondary School Teacher	38,000 PGK

PNG TEACHERS WAGES 2

<http://www.salaryexplorer.com/salary-survey.php?loc=168&loctype=1&job=50&jobtype=1>

Special Education Teacher	41,700 PGK
Special Needs Assistant	32,900 PGK
Statistics Lecturer	67,200 PGK
Student Accounts Coordinator	38,200 PGK
Student Development Specialist	45,200 PGK
Student Employment Specialist	45,900 PGK
Student Services	35,900 PGK
Student Support Manager	49,400 PGK
Substitute Teacher	34,100 PGK
Teacher	36,500 PGK
Teacher Aide	32,500 PGK
Teacher Trainer	49,100 PGK
Training and Development Specialist	51,900 PGK
Training Coordinator	35,100 PGK
Tutor	37,400 PGK
University Teacher	68,300 PGK
Vocational Education Teacher	39,400 PGK



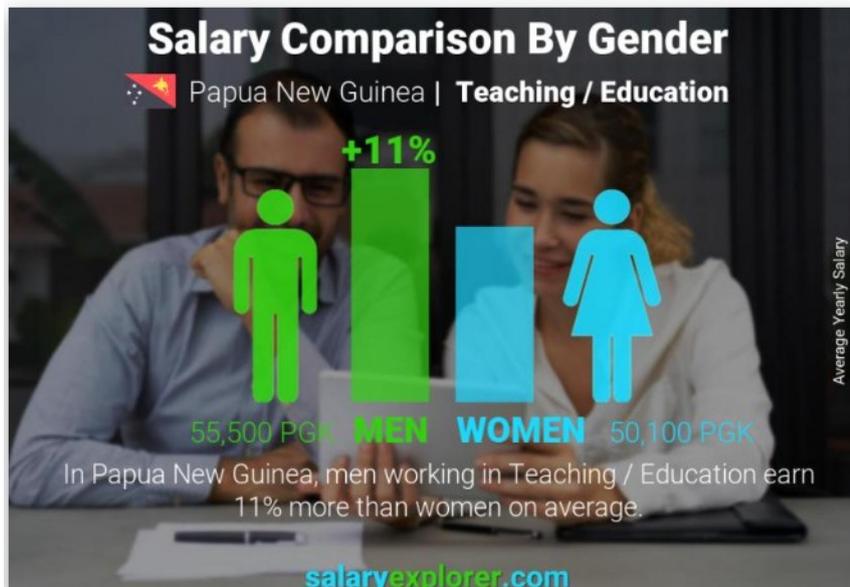
Average Yearly Salary

52,300 PGK

(4,350 PGK monthly)



Teaching / Education Salary Comparison By Gender

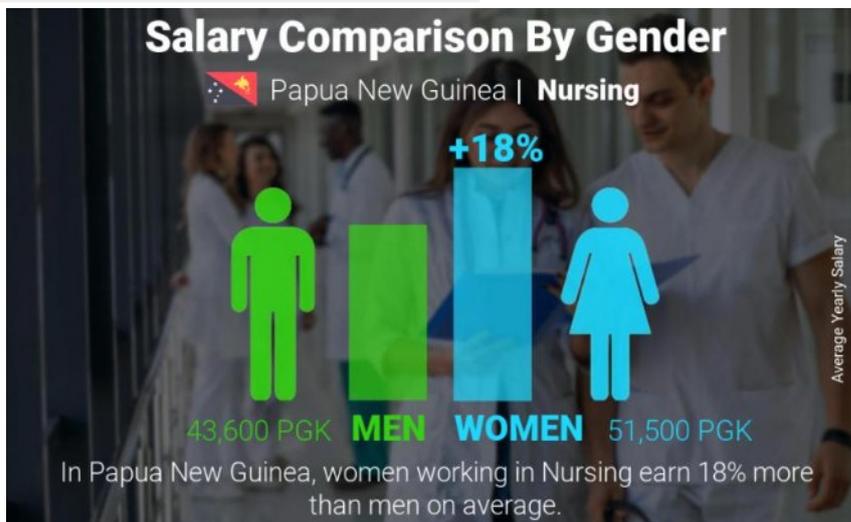
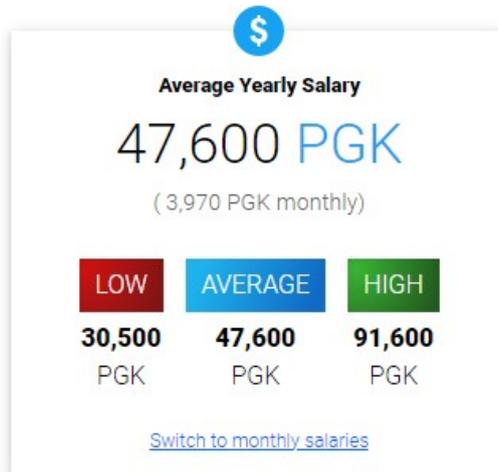


Male	55,500 PGK
Female ▼ -10%	50,100 PGK
Private Sector	45,300 PGK
Public Sector ▲ +14%	51,700 PGK

PNG WAGES NURSES

http://www.salaryexplorer.com/salary-survey.php?loc=168&loctype=1&job=12&jobtype=2

Acute Care Nurse	44,300 PGK
Assistant Director of Nursing	68,300 PGK
Case Manager	55,600 PGK
Company Nurse	30,900 PGK
Critical Care Nurse	43,600 PGK
District Nurse	36,600 PGK
Head Nurse	43,100 PGK
Home Nurse	37,200 PGK
ICU Registered Nurse	41,900 PGK
Informatics Nurse Specialist	43,000 PGK
Licensed Practical Nurse (LPN)	36,200 PGK
MDS Coordinator	42,100 PGK
Mental Health Nurse	40,000 PGK
Neonatal Nurse Practitioner	54,600 PGK
Nurse	36,300 PGK
Nurse Midwife	46,700 PGK
Nurse Practitioner	47,100 PGK
Nursing Assistant	33,300 PGK
Nursing Coordinator	46,500 PGK
Nursing Director	90,900 PGK
Nursing Services Instructor	42,200 PGK
Nursing Supervisor	60,200 PGK
Occupational Health Advisor	70,100 PGK
Occupational Therapist	63,000 PGK
Personal Support Worker	30,900 PGK
Psychiatric Nurse	38,400 PGK
Registered Nurse	39,800 PGK
Respiratory Manager	73,700 PGK
School Nurse	35,000 PGK
Staff Nurse	36,800 PGK
Theatre Manager	62,900 PGK
Utilization Review Nurse	41,700 PGK



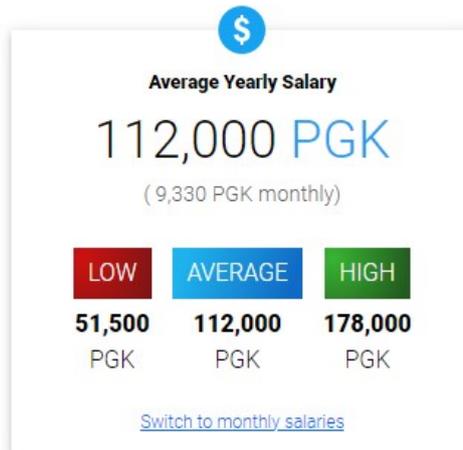
Male	43,600 PGK
Female ▲ +18%	51,500 PGK

http://www.salaryexplorer.com/salary-survey.php?loc=168&loctype=1&job=13&jobtype=2#disabled

Advanced Nutrition Aide	69,100 PGK	Psychologist	124,000 PGK
Advanced Practice Provider	63,400 PGK	Psychometrician	103,000 PGK
Allergist	94,100 PGK	Radiologist	137,000 PGK
Behavioral Health Specialist	53,500 PGK	Registered Respiratory Therapist	75,300 PGK
Chiropractor	55,200 PGK	Skin Care Specialist	72,700 PGK
Clinical Psychologist	145,000 PGK	Urologist	160,000 PGK
Correctional Treatment Specialist	87,700 PGK	Vision Rehabilitation Therapist	78,500 PGK
Counseling Psychologist	111,000 PGK		
Dermatologist	137,000 PGK		
Dietitian	91,200 PGK		
Doctor	125,000 PGK		
Emergency Department Physician	103,000 PGK		
Exercise Physiologist	116,000 PGK		
Forensic Pathologist	129,000 PGK		
General Medical Practitioner	97,500 PGK		
Genetic Counselor	74,700 PGK		
Internist	144,000 PGK		
Interventionist	148,000 PGK		
Invasive Cardiologist	192,000 PGK		
Mental Health Therapist	82,200 PGK		
Naturopathic Physician	148,000 PGK		
Neurologist	143,000 PGK		
Neurophysiology Technologist	40,300 PGK		
Nuclear Medicine Physician	130,000 PGK		
Obstetrician / Gynecologist	135,000 PGK		
Occupational Health Safety Specialist	64,100 PGK		
Ophthalmologist	97,700 PGK		
Optometrist	98,100 PGK		
Pediatrician	115,000 PGK		
Physical Therapist	76,900 PGK		
Physical Therapy Director	85,900 PGK		
Physician - Anesthesiology	172,000 PGK		
Physician - Cardiology	178,000 PGK		
Physician - CCU	97,700 PGK		
Physician - Dermatology	148,000 PGK		
Physician - Emergency Room	107,000 PGK		
Physician - Endocrinology	133,000 PGK		
Physician - Family Practice	98,900 PGK		
Physician - Gastroenterology	130,000 PGK		
Physician - Generalist	101,000 PGK		
Physician - Geriatrics	93,100 PGK		
Physician - Hematology / Oncology	126,000 PGK		
Physician - Immunology / Allergy	149,000 PGK		
Physician - Infectious Disease	124,000 PGK		
Physician - Internal Medicine	146,000 PGK		
Physician - Maternal / Fetal Medicine	125,000 PGK		
Physician - Nephrology	148,000 PGK		
Physician - Neurology	144,000 PGK		
Physician - Nuclear Medicine	131,000 PGK		
Physician - Obstetrics / Gynecology	134,000 PGK		
Physician - Occupational Medicine	100,000 PGK		
Physician - Ophthalmology	91,200 PGK		
Physician - Otolaryngology	91,600 PGK		
Physician - Pain Medicine	82,800 PGK		
Physician - Pathology	102,000 PGK		
Physician - Pediatric Cardiology	135,000 PGK		
Physician - Pediatric Neonatology	125,000 PGK		
Physician - Pediatrics	109,000 PGK		
Physician - Physiatry	127,000 PGK		
Physician - Podiatry	113,000 PGK		
Physician - Pulmonary Medicine	86,600 PGK		
Physician - Radiation Therapy	152,000 PGK		
Physician - Radiology	147,000 PGK		
Physician - Rheumatology	126,000 PGK		
Physician - Sports Medicine	133,000 PGK		
Physician - Urology	167,000 PGK		
Physician Assistant	75,700 PGK		
Physiotherapist	90,300 PGK		
Podiatrist	90,500 PGK		
Preventive Medicine Physician	117,000 PGK		
Psychiatrist	122,000 PGK		



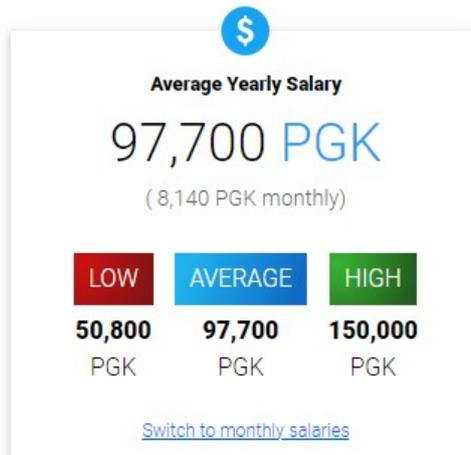
Dentist



Dentist average salary change by experience in Papua New Guinea

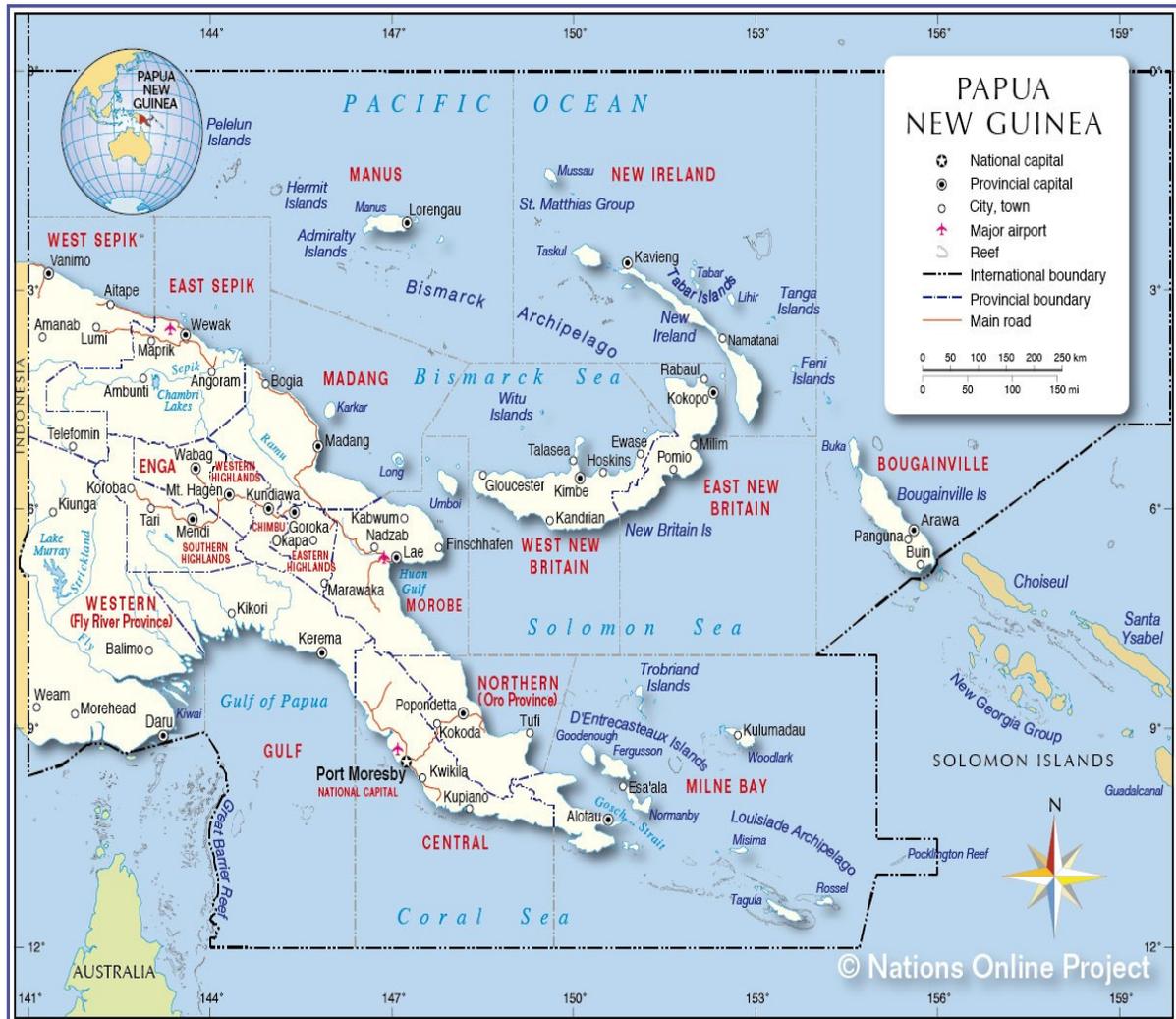


Ophthalmologist



Ophthalmologist average salary change by experience in Papua New Guinea





PNG has one of the most unusual land law systems in the world. Upon attaining independence in 1975, virtually all land in PNG was placed under customary ownership. It is estimated that some 97% of land in Papua New Guinea remains customary land.

Is it necessary to pay compensation?

Individuals who provide land for a public good are compensated because they have given up a possibly valuable asset for the benefit of the community. However, if it is a community that owns the land, as is the case with a customary landowning group, and if the land is acquired to provide a good that will benefit everyone in that community, some leaders in Papua New Guinea argue that compensation should not be paid. Some provincial governments have agreed with their constituents that compensation will not be paid in this circumstance. This approach to providing public land appears to be similar to the situation in Vanuatu.

Consider leasing land for public purposes.

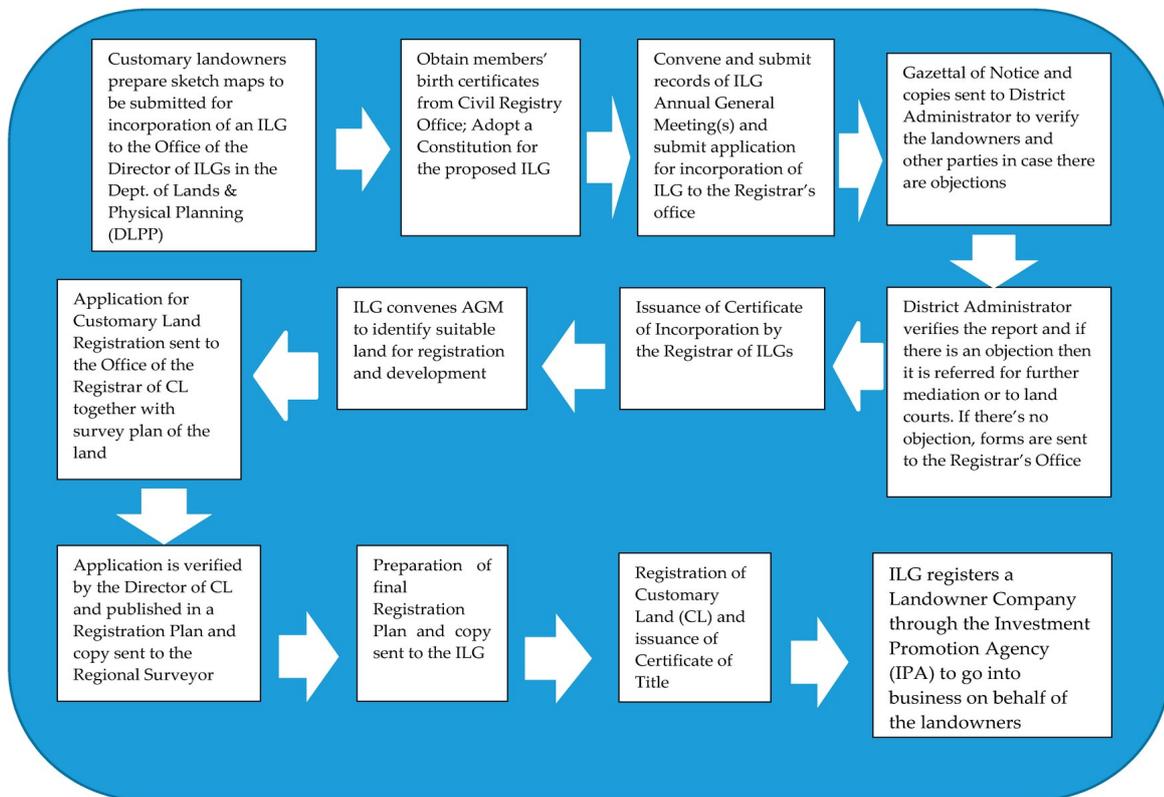
Some of the tensions surrounding the use of customary land for public purposes might be reduced if land were leased from owners rather than acquired outright through alienation. This would ensure that future generations also receive benefits, similar to those enjoyed in other lease arrangements between private users of customary land (for example, lease and lease back). If land were leased rather than acquired by the state, rents would need to be adjusted regularly relative to some measure such as the consumer price index, to ensure that the real value of the rental payment was maintained.

There is no simple way to balance the rights of customary owners with the interests of the wider community when land is acquired for public purposes. The only way to do it successfully is to ensure that the landowners receive 'fair and just' compensation based on a properly assessed value of their land at the time of acquisition or adjudication. A number of laws and agencies exist to handle this. These laws and the offices set up to administer them have demonstrated that they can work. An ongoing adjustable rent based on inflation or the unimproved capital value of the land may be a better way to ensure that owners and their descendants are fairly recompensed over time than outright acquisition.

In Fiji land can be returned to customary ownership if the public purpose lapses. This option, if incorporated into the system of land acquisition in Papua New Guinea, might help in some cases to address intergenerational issues if landowners knew that the land would be returned to them at some time in the future.

Incorporated Land Group (ILG) refers to an organized customary group legally given recognition to their corporate nature under the ILG Act. It is a legal mechanism whereby customary groups are empowered to do business, hold, dispose, manage and deal with land in their customary name.

The **ILG** is a legal entity empowered by legislation passed in 1974 to give legal and formal recognition, protection and powers to customary landowning groups in PNG.



1 Hectare

10,000 square metres
 Residential home lots 20 metres x 20 metres may be a home site
 however: without services.
 1 acre typically yields 4 home sites
 1 hectare typically yields 10 home sites

Road frontage small home site	PGK 100,000				Inflation	
Without road frontage small home site	PGK 50,000 being AUD	\$20,000	Holding and selling costs	10%	Discount Factor 8.00%	Cash Flow received
Typically yield	Home sites sales	Lot Gross		Net	\$18,000	
year 0		-	-	-	16,560	-
year 1	0	-	-	-	15,235	\$15,235
year 2	1	\$20,000	\$2,000	\$18,000	14,016	-
year 3	0	-	-	-	12,895	12,895
year 4	1	20,000	2,000	18,000	11,863	-
year 5	0	-	-	-	10,914	10,914
year 6	1	20,000	2,000	18,000	10,041	-
year 7	0	-	-	-	9,238	9,238
year 8	1	20,000	2,000	18,000	8,499	-
year 9	0	-	-	-	7,819	7,819
year 10	1	20,000	2,000	18,000	7,193	-
year 11	0	-	-	-	6,618	6,618
year 12	1	20,000	2,000	18,000	6,089	-
year 13	0	-	-	-	5,601	5,601
year 14	1	20,000	2,000	18,000	5,153	-
year 15	0	-	-	-	4,741	4,741
year 16	1	20,000	2,000	18,000	4,362	-
year 17	0	-	-	-	4,013	4,013
year 18	1	20,000	2,000	18,000	3,692	-
year 19	0	-	-	-	3,396	3,396
year 20	1	20,000	2,000	18,000		
Total sales	10	\$200,000		\$180,000		\$80,471

PRESENT DAY VALUE per HECTARE LESS Profit and Risk Factor 40.00% reduction leaving **\$48,283**

Land required maximum 3,000 hectares possible maximum land site acquisition in developed area **\$144,848,665**

OVERALL SITE lost to river encroachment, unworkable terrain, and public parks and gardens 30% per hectare **\$33,798**

SITE AMALGAMATION BUDGET Budget value per hectare **\$33,000 AUD** appropriate when **\$100,000,000**
 being **PGK 84,150** per hectare roads, airport, power, etc., are available.
for site amalgamation in remoter areas: Budget value per hectare **\$16,500 AUD**
 50% being **PGK 42,075** per hectare **Remote Area Budget** **\$50,000,000**
 (Tari / Dauli)

Housing lots are sold without sewerage, water, electricity, telephone services and often without road frontage.
 Housing lots are often as small as 20 metres by 20 metres but most have vegetable garden areas.

Landowner clans involved 32 these clans with their subclans collectively own the site to be amalgamated.
 Yaluma clan (dad) involves 1 clan being 13 sub-clans Mr Rait has interest in 20 hectares
 Page clan (mum) involves 1 clan being 9 sub-clans

Customary ownership is converted to freehold title through this process of transfer to a single ownership by PNG nationals.

PAPUA NEW GUINEA LAND OWNERSHIP

https://www.dfat.gov.au/sites/default/files/MLW_VolumeTwo_CaseStudy_12.pdf

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SETTLEMENT PAYMENTS IN PAPUA NEW GUINEA – Are they Just or Unjust?

<https://core.ac.uk/download/pdf/46582738.pdf>

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Settlement payments are statutorily fixed payments provided under the National Land Registration (Amendment) Act 2006 (The Amendment Act). The National Lands Commission (NLC), the body established to award settlement payments, administers this process and awards payments to customary landowners, once a parcel of land that had been formerly acquired is declared National land. Since the enactment of the NLRA the State has not settled all outstanding claims. Approximately 3% of all land in PNG is State land and 97% is under customary ownership. Furthermore, the majority of State services and infrastructure development in PNG are provided on State land, such as schools, hospitals, government administration buildings, and other infrastructure services. What is disappointing however, is that customary landowners are aggrieved by the inadequate payments made for the purchase of their customary land which provides for some of these services and infrastructure. Services that they themselves benefit from and quite often threaten to shut down these services or in some cases prevent people from using the subject services until their claims are addressed.

Hon Bryan Jared Kramer, MP
Madang

Minister for Justice

b.kramer@madangopenmp.gov.pg

Land required for long term community projects may best be served through land leases through the administration of the Papua New Guinea government. Where lease agreements are in place then the term of the lease would be for the number of years left to run of the maximum term of 99 years that a lease can be established.

Thus, land required would best be arranged through land leases via the Papua New Guineas government, though some land is available freehold.

The importance of land and land rights in the economic development process is paramount. Individual and secure land tenure rights are vital components of a productive agricultural sector, which is crucial to poverty alleviation and economic growth. In most instances, secure land tenure requires that legal rights to land are adequately defined and documented. Defining and documenting landowners' legal rights and the extent of the landholding are important for simplifying land transactions, using land as collateral for credit, and enabling land administration. This opens discussion on land registration systems from the perspective of a developing country's government. The titles system covers countries in transition from a state or centrally planned economy to an open market economy. Further, this considers the relative importance of land registration and asks when a formal land registration system should be established, what type of land registration system is preferable, and how to establish and maintain the system.

A sound system of land registration is underpinned by three principles:

- the insurance principle;
- the curtain principle, and;
- the mirror principle.

What Are the Basic Requirements for Registration?

- Original of the deed / instrument. ...
- Certified copy of the latest Tax Declaration of the property.
- If titled property, owner's copy of the certificate of title, and all issued co-owner's copy, if any.

For the majority of the world's poor, secure property rights are a rare luxury. Only 30% of the world's population has a legally registered title to their land. Secure land rights are important for reducing poverty and boosting shared prosperity at the country, community, and family levels. Land rights are fundamental to stimulating investment and growth, particularly in agriculture and infrastructure; for supporting countries and their people in building resilience by preventing land-takings and mitigating forced migration.

A cadastral map has four main purposes:

Provides a cartographic record of official and sometimes private land surveys and subdivisions. Facilitates the administration and transfer of land ownership. Records land ownership. Assists in the valuation and taxation of land.

A large-scale cadastral map may show the boundaries of subdivisions of land, usually with the directions and lengths thereof and the areas of individual tracts, compiled for the purpose of describing and recording ownership. It may also show culture, drainage, and other features relating to use of the land.

The PAPUA NEW GUINEA LAND TITLES SYSTEM opportunity:

By taking into consideration satellite imaging and data, low level ground penetrating aerial surveys, on the ground investigation involving drones, local people's personal experience with the land and all other data generally, PNG land records can now become world leadership in title records and systems. Data with specific land locations may capture:

- property rights and ownership
- precise boundary records
- topographical modelling
- soil types
- soil use and agricultural application and potential
- water features within the site as well as its proximity
- flood potential and history of prior water inundation events
- drainage and run off data - rates off roofs verses vegetation
- mines in the area - working and not working
- mineral layers down to, say, 600 feet, then potentially to depths of thousands of feet.
- geothermal activity and potential to harness energy
- earthquake history and potential future events
- constraints to development
- utilities coordination - poles being numbered and positioned through this mapping process
- culture of peoples in area - languages in use
- cadastral maps to reveal layers of data of the subject land
- road systems relevant to the titled land to be accessible
- history of the land ownership to be recorded during the assembling of this data base
- property rights and ownership now to be protected
- the central mapping authority to be administered under national Land Titles System Act as appropriate.

Consequently, data can then be immediately accessed and title dealings executed within hours instead of presently years.

The national management of whole of country resources can then be constructively and prudently managed for future generations.

PAPUA NEW GUINEA LAND TITLES SYSTEM budget to implement:

USD 2.5 billion

This national agenda will necessarily involve all of the population and the development of the data base thousand of nationals.

PNG DEVELOPMENT LAND REQUIRED

PGK 2.55

Hectares Required:	Hectares
University	200
TAFE College	100
Hospital	10
Nursing Training College	25
High School	50
Primary School Extension	15
Dauli Demonstration School Extensions	15
Dauli Teachers' College Extensions	20
Future Real Estate	30
Various Retail	25
Warehouse / Light Industrial	50
Airport	300
Police Station	7
Fire Station	5
Sewage Treatment	2
Water Treatment	10
Motel	10
Hotel	20
Corrections Facility	30
Total:	924 hectares

Housing Land Area

Hectare to accommodate

Rural setting	garden section attached	1	10 homes
Urban setting	minor gardens	1	20 or more homes

Budget Cost For a Home:

High Set

USD 1 to AUD \$1.40

Manufactured by Loyal Bloom - China

Kit Homes

2 Bedroom, LAE, A2,	108.26 sq metres	USD 91,000	AUD 127,400
Construction Costs:		USD 20,000	AUD 28,000
3 Bedroom, Rabaul, A1,	126 sq metres	USD 95,000	AUD 133,000
Construction Costs:		USD 25,000	AUD 35,000
4 Bedroom, Kokopo, 130,	144 sq metres	USD 133,000	AUD 186,200
Construction Costs:		USD 30,000	AUD 42,000
5 Bedroom, Kavieng, CC2,	188 sq metres	USD 170,000	AUD 238,000
Construction Costs:		USD 35,000	AUD 49,000

required to be **added** to budget:

Consider installation of	Installed without land	land, services + furniture		
2 Bedrooms	1 \$155,400		250	\$38,850,000
3 Bedrooms	1 \$168,000		3,000	\$504,000,000
4 Bedrooms	1 \$228,200		750	\$171,150,000
5 Bedrooms	1 \$287,000		500	\$143,500,000

HOUSING ACCOMMODATION

Per Annum Budget

each yr:

\$150,000,000

What is the student population of Dauli Demonstration School? – 1,000 currently.

What are the intentions for Dauli Demonstration School:

- Expansion from 1,000 to 2,500 children
- Further acquisition for land for classrooms
- Specialised labs
- Teachers accommodation

Budget Required:

\$20,000,000

What is the Student Population of Dauli Teachers College – 400 currently.

What are the intentions for Dauli Teachers College:

- Expansion of Primary School Teachers from 400 to 1,000, after 5 years – 1,500
- Further acquisition for land for classrooms
- Teachers accommodation
- Training program requirements for High School Teachers
- Specialised Buildings for High School Education
- Establishment of 250 High School Teachers, after 5 years – 500

Budget Required – Dauli Teachers College

rebuild and expand

\$40,000,000

Budget Required – Primary School

\$35,000,000

Budget Required – High School

year

\$40,000,000

\$135,000,000 therefore:

TARI / DAULI PROGRAM

3

\$45,000,000

Journey for Humanity

	993,500 years ago – Andon and <u>Fonta</u> – <u>Andonites</u>
	500,000 years ago – <u>Sangik Family</u> – 6 colours – <u>upliftment of humanity</u>
	500,000 years ago – <u>Caligastia</u> with <u>Daligastia</u> and their staff on Earth, the <u>Nodites</u>
	200,000 years ago – Lucifer – Rebellion imposed, Earth's humanity capitulates
	38,000 years ago – Adam and Eve – the <u>Adamites</u> – Defaults on their <u>upliftment mission</u>
	2,000 years ago – the era Mary and Jesus begins – first steps to end Rebellion
	NOW! – Rebellion and Default ends, hand over to the <u>Avonal Pair</u>
	Next 1,000 year – the <u>Avonal Age of Peace</u> and the healing of Rebellion and Default
	Possible further Material Pair to complete the Adam and Eve <u>upliftment of humanity</u>
	<u>All of humanity</u> healed of Rebellion and Default – Hells are closed
	Humanity embraces all other humanities throughout our system of <u>Satania</u>
	Then we embraces all humanities throughout our constellation of <u>Norlatiadek</u>
	Then all of our Local Universe of <u>Nebadon</u> before departing Mary and Jesus' domain
	Then all of our super-universe of <u>Orvonton</u> is embraced as we each progress to <u>Havona</u>
	Then all seven super-universe are embraced and understood as we arrive in <u>Havona</u>
	We become <u>Finaliters</u> as we progress through <u>Havona</u> into Paradise – Home!
	Paradise is the stationary home of our Heavenly Mother and Father
	As <u>Finaliters</u> we may take on assignments back within <u>Nebadon</u> or any of the super-universes
	<u>We</u> from Earth (<u>Urantia</u>) have unique capabilities – we have perfected 'wrongness'!
	We of Earth know how to live in Rebellion and Default, no other humanity has done this
	We of Earth, now as <u>Finaliters</u> will be essential in managing wayward humanities yet to emerge on the now forming 70,000 super-universes outside of the existing 7 super-universe!
	Our time on Earth, as difficult as it may be for each of us, has made us, you and me, very, very special and we will forever and always be thankful for having lived in Hell, which Earth is!

www.pascashealth.com

then Library Download page

scroll down to Medical Education and click on:

[Pascas Park Journey for Humanity Museum.pdf](#)

JOURNEY for HUMANITY

consturction operate

2026

2027

2028

2029

2030

200,000,000 200,000,000 200,000,000 25,000,000 25,000,000

	DOCTORS		NURSES & MIDWIVES		TEACHER / STUDENT	
Doctors per 1,000 people:	per 1,000 people		per 1,000 people		ratio	
Papua New Guinea	2019	0.1	2019	0.5	2016	36
Australia	2018	3.8	2019	13.2	1999	18
New Zealand	2018	3.4	2018	11.1	2017	15
Singapore	2016	2.3	2017	6.2	2017	15
Fiji	2019	0.9	2019	4.0	2012	28
India	2019	0.9	2014	2.4	2017	33
Indonesia	2019	0.5	2019	3.8	2018	17
Nauru	2015	1.3	2018	7.9	2016	40
New Caledonia	1999	2.0			1991	20
Solomon Islands	2016	0.2	2018	2.2	2018	25
Timor-Leste	2019	0.8	2019	1.8	2018	27
Tonga	2013	0.5	2019	4.3	2015	22
Vanuatu	2016	0.2	2019	1.4	2015	27

Papua New Guinea

Papua New Guinea suffers from a critical shortage of human resources for health. Most recent estimates of health worker duties reflect 0.5 physicians per 10,000 population and 5.3 nurses per 10,000 population (WHO, 2008). Health services in Papua New Guinea are primarily funded by the federal government.

The health workforce is characterised by:

- an aging workforce
- low numbers of critical cadres, such as midwives and community health workers
- a de-motivated workforce due to poor working conditions including low wages and poor physical infrastructure
- insufficient training capacity to produce the number of health workers to meet population needs
- maldistribution of specialist clinical and technical skills, where 30% of skilled health professionals occupy administrative and management positions.

Physicians (per 1,000 people) in Papua New Guinea was reported at 0.0661 in 2019.

That is ONE doctor per 18,000 people

Scarcity of Doctors and Nurses:

For a population of more than nine million, Papua New Guinea has [approximately 500 doctors](#) and 4,000 nurses. The country has 0.1 physicians per 1,000 people, compared to the world average of 1.566 physicians per 1,000 people. The quality of the small healthcare force is further hindered by poor working conditions, low wages and inadequate infrastructure. These limiting factors, combined with an inefficient training capacity, reduce the scarce healthcare workers' performance in Papua New Guinea.

Even before the coronavirus Covid-19 (2019-2022), the fragile health system in Papua New Guinea (PNG) was underfunded and overwhelmed, with high rates of malaria, tuberculosis, and diabetes among its population of more than nine million. Access to hospitals is extremely limited, with 80% of the population living outside urban centres. Prime Minister James Marape has acknowledged the country has only 500 doctors, less than 4,000 nurses, and around 5,000 beds in hospitals and health centres.

TARI in HELA PROVINCE

10-Apr-18

The PNG military is flying in its own doctors and medical personnel to help out at Tari Hospital in Hela after an exodus of staff amid ongoing tribal violence.

There are unconfirmed reports eight people have died in the fighting which has also hampered relief efforts after a massive 7.5 magnitude quake in February which killed at least 125 people.

Compounding problems are the continuing aftershocks, the latest a 6.3 magnitude quake which struck Tari, the provincial capital, on Saturday, killing four people and destroying more buildings.

19-Oct-10

Reports from Papua New Guinea say there is no doctor left at the Tari district hospital in the Southern Highlands province. The hospital serves more than 300,000 people in the Hela region and has no doctor to attend to their medical and health problems.

The acting chief executive officer, Dr Bravy Koensong, reportedly left in June after threats by locals who alleged that he had mismanaged the hospital's affairs.

Nurses say that they sometimes play the part of qualified doctors to deal with common tropical sicknesses and other medical problems. But they say without a doctor to manage the affairs of the hospital, nearly half of the 46 nursing staff have walked off from their duties and are roaming around the streets of Port Moresby, Mendi, Mt Hagen and other main centres while on full pay.

How many teachers are there in Papua New Guinea?

The number of teachers in the country will increase to **more than 53,000** this year with the inclusion of graduates from teachers colleges, according to the Teaching Services Commission. 24 Jan 2016

In Papua New Guinea (PNG), primary **school** attendance is at 63.4 percent for boys and 56.5 percent for girls. Early childhood education is foundational for children's learning, but there is little to no access to this. ... Limited classroom resources and a lack of trained teachers mean education quality remains low.

Papua New Guinea

ranking	World Rank ▲	University	Det.	Impact Rank*	Openness Rank*	Excellence Rank*
1	5556	Papua New Guinea University of Technology	19	10800	7420	4736
2	5658	University of Papua New Guinea	19	9613	7420	5112
3	7463	Divine Word University	19	10749	7420	6132
4	12959	Pacific Adventist University	19	14994	7420	6775
5	13831	University of Goroka	19	21597	7420	6132
6	23053	Papua New Guinea University of Natural Resources and Environment (University of Vudal)	19	22698	7420	7190

Adult literacy rate > Total	59.6	2008 94th out of 110
Average years of schooling of adults	2.9	2000 82nd out of 100
Children out of school, primary	243,514	1989 21st out of 65
Children out of school, primary per 1000	60.02	1989 13th out of 65
Children out of school, primary, female	136,022	1989 16th out of 50
Children out of school, primary, female per 1000	33.52	1989 12th out of 50
College and university > Gender parity index	0.573	1999 95th out of 131
Government spending on education > Proportion of GDP	7.39%	1977 1st out of 51
Literacy > Female	59.30%	2003 124th out of 157
Literacy > Total population	66%	2003 129th out of 161
Primary education, duration > Years	6	2012 94th out of 200
Primary education, teachers per 1000	2.38	2006 124th out of 133
Pupil-teacher ratio, primary	35.82	2006 32nd out of 133
Pupil-teacher ratio, secondary	22.25	1998 14th out of 56
Secondary education, duration > Years	6	2012 128th out of 197

Papua New Guinea Literacy rates

Aged 15-24	66.70%	2000 30th out of 35
Aged 15-24 > Men	69.10%	2000 32nd out of 35
Aged 15-24 > Women	64.10%	2000 29th out of 35

Papua New Guinea Child care (preschool) Stats

Duration	1	2012 199th out of 204
Starting age	6	2012 2nd out of 204
Students per teacher	35.27	2002 3rd out of 125

Papua New Guinea School enrolment rate Stats

1st grade	30.91	2006 138th out of 138
1st grade > Female	28.64	2006 137th out of 137
1st grade > Male	33.05	2006 137th out of 137
5th grade	57.69	1995 40th out of 55
5th grade > Female	56.04	1995 32nd out of 47
5th grade > Male	59.09	1995 32nd out of 47

PROTECTING PNG'S TEACHERS

A major educational reform is under way in Papua New Guinea involving a major re-structure of the schooling system and new requirements for PNG's elementary and primary teachers. In 2021, the new 3-6-6 structure of schooling officially came into effect. This means that the new structure is made up of Early Childhood education (3 years), Primary education (6 years) and Secondary education (6 years). All of PNG's teachers - existing and new - are required to hold minimum Grade 12 schooling certificates as well as a minimum GPA of 2.4. This new policy has been applied in retrospect to all teachers resulting in the need for tens of thousands of teachers to re-train and up-skill.

When this was introduced, teachers had no pathway available for re-accreditation.

Papua New Guinea is a country of 850 languages, the most linguistically diverse on the planet.

A 'one-size-fits-all' approach is not always best in PNG, particularly for education. Although official languages are used in schools – English, Hiri Motu and Tok Pisin (Pidgin English) – cultural and linguistic differences mean learning is best tailored to local cultural and linguistic nuances.

DD-CODE

The Digital Dictionary Code (DD-CODE™) is a program to teach reading and speaking skills to students of all ages and ability levels and regardless of mother tongue. DD-CODE™ translates the international phonetic symbols into a coloured letter and number code format which is universal for the visualisation of syllables and the sound to letter associations required for written English. The DD-Code can be applied to ANY language.

The product imparts adult-learned reading ability, which is normally learned over many years, to very young children.

The DD-CODE is the only discovery, which can and is eliminating illiteracy all over the world, virtually overnight.

The DD-CODE (Digital Dictionary) is a 1 to 1, sound to letter correspondence without any exception to the rule.

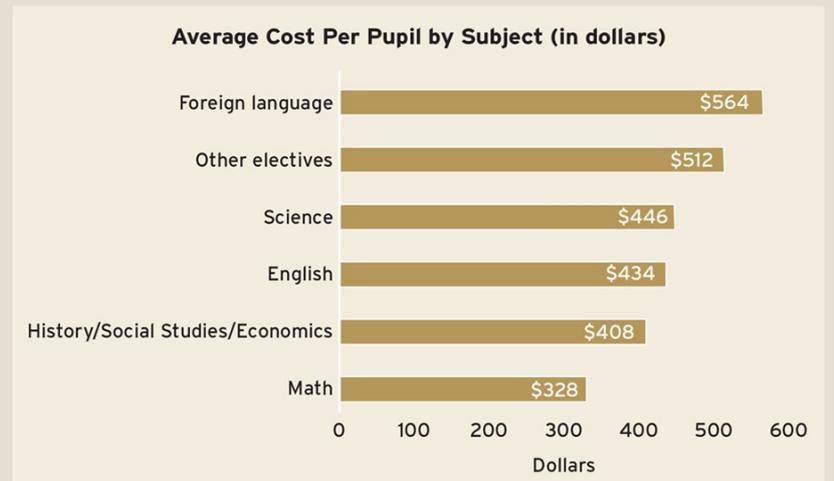
1. Training of educators to enable them to teach the reading writing of English takes ONE WEEK.
2. To enable ANYONE to read and write English fluently takes TWO weeks of full time education (5 hours a day for two weeks).

UNIVERSAL SOUND TO LETTER CODE
The Digital Dictionary Sound to Letter Code is UNINERSAL
for the 2 Million Words of Written and Spoken ENGLISH.

1. **VOWELS COLOURED RED & CODED 1- 22 for SOUND.**
2. **BLACK CONSONANTS SOUNDED PHONETICALLY.**
(DIGRAPHS: ch/tʃ, sh/ʃ, thin/θ, that/ð & treasure: 3)
3. **CONSONANTS COLOURED BLUE 'SOUND-SWITCH'**
to PHONETIC LETTER ABOVE.
4. **YELLOW LETTERS** and **LETTER-e ENDINGS** are not
SOUNDED at all.

Cost by Subject (Figure 1)

In one small western district, math courses per student cost only 75 percent as much as English courses and about 60 percent as much as courses in foreign languages.



SOURCE: Author data from District 1

Cost Factors (Figure 2)

Teacher salary differences were more important than differences in class size in explaining the higher per-pupil costs of instruction in noncore courses in one midsize eastern district.



SOURCE: Author data from District 2

Cost by Course Level (Figure 3)

The midsize eastern district spends substantially more per pupil on advanced courses than on regular and remedial courses.



SOURCE: Author data from District 2

FACTS ABOUT THE STATE OF EDUCATION IN PAPUA NEW GUINEA

<https://borgenproject.org/education-in-papua-new-guinea/>

In 2012, Papua New Guinea's Prime Minister Peter O'Neill introduced the Tuition Fee-Free (TFF) policy aimed at eliminating tuition fees for elementary to grade 12. The policy which put into action the government's Universal Basic Education Plan 2010-2019, is PNG's fourth and longest-lasting attempt to provide free education in Papua New Guinea.

According to 2012 statistics, an estimated two million youths and adults, which accounts for about one-third of the population were out of school and unemployed. According to PNG's education minister, an estimated 10 percent of school-aged children do not even get a chance to enroll and 50 percent of those who do drop out of school before reaching the sixth grade. The country's net enrollment rate of 63 percent is the lowest in the Asia-Pacific region.

While PNG's Universal Primary Education started as a British Colonial policy, access to primary schools was expanded under the Australian administration. However, the policy favored only a select few students and those selected were males. It was not until 1981, six years after independence, that PNG started its TFF policy to attract more attention. The program was met with a lot of resistance from the newly formed provinces who considered it an act of the government taking over their newly granted authority.

After four failed attempts at providing free [education in Papua New Guinea](#), many believe that the policy is a part of the government's political agenda to get re-elected. The policy is aimed at pleasing parents and persuading the public that the policy is the solution to easing parent's burden in paying school fees. However, in a country, which ranks 136 out of 165 in corruption, it is not a surprise that huge amounts of funding meant for education went into the wrong hands resulting in ghost schools, ghost teachers and ghost management. Many schools are still forced to charge fees as the government fails to send its cheques on time.

Hasty and, in most cases, a complete lack of implementation has been considered some of the reasons for the policy's failure. Though government funding is mostly focused on fee elimination, it does little to eliminate the problem of classroom sizes. In many schools, students have been sent home due to lack of space. Infrastructure is another issue. Most schools have poor infrastructure with no plans in place for upgrading them to allow for more student intake.

However, all is not lost. UNICEF's education programs are providing the much-needed support to improve education in Papua New Guinea. In collaboration with the government, UNICEF is building a case for girl's education by reviving the Accelerating Girl's Education Steering Committee and working with schools to promote a healthy environment for students. UNICEF is also working with the Department of Education to ensure that Early Childhood Care and Development (ECCD) is appropriately addressed. UNICEF is partnering with various government departments to develop early childhood development indicators and curricula for pre-schools and Elementary teacher training colleges, a revision of ECCD Policy and ensure engagement with civil society partners.

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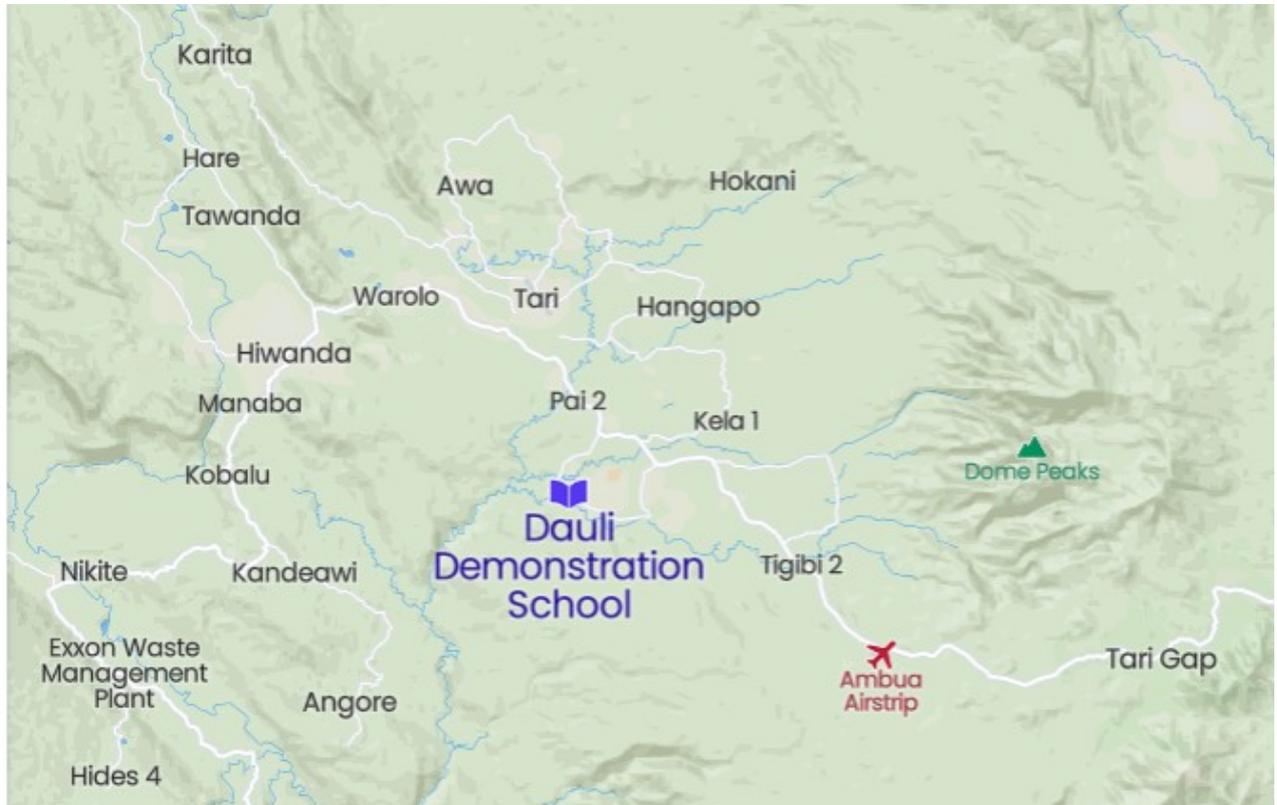
With Papua New Guinea currently in the midst of its election season (early 2022), it is now up to the people to elect a government that will provide access and quality education of which the country is in dire need.

– Jagriti Misra

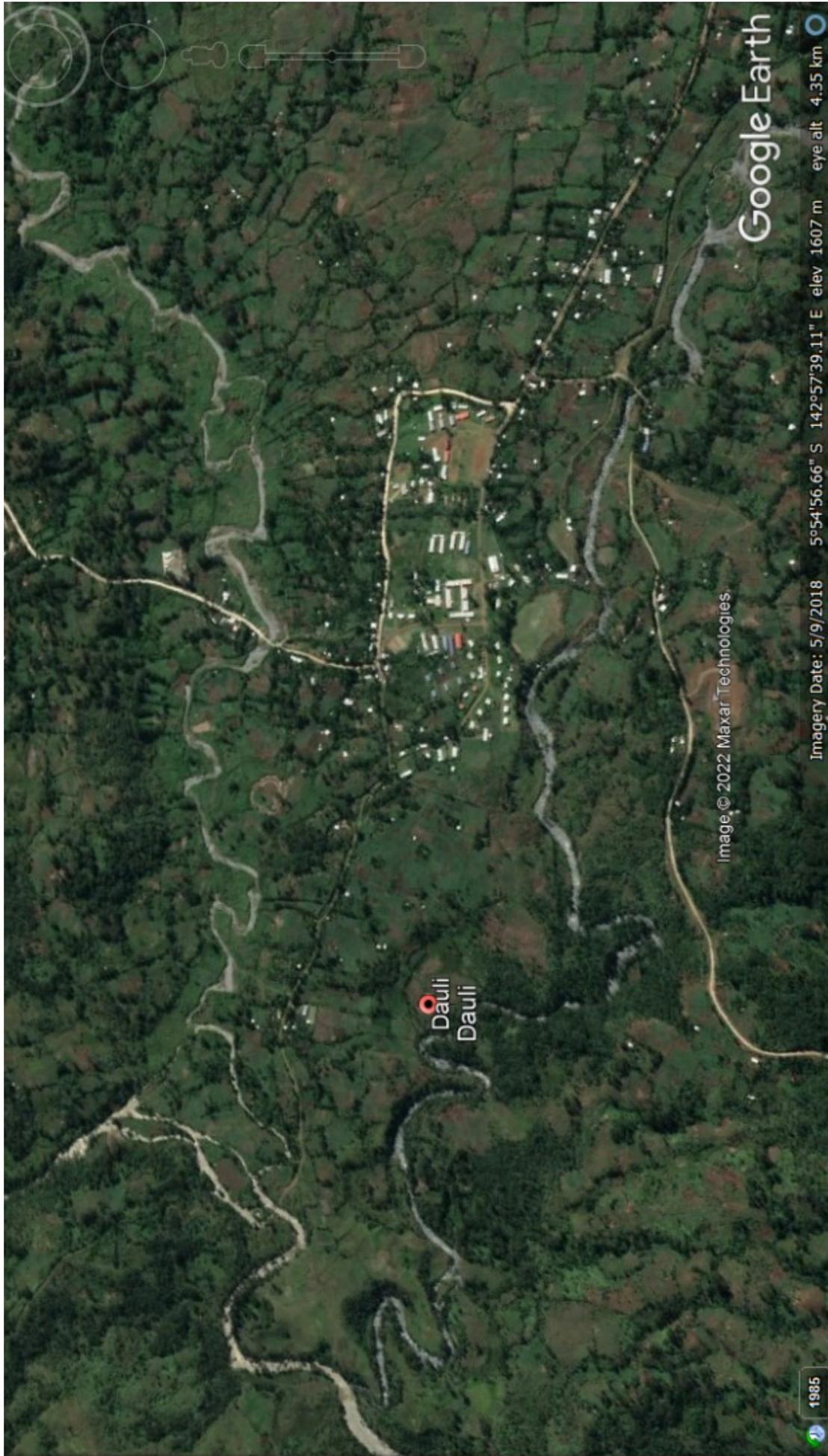


Dauli Teachers College School Fees

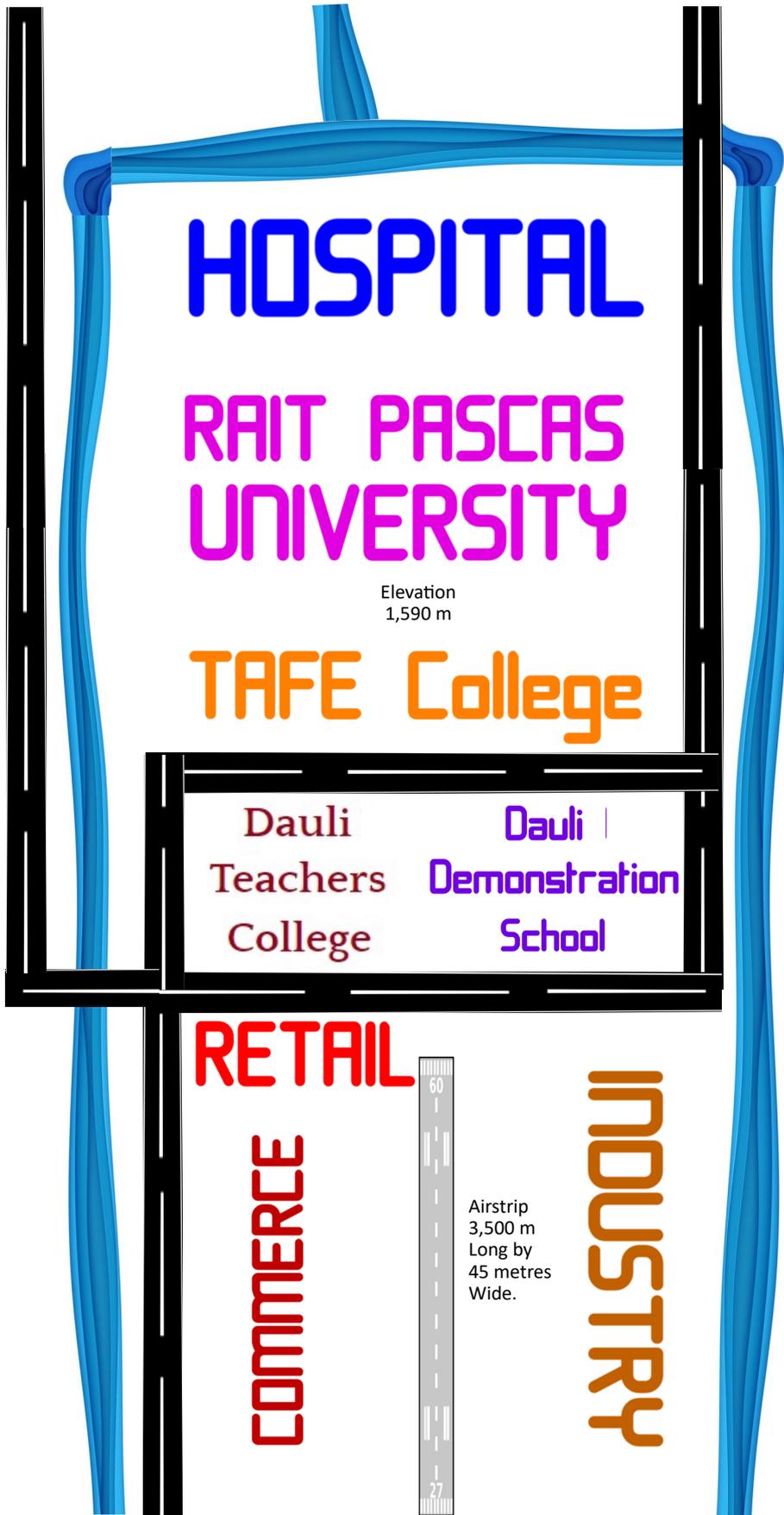
Boarding:	PGK6,000	AUD 2,400
Day :	PGK4,000	AUD 1,600



example site issues to be considered:



High Residential Area



Residential Residential



PASCAS UNIVERSITY



TAFE



Technical And Further Education

Graft Creations Family Shed

x^2 Year 10

Δ Year 11

\sqrt{y} Year 12

\leq Year 7

$\text{\textcircled{p}}$ Year 8

\approx Year 9

∞ Year 4

% Year 5

$\text{\textcircled{a}}$ Year 6

$\text{\textcircled{1}}$ Year 1

$\text{\textcircled{2}}$ Year 2

\pm Year 3



KINDERGARTEN

PRESCHOOL





Benchmark Land Area required:
University of Queensland (Brisbane)

114 hectares

Incorporating sporting fields

say

10 hectares

Main Building area

4 hectares to

20 hectares

1 mile² is

259 hectares

1 kilometre²

100 hectares

Urban university may be

3 hectares to

5 hectares

Rural university

10 hectares to

150 hectares

Agricultural university

1,000 hectares to

3,000 hectares

PASCAS UNIVERSITY

CAMPUS

15,000 to

20,000 students

consider individual campuses of

5,000 students each

feed in schools:

HIGH SCHOOLS

Yrs 7 - 12

campus

3,000 to

5,000

consider individual campuses of

600 students each

X² Year 10

△ Year 11

√y Year 12

≤ Year 7

✎ Year 8

≈ Year 9

PRIMARY SCHOOLS

Yrs K - 6

campus

2,000 to

4,000

consider individual campuses of

600 students each

∞ Year 4

% Year 5

🍎 Year 6

🔴 Year 1

👉 Year 2

± Year 3

KINDERGARTEN

PRE-SCHOOL

100 children each

PRESCHOOL

PASCAS UNIVERSITY

HIGHER EDUCATION SUBJECT GROUPINGS:



**ANIMALS AND
LAND**



**ARCHITECTURE,
BUILDING AND
CONSTRUCTION**



**ARTS,
HUMANITIES
AND LANGUAGES**



**CREATIVE ARTS,
DESIGN AND
MEDIA**



**ECONOMICS,
COMMERCE,
BUSINESS AND
MANAGEMENT**



**EDUCATION AND
TEACHING**



ENGINEERING



**HEALTH
SCIENCES
(ACADEMIC)**



**HEALTH
SCIENCES
(PROFESSIONAL)**



**HOSPITALITY,
TOURISM AND
EVENT
MANAGEMENT**



**INFORMATION
TECHNOLOGY
AND COMPUTER
SCIENCE**



**INTERNATIONAL
RELATIONS AND
DEVELOPMENT
STUDIES**



**LAW AND
CRIMINOLOGY**



**MARINE,
ENVIRONMENT
AND RENEWABLE
ENERGY**



MEDICINE



**MULTIMEDIA
MOVIES AND
MUSIC**



**NURSING,
MIDWIFERY AND
PARAMEDICINE**



PSYCHOLOGY



SCIENCE



**SOCIAL WORK
AND
COUNSELLING**



**SPORTS AND
EXERCISE
SCIENCE**

CHALDI TAFE COLLEGE

Technical and Further Education



Building and construction



Child care



Sports and fitness



Technology, information and networking



Nursing and health



Creative



Agriculture and horticulture



Automotive



Business, justice and management



Community services



Hospitality and cookery



Beauty and hairdressing



By location



Online courses

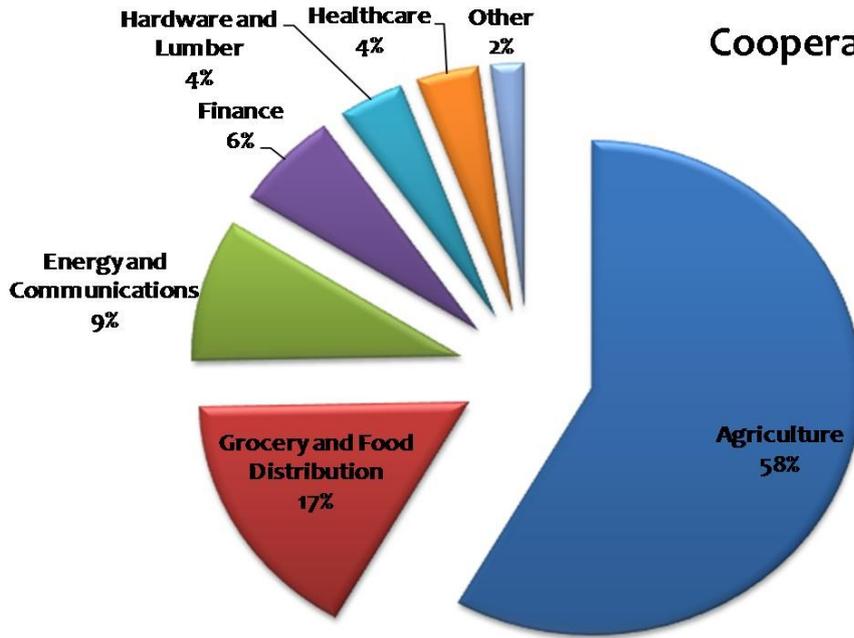


Apprenticeships



TAFE at School

Craft Creations



Cooperative Activity by Sector

TYPES OF #COOPS

Co-operatives are a unique species inside the contemporary economic environment and are present in almost all its sectors

1 CONSUMER CO-OPERATIVES

Are owned and controlled by consumers. Have a strong focus on satisfying their members needs and provide a sale service focus on product quality and consumer protection.



2 HOUSING CO-OPERATIVES

Derive from consumer #coops, are owned by their residents and want to make sure that their members get good value for money and live together peacefully.



3 SOCIAL CO-OPERATIVES

Manage health and education services or are focus on the reintegration through work of disabled, long-term unemployed, former addicts...



4 PRODUCERS CO-OPERATIVES

Widespread #coops whose activities belong to the primary sector, including farming, fishing, forestry. Their members also process and sell their agricultural products.



5 FINANCIAL CO-OPERATIVES

Their members are often the account holders and they provide investment and funds for socially sustainable initiatives to support families and small enterprises



6 MULTI-STAKEHOLDERS CO-OPERATIVES

'Hybrid' kind of co-operative whose members represent more than one typical co-op ownership group, such as producers, consumers or workers. EROSKI (MONDRAGÓN GROUP) | Spain



7 EUROPEAN COOPERATIVE SOCIETY

Is an optional legal form and aims to facilitate co-operatives' cross-border and trans-national activities. Their members can't be based in one country and is required to unite residents from more than one country.



★ CO-OPERATIVE ENTREPRENEURSHIP

manage the venture, take risk and make decisions to create a business in a participatory way to obtain mutual benefit that is distribute with equity among them.



top meatless protein sources





Cooperative arrangements within communities may be focused upon small area enterprises through to whole of nation endeavours to bring to the global markets high volumes of quality goods derived through value adding processes applied to natural resources and regional produce from the land, river and sea, encapsulating all elements of farming and animal produce.

Microfinance typically engages a cooperative of around five women when financing home enterprises. A cooperative is particularly useful when local fishermen bring their catches together at canneries for preparation to market their fish to foreign markets.

The introduction of 'Craft Creations' is to enliven the community's recognition of their high quality traditional skills and then enable their customary craftware to be globally marketed through a cooperative of their own making.

This is all about cooperatives to bring to the fore traditional and innate skills that fulfil needs for people around the globe, not just the local village. A cooperative may embrace several nations.

Natural resources that may be used in producing high quality goods in large volumes include:

- Forrest logs processed into high quality furniture in volume for large distribution chains.
- Timber offcuts for high strength laminated beams and reconstituted timber products.
- Local building systems utilising local resources for durable housing – local market solutions.
- Hydroponics particularly for produce that is not native to the area and its climate.
- Aquaculture in rivers, estuaries and sea to mitigate depletion of ocean resources.
- Traditional home produce being increased in volume to provide famine relief worldwide.
- Hemp production to be on scale to enable volumes sufficient for manufacturing processing.
- Cocoa, coffee, moringa, sandalwood, tea, vanilla, plus others, cropping to be of commercial scale, cooperatively run.
- All farming and animal produce come into the equation for cooperatives.

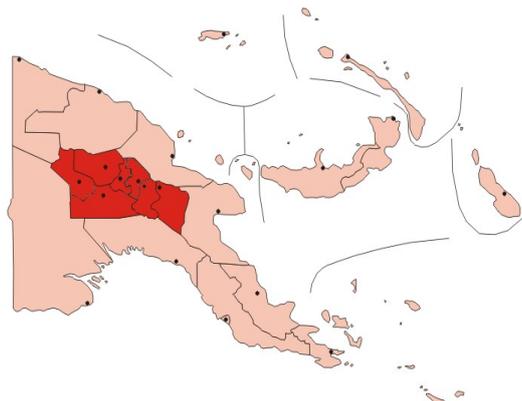
Funding availability per quarter AU \$40,000,000

Value adding Natural Resources!

The Highland Region is administratively divided into seven provinces:

- [Chimbu \(Simbu\)](#)
- [Eastern Highlands](#)
- [Enga](#)
- [Hela](#)
- [Jiwaka](#)
- [Southern Highlands](#)
- [Western Highlands](#)

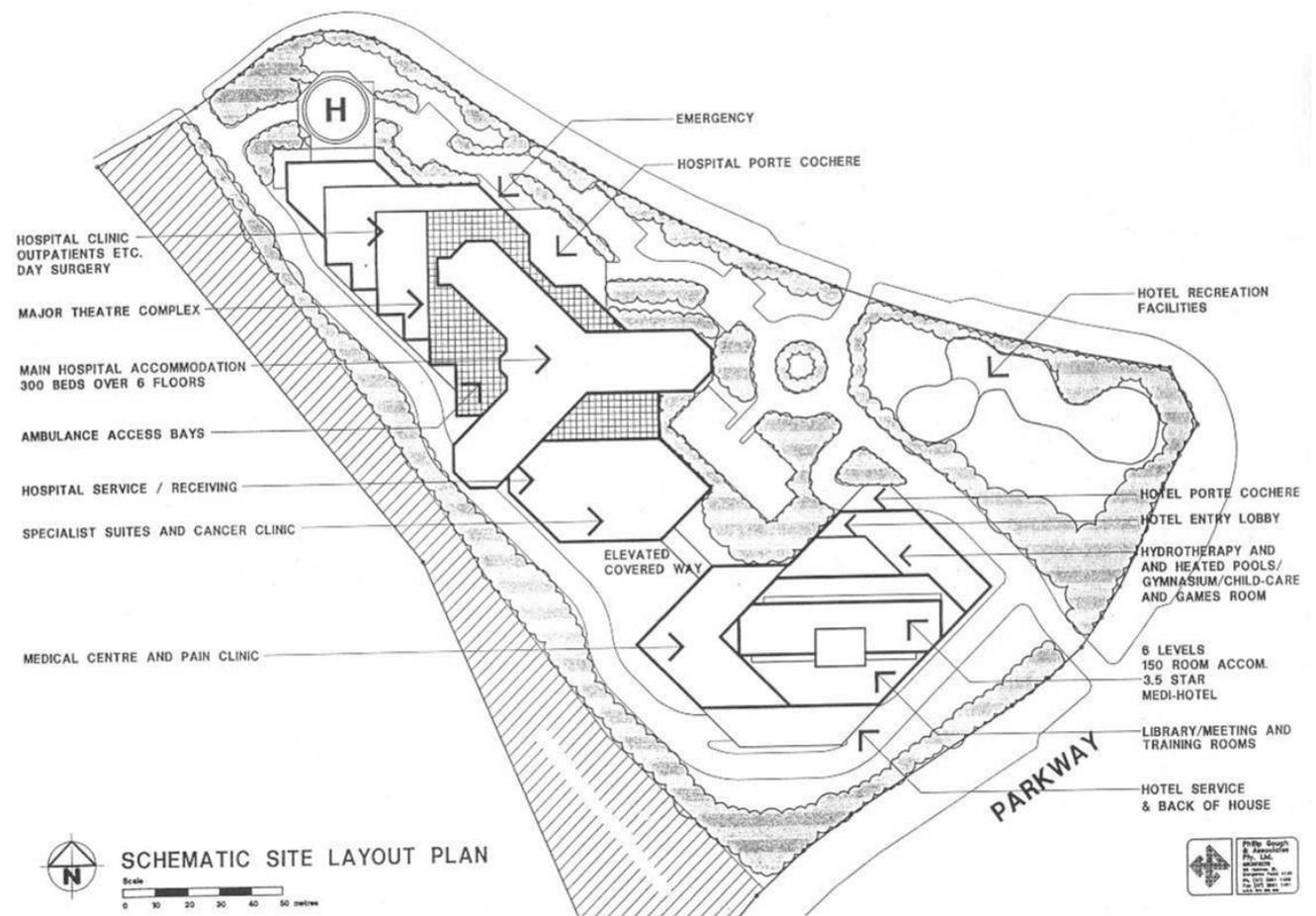
The Cooperative Enterprises in the highlands may be distinctly different to lowland projects. Highlands may be food basket orientated. Whereas lowlands forest products.

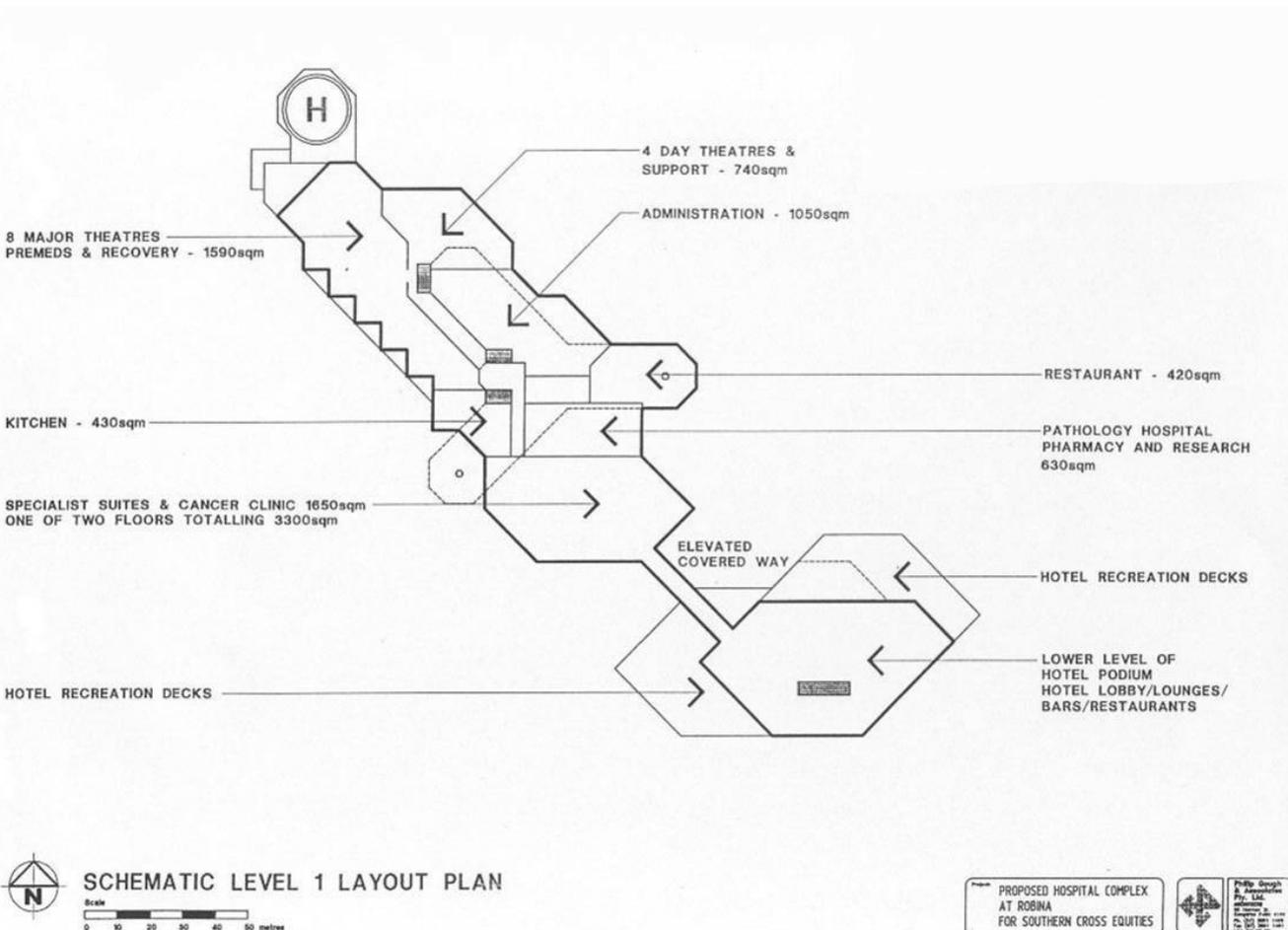
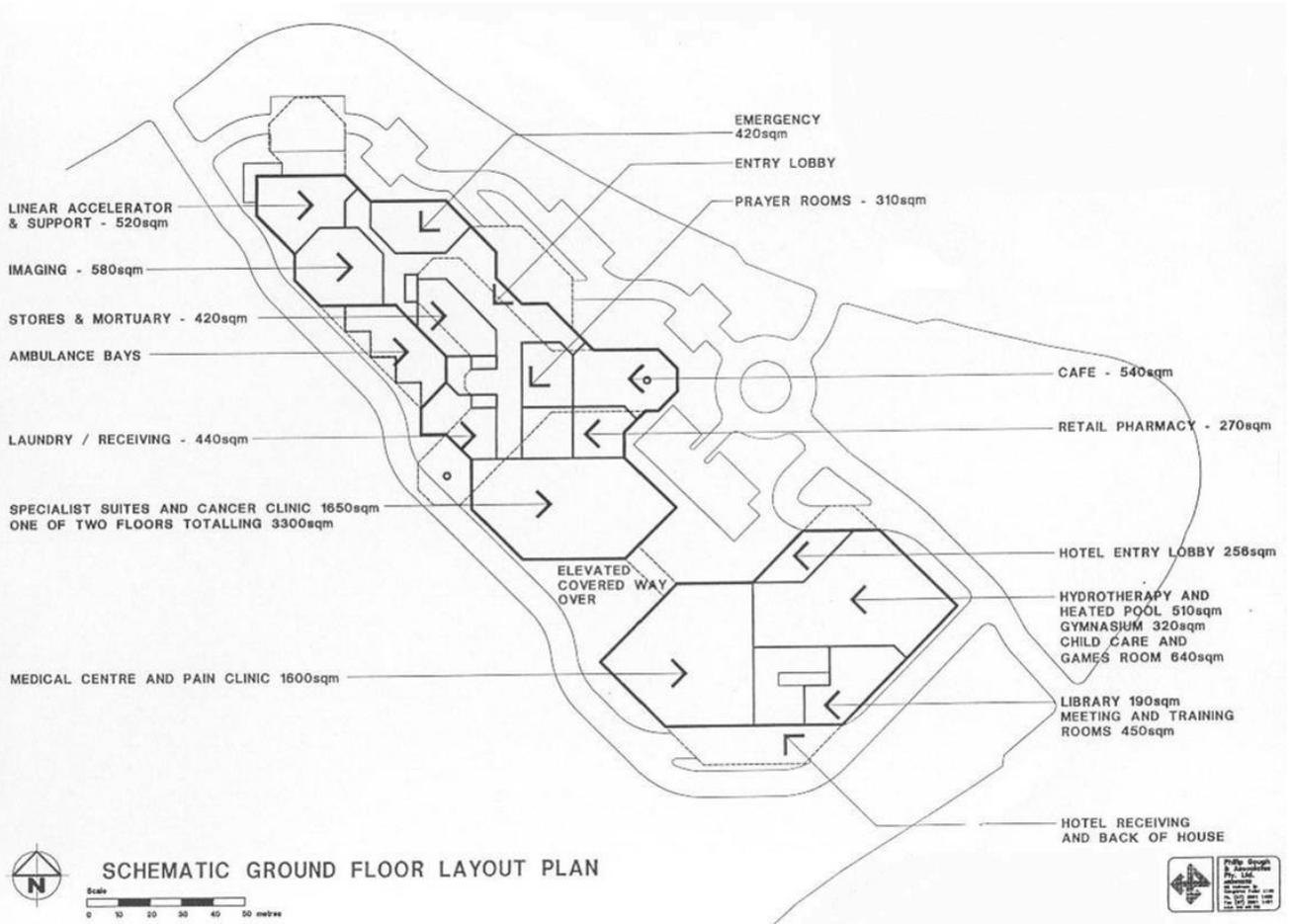


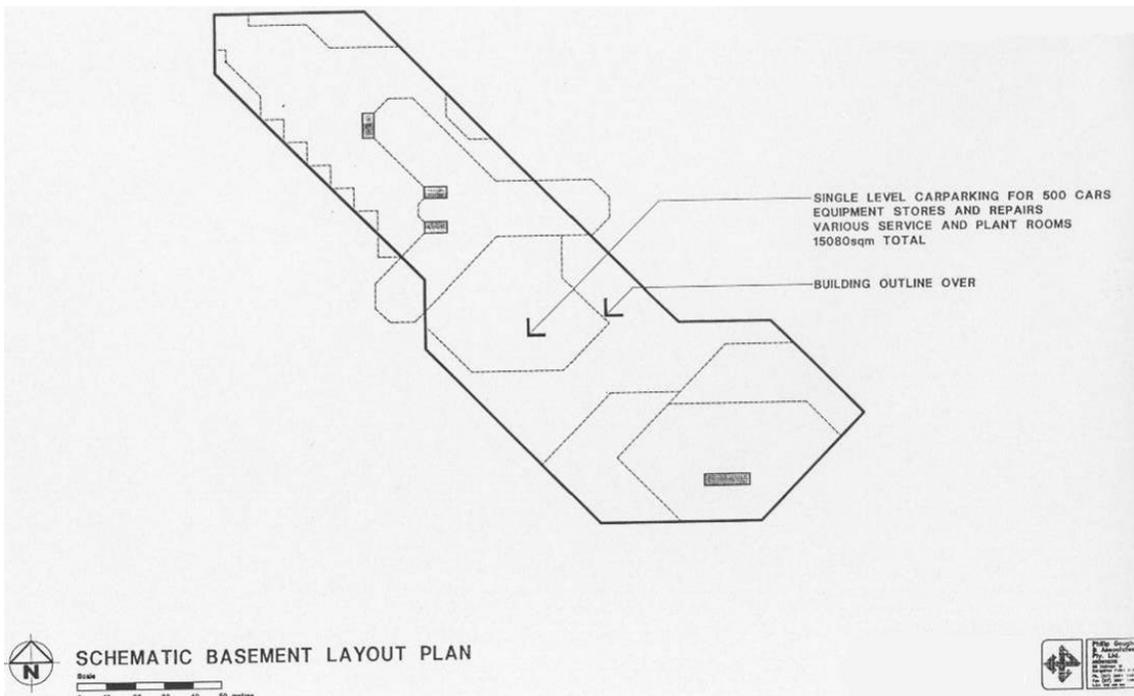
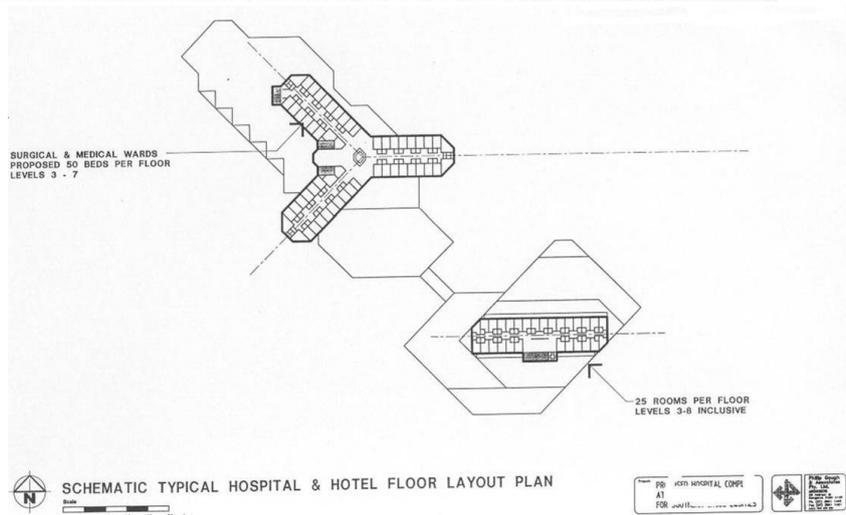
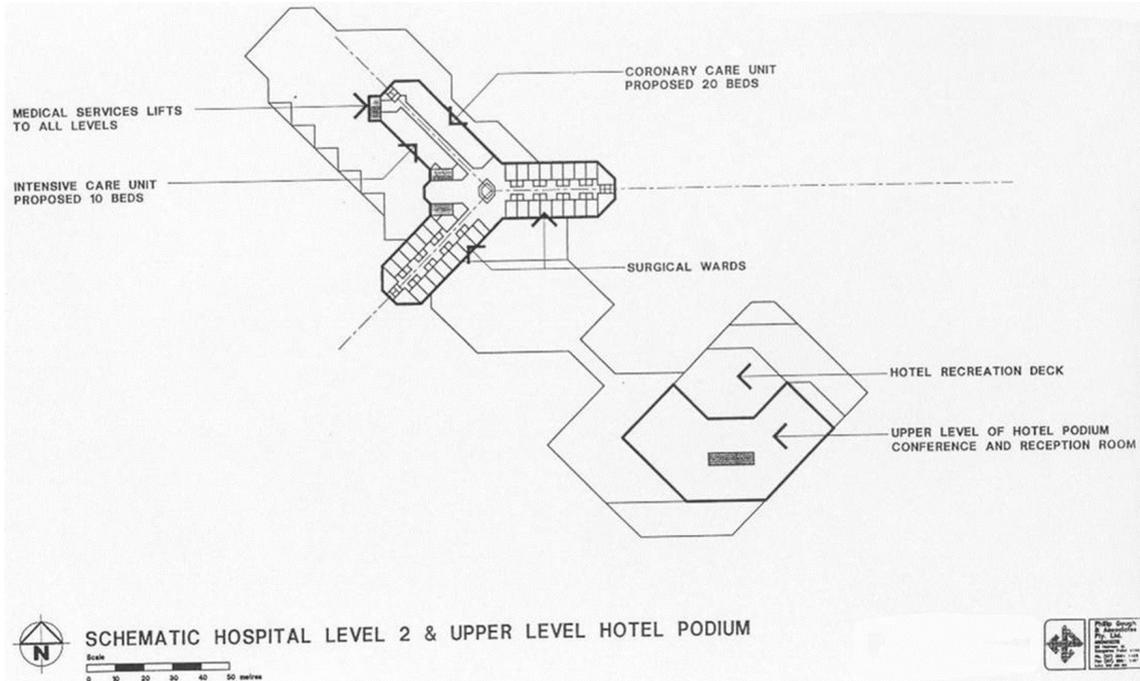
UNIVERSITY LAYOUT

Master plan of Sunshine Coast, Queensland, University:









Pascas Care Hospital



**Pascas Care
 Medical Clinic**

Medical Specialties

Geriatrics	Obstetrics	Postnatal Care	pregnancy	Cardiology	Fetus
Rhinology	Pulmonology	Dental Care	Facial Plastic Surgery	Gynecology	Dermatology
Otology	Gastroenterology	Hepatology	Psychiatry	Plastic Surgery	Symptom Checker
Human Brain	Pelvic Bone	Neurosurgery	Chiropractic	Hematology	Osteology
Breast Augmentation	Breast Reduction	Optometry	Naturopathy	Newborn	Herbal Medicine
Ear examination	Eye Specialties	Dermatology	Neurology	Orthopedics	Pulmonology

Pascas Care MEDICAL CENTRE



US \$29,480,000 Available to order (AU\$42 million – add helicopter, etc., budget AU\$50 million)

These Hospital Cats are all fully self-contained with live on-board accommodation for the medical staff as well as the crew. Vessels come with standard fit out as below and can be fitted with state of the art medical equipment (at additional cost). These vessels are both modern in the Naval design as well as being a fully functional Hospital on the water. The 60-metre vessel has been designed for coastal use as well as being able to travel up rivers to isolated communities. Construction time for this vessel is approximately 9 months.

Uses: As a fully functional modern Mobile Hospital. Disaster relief such as for Flooding, Cyclone, Tsunami, Volcano and Earthquakes. As a training centre, working together with local land-based Hospitals. Assisting the Navy as emergency and rescue vessels. Assisting search and rescues operations on or near the water.

Standard 60-metre Hospital Cat Fit-out

- Operating Theatre x 4
- Scrub Rooms x 2
- Sterilization Room x 1
- X-Ray Department x 1
- Laboratory x 1
- Dental Clinic x 1
- Gynaecology x1
- Ophthalmology x 1
- Phlebotomy Station
- General Medicine x 4
- Pre-op and Post-op 4 + 4
- Overnight Ward x 8 patients
- ICU x 6
- Patient Waiting Room
- Medical + Crew Dining Area
- Medical + Crew Galley
- Administration Office
- Helipad (Helicopter is additional)
- Elevator Twin



Vessel Particulars

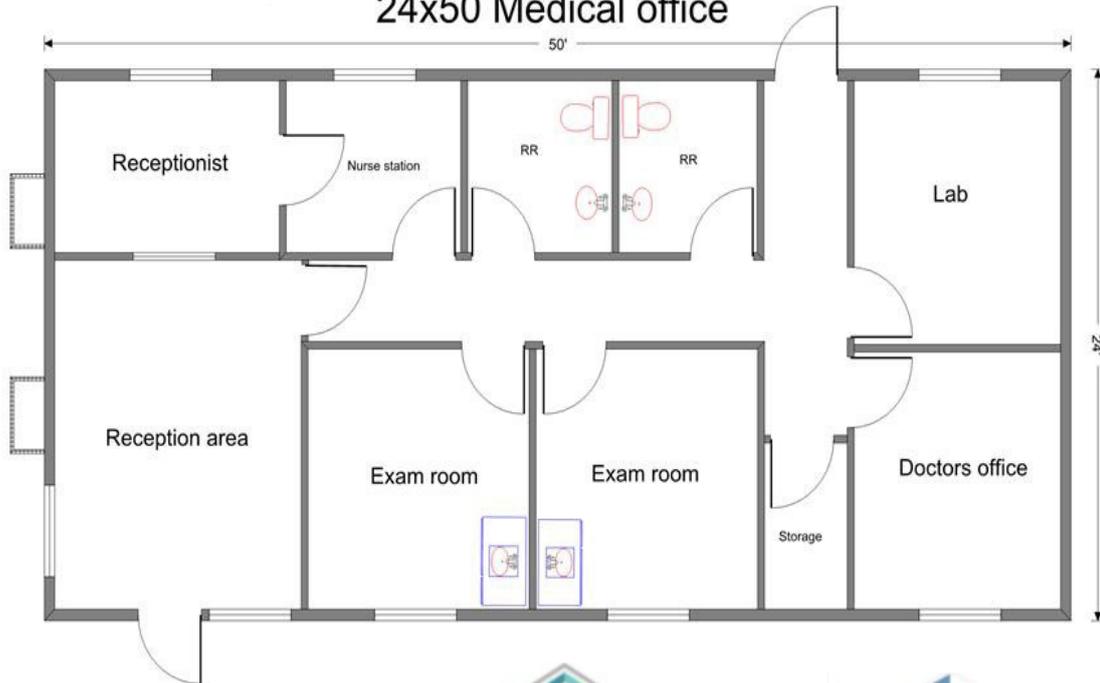
LOA: 60.00 metres WOA: 22.0Height: 18. Draft: 2.60 metres
 Patient Beds: 80 (wards)
 Medical Staff Accommodation: 42 Berths
 Ship's Crew Accommodation: 24 Berths

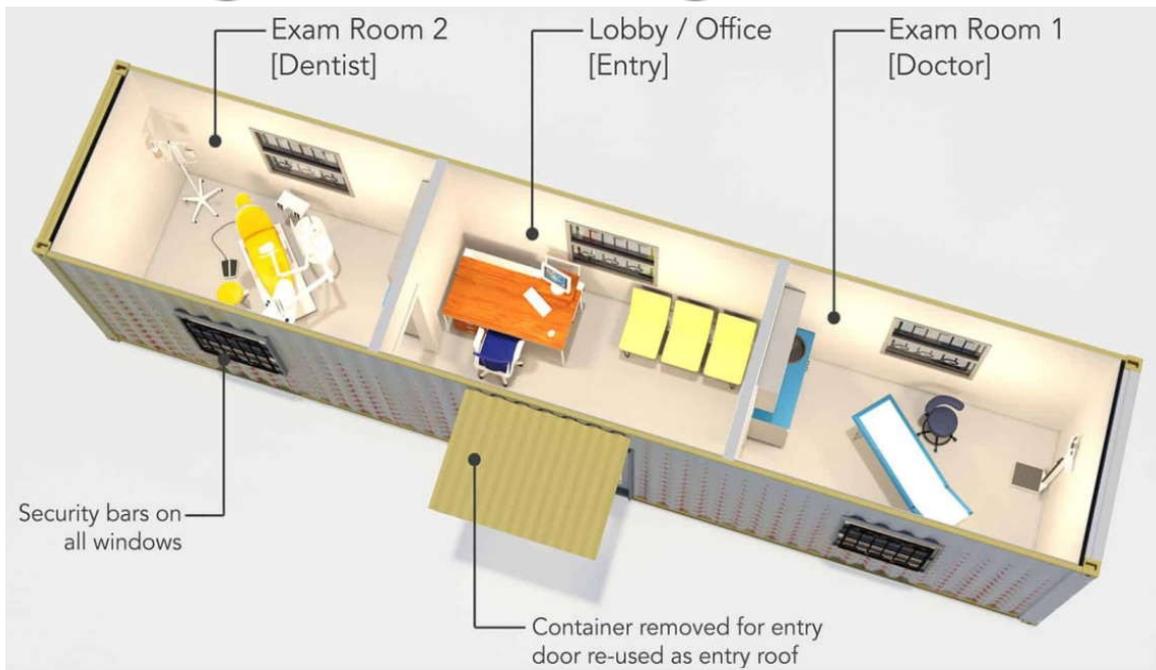
Vessels Levels

Below Deck: Engine room, Tank room and Ships crew accommodation.
 Main Deck: Patient Waiting Room, X-Ray Department, Laboratory, Dental Clinic, Gynaecology, Ophthalmology, General Medicine, Overnight Ward, Pharmacy, Phlebotomy Station, ICU stations.
 1st Level: Patient ward.
 2nd Level: Operating theatres, Overnight beds, Equipment storage, PPE storage.
 3rd Level: Medical staff accommodation, Galley + Dining area, Medical staff accommodation.
 Top Deck: Bridge, Ventilation system, Helipad

Budget AU \$50,000,000

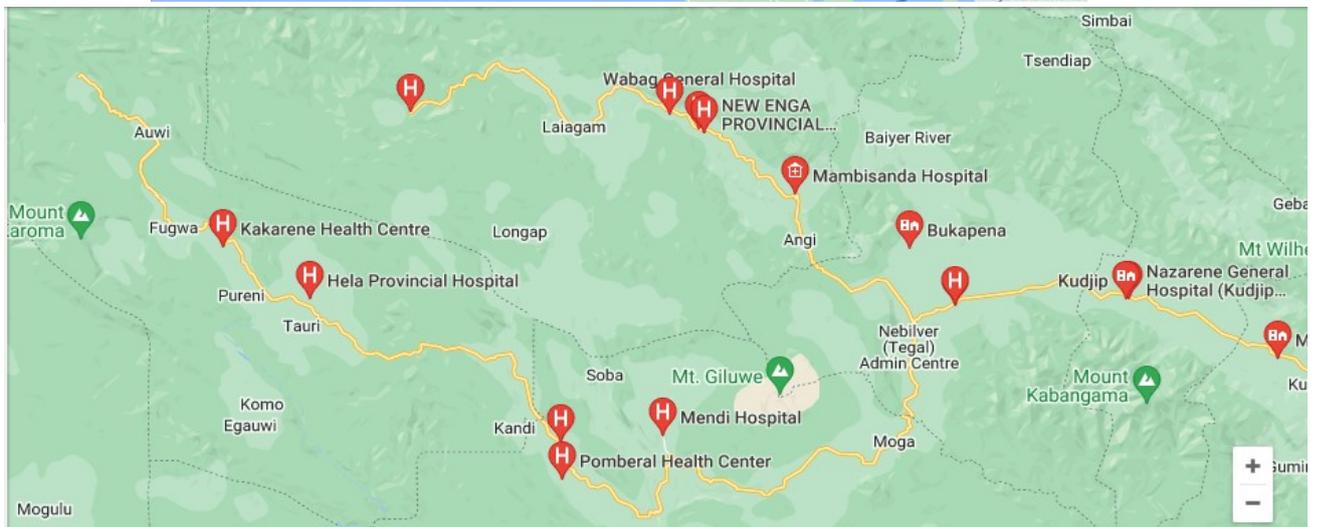
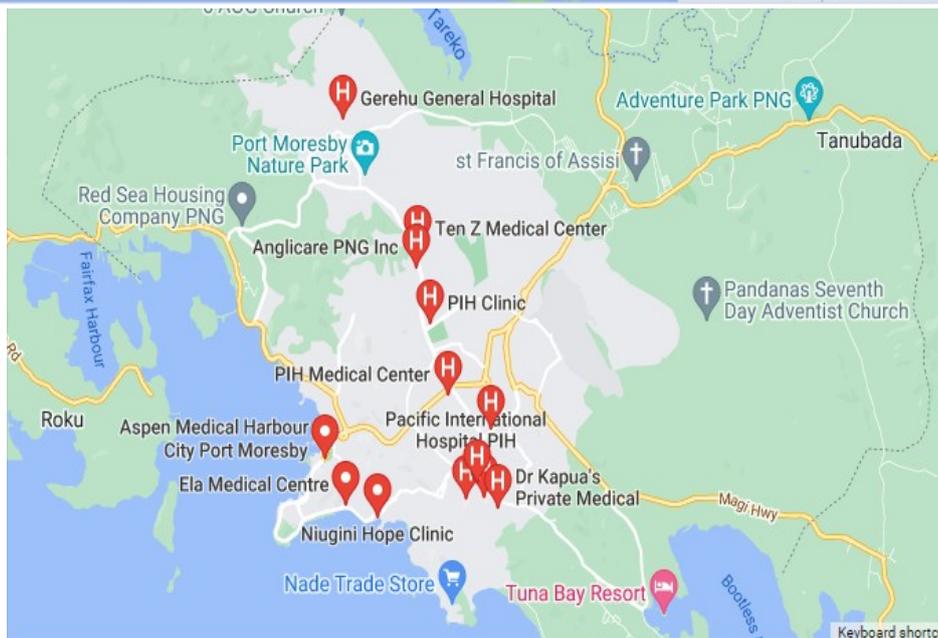
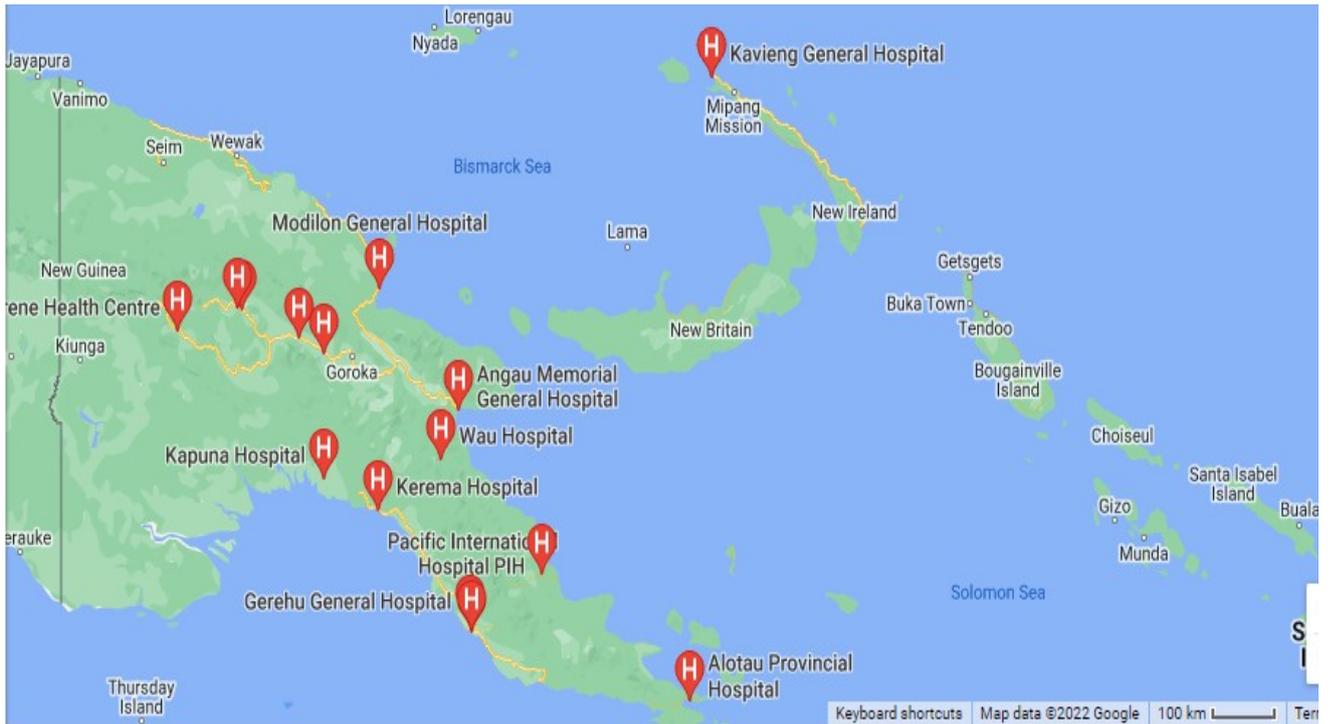
24x50 Medical office





Hospitals in Papua New Guinea			
Name	City	Province	Bed Capacity
Alotau General Hospital	Alotau	Milne Bay Province	204 beds
Angau General Hospital	Lae	Morobe Province	500 beds
Boram Hospital	Wewak	East Sepik Province	312 beds - 40 new beds recently added
Daru General Hospital		Western Highlands Province	126 beds
Flores Hospital	Lae	Morobe Province	100 bed super specialty tertiary care
Goroka Hospital	Goroka	Eastern Highlands Province	265 beds deteriorating
Kapuna Hospital		Gulf Province	100 beds (old)
Kavieng General Hospital		New Ireland Province	90 beds
Kerema Hospital		Gulf Province	83 beds
Kimbe General Hospital	Kimbe		140 beds
Kokoda Memorial Hospital	Kokoda	Oro Province	25 beds
Kundiawa General Hospital	Kundiawa	Chimbu Province	200 beds
Kudjip Nazarene Hospital	Kudjip	Jiwaka Province	130 beds
Lae International Hospital	Lae	Morobe Province	320 beds
Laloki Psychiatric Hospital	Boroka	NCD	37 beds
Lorengau General Hospital	Lorengau	Manus Province	94 beds
Mendi General Hospital	Mendi	Southern Highlands Province	300 bed planned on 5.34 hect 19,000m2 Planpac
Madang Provincial Hospital	Madang	Madang Province	270 beds
Mount Hagen General Hospital	Mount Hagen	Western Highlands Province	250 beds
Nazarene General Hospital	Mount Hagen	Western Highlands Province	120 beds
Nonga General Hospital	Rabaul		190 beds with new hospital planned
Pacific International Hospital	Port Moresby		Expanding from 80 to 150 beds
Paradise Private Hospital	Port Moresby		40 beds 14 doc + 10 spec
PIH Clinic	Port Moresby		80 beds (8,000 m2)
Popondetta General Hospital	Popondetta	Oro Province	150 beds
Port Moresby General Hospital	Port Moresby		400 beds
Sohano General Hospital	Buka Bouganville		84 beds Planpac
Buka General Hospital			
Tari General Hospital	Tari	Hela Province	86 beds Planpac
Togoba Rural Health Center	Mount Hagen	Western Highlands Province	113 beds
Wabag General Hospital	Wabag	Enga Province	> 300 beds
Yagaum Rural Hospital	Madang (near)	Madang Province	18 bed?

some



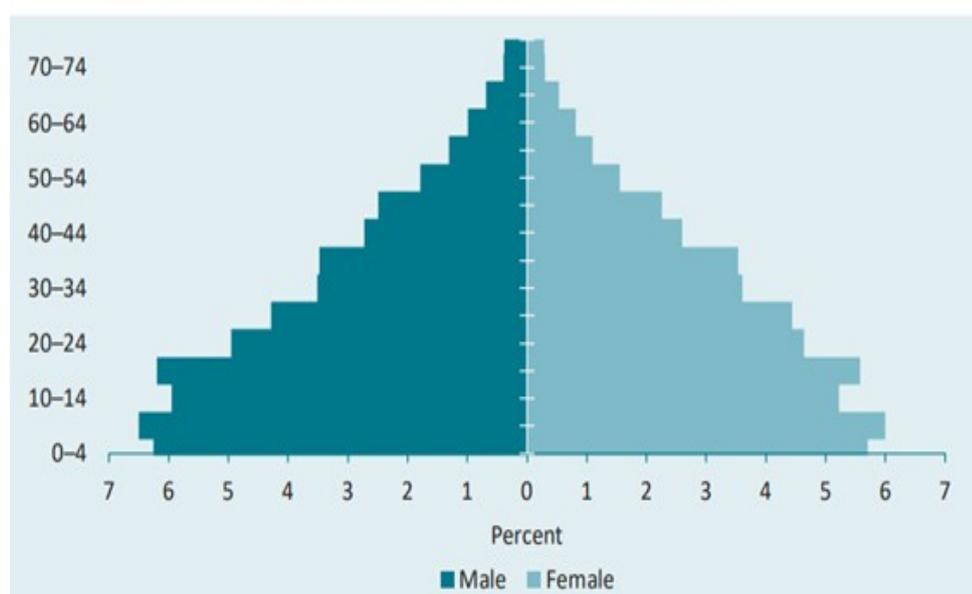
Independent State of Papua New Guinea Health System Review

<https://apps.who.int/iris/bitstream/handle/10665/280088/9789290226741-eng.pdf?sequence=5&isAllowed=y>

Public health system network in Papua New Guinea

Government administrative structures	Formal public health system (including Church health system) (minimum average number of staff indicated)	Private health system	Employer-provided health services
Community/ Village /Ward	Aid Post - 1 community health worker (CHW) Community Health Post - 2 CHWs Population served: 500–2000	Village birth attendants, village health volunteers, Traditional practitioners	Aid post/First aid post
Ward/Local-level government or Urban council	Health subcentre/ Urban clinic 300–1500 inpatients per year 100–150 deliveries per year 2000–5000 rural > 10 000 urban 1 nurse, 3 CHWs		Health subcentre
	Health centre 2 nurses, 5 CHWs 5000–10 000 population 400–600 inpatients/year 100–150 deliveries/year		Health centre
District	District health centre 1 Health Extension Officer (HEO), 6 nurses, 7 CHWs <70 000 population 30 beds	Private doctors, private clinics, private pharmacies	Hospital (own or manage/support public)
	Level 5 Rural hospital 1 Medical Officer (MO), 3 HEOs, 9 nurses, 22 CHWs 70 000+ population No more than 2 in a province 50 beds		
Province	Level 4 hospital 2 MOs, 1 HEO, 25–35 nurses, 25–30 CHWs	Private doctors, private clinics, private pharmacies, private hospitals	
	Level 3 hospital 10–20 MOs, 5–10 HEOs, 30–80 nurses, 50–90 CHWs		
Province/Region	Level 2 hospital 25 MOs, 5+ HEOs, 100–200 nurses, 70–120 CHWs (Western Highlands province, Morobe province, East New Britain province)		
	Level 1 hospital 30 MOs, 5+ HEOs, 100–200+ nurses, 70–120 + CHWs Port Moresby General Hospital		

Population pyramid, Papua New Guinea, 2011



Mortality indicators, Papua New Guinea, 1990–2015

Indicators	1990	2000	2005	2010	2015
Life expectancy at birth, total (years)	58	58.9	60.4	61.8	62.9
Life expectancy at birth, male (years)	54.9	56.7	58.1	59.5	60.6
Life expectancy at birth, female (years)	56.7	61.3	62.8	64.3	65.4
Total mortality rate*(both sexes)	..	335	307	286	275
Total mortality rate, adult, male (per 1000)	..	374	344	312	324
Total mortality rate, adult, female (per 1000)	..	293	267	248	236

Trends in demographic indicators, Papua New Guinea, 1980–2015

Indicators	1980	1990	1995	2000	2005	2015
Total population	3 304 473	4 313 059	4 894 276	5 572 222	7 108 239	7 919 825
Population aged 0–14 years (% total)	43.6	42.0	40.6	39.7	39.1	36.6
Population aged 65 years and above (% of total)	2.7	2.9	3.1	3.2	3.3	3.6
Population growth (average annual growth rate)	2.8	2.5	2.6	2.6	2.5	2.1
Population density (population per sq.km)	7.3	9.5	10.8	12.3	13.9	17.5
Fertility rate (births per woman)	5.7	4.8	4.7	4.5	4.3	3.7
Birth rate, crude (per 1000 people)	39.4	34.8	34.6	34.0	32.1	27.9
Death rate, crude (per 1000 people)	11.3	9.5	8.8	8.3	7.7	7.1
Age dependency ratio	86.3	81.7	77.6	75.1	73.7	67.4
Rural population (% of total population)	87.0	85.0	85.9	86.8	86.9	87.0
Adult literacy levels (%)	..	..	..	57.3	..	..

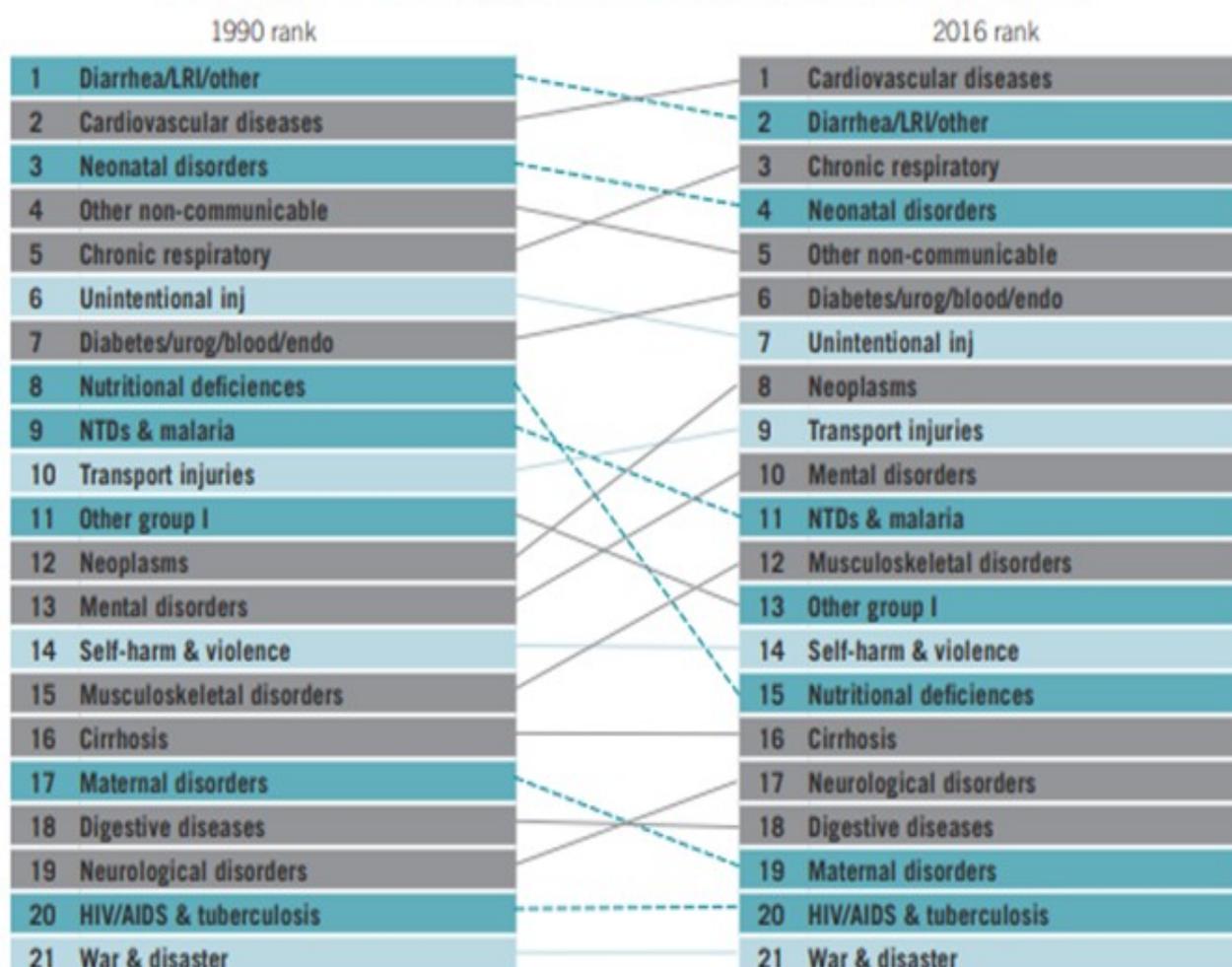
Main causes of death, Papua New Guinea, 2000–2015

Cause of death	Age-standardized death rates per 100 000 population				
	2000	2005	2010	2013	2015
Communicable diseases					
Tuberculosis	18.7	17.8	15.0	12.8	11.4
Sexually transmitted infections excluding HIV	7.4	7.7	10.6	9.6	8.6
HIV/AIDS	8.3	16.3	11.5	9.6	7.9
Non-communicable diseases					
Neoplasms	120.8	124.0	124.3	123.0	122.0
Colon and rectum cancer	8.7	8.9	9.0	9.0	9.0
Larynx cancer	1.7	1.7	1.7	1.7	1.7
Tracheal, bronchus and lung cancer	18.9	19.1	18.9	19.0	19.1
Breast cancer	11.7	12.5	12.7	12.6	12.6
Cervical cancer	11.1	11.3	10.9	10.4	10.0
Diabetes mellitus	86.6	99.7	107.1	109.5	111.0
Mental disorders	1.6	1.6	1.6	1.6	1.6
Ischemic heart disease	290.9	303.5	302.4	296.6	291.7
Cardiovascular diseases	633.5	646.5	634.4	614.2	598.8
Chronic respiratory diseases	382.7	381.3	369.8	357.1	347.1
Digestive diseases	44.1	43.1	41.2	39.3	38.0
External causes					
Transport injuries	38.8	39.3	38.5	37.2	36.4
Self-harm and interpersonal violence	23.9	24.3	24.2	23.6	23.3

Maternal, child and adolescent health indicators, Papua New Guinea, 1980–2015

Indicators	1980	1990	2000	2010	2015
Adolescent fertility rate (births per 1000 women aged 15–19 years)	100.2	73.0	66.3	58.6	54.4
Neonatal mortality rate (per 1000 live births)	36.7	31.1	29.6	26.5	24.0
Infant mortality rate (per 1000 live births)	76.6	64.4	57.5	49.8	43.8
Under-5 mortality rate (per 1000 live births)	107.3	88	77.2	65.2	56.2
Maternal mortality ratio (per 100 000 live births)	..	470	342	238	215
Prevalence of HIV, total (% of population aged 15–49)	..	0.1	0.7	0.9	0.9
Measles immunization (% children aged 12–23 months)	..	67	69	74	79
Prevalence of stunting, height for age (% of children under 5)	50.2% (1983)	..	..	49.5% (2010)	..
Prevalence of underweight, weight for age (% of children under 5)	24.6% (1983)	..	..	27.9% (2010)	..

DALYs per 100 000 population, both sexes, 1990 and 2016



- Communicable, maternal, neonatal and nutritional diseases
- Noncommunicable diseases
- Injuries

Behavioural risk factors for NCDs in Papua New Guinea

Behavioural risk factor	Males (%)	Females (%)	Total (%)
Current smoking (age-standardized rate) (2011) ^a	55%	27%	41%
Obesity in adults 20 years and over (%) (2008) ^b	11.8	20.1	..
Total alcohol per capita consumption, in liters of pure alcohol (2010) ^a	5.1	1.0	3.0
Consumption of less than 5 servings of fruit and vegetable per day (2007) ^c	99.1	98.6	98.9
Low physical activity (2007) ^c	9.0	10.9	9.9
Prevalence of raised fasting blood glucose among adults aged 25 years and over (%) (2008) ^b	15.2	14.7	..
Prevalence of raised blood pressure among adults aged 25 years and over (%) (2008) ^b	21.1	18.1	..

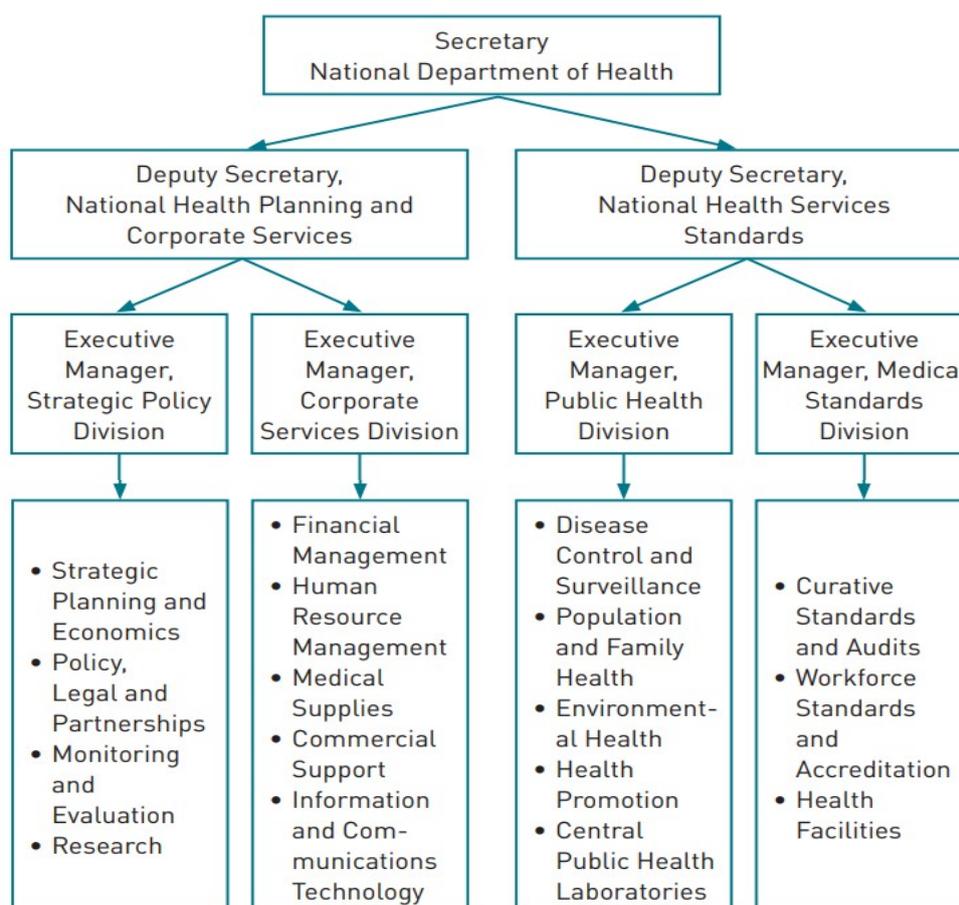
Main governance functions at each level of the health system in Papua New Guinea

Levels of governments	Main functions (as described in NDoH Corporate Plan 2013–2015)
National Government	Oversee health-care system Coordinate and provide technical advice and support to lower levels of Government Oversee management of public hospitals
National Health Board	Endorse the National Health Plan and recommend its adoption to the National Executive Council It also approves standards and monitors progress against the National Health Plan May be requested or directed to carry out enquiries
National Department of Health	Provides assistance and support to the National Health Board to discharge its functions Develops standards, monitors and ensures compliance against standards, as well as provides technical assistance to the provinces to assist them in implementing the NHP and meeting relevant standards Required to maintain National Health Service Standards
Provincial governments	Responsible for planning, implementation and funding of the NHP through service delivery at the district level Fund health activities that allow for minimum standards to be met Have powers under Section 42 (1) (n) of the Organic Law on Provincial Governments and Local Level Governments Administration Act, 1997 and Section 19 of the National Health Administration Act, 1997 to make laws in relation to rural health.
Local governments	Responsible for funding health activities at the local level and should participate in planning Provide information to the NDoH for the National Health Information System (NHIS) Chair the district health management committees Participate in planning activities
Hospitals	Specific functions described under the Public Hospitals Act (1994) and are required: <ul style="list-style-type: none"> to provide curative care and support rural health-care delivery to provide support to rural health services to conduct in-service training to develop agreements with the nongovernment sector to deliver health services

Number of health facilities in Papua New Guinea, 2008

Facility level	Government	Mission	Other	Total
Provincial hospitals	20 (95.2%)	2 (4.8%)	0	22
Urban health clinics	48 (69.6%)	10 (14.5%)	11. (15.9%)	69
District and rural hospitals	5 (35.7%)	7 (50.5%)	2 (14.3%)	14
Health centres	149 (74.1%)	48 (23.8%)	4 (2.1%)	201
Health subcentres	158 (36.9%)	263 (61.5%)	7 (1.6%)	428
Aid posts	Open			2672 (77.5%)
	Closed			776 (22.5%)

Organizational structure of the National Department of Health



Key: CPHL: Central Public Health Laboratories; CS: Corporate Services; ICT: information and communication technology; NDoH: National Department of Health; NHP: National Health Plan; NHSS: National Health Service Standards

Governance arrangements in Papua New Guinea: An overview

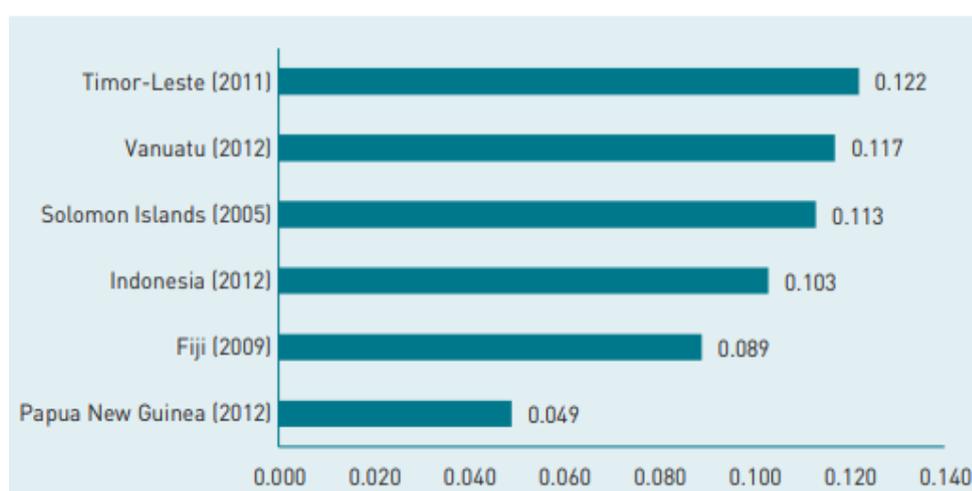
Administrative level	Political structures	Administrative structures
National	National Parliament National Executive Council Ministries	National Parliament Statutory Bodies National Department of Health National Health Board
Province	Provincial Assembly Provincial Executive Council Provincial Committees Joint Province Planning and Budgetary Priorities Committee	Provincial Administration Provincial Treasury Provincial Audit Service Provincial Health Board Provincial Health Advisor*
District	Joint District Planning and Budgetary Priorities Committee	District Administration District Treasury District Health Manager District Health Management Committee
LOCAL LEVEL		
Each district is divided into local-level governments (LLGs). There are 284 LLGs in Papua New Guinea.		
WARD LEVEL		
Each LLG has many wards. There are 5747 wards in Papua New Guinea.		
COMMUNITIES AND VILLAGES		
Each ward is made up of many hamlets, villages and non-traditional village areas.		

Note: * Changes under the PHAA to a CEO of provincial health

Overview of education programmes for the health sector in Papua New Guinea

Category	Entry year	Duration (years)	Level	Provider	No. of schools
Community health worker	10	2	Certificate	Churches and 12 provinces	12
Nursing	12	3	Diploma in General Nursing	Churches and Government located in 8 provinces	7
Bachelor of Nursing	12	4	Degree	School of Health Sciences – Pacific Adventist University	1
Physiotherapist	12	4	Degree	Divine Word University	1
Bachelor of Rural Health	12	4	Degree	Divine Word University	1
Environmental Health Officer (EHO)	12	4	Degree	Divine Word University	1
Bachelor of Health Management (BHM)	12	4	Degree	Divine Word University	1
Bachelor of Oral Health	12	4	Degree	University of Papua New Guinea (UPNG), School of Medicine and Health Sciences (SOMHS)	1
Bachelor of Dental Surgery (BDS)	12	4	Degree	UPNG, SOMHS Taurama campus	1
Bachelor of Pharmacy	12	4	Degree	UPNG, SOMHS Taurama campus	1
Bachelor of Medical Laboratory Sciences	12	4	Degree	UPNG, SOMHS Taurama campus	1
Bachelor of Medical Imaging	12	4	Degree	UPNG, SOMHS Taurama campus	1
Bachelor of Medicine and Bachelor of Surgery (MBBS)	12	5	Degree	UPNG, SOMHS Taurama campus	1

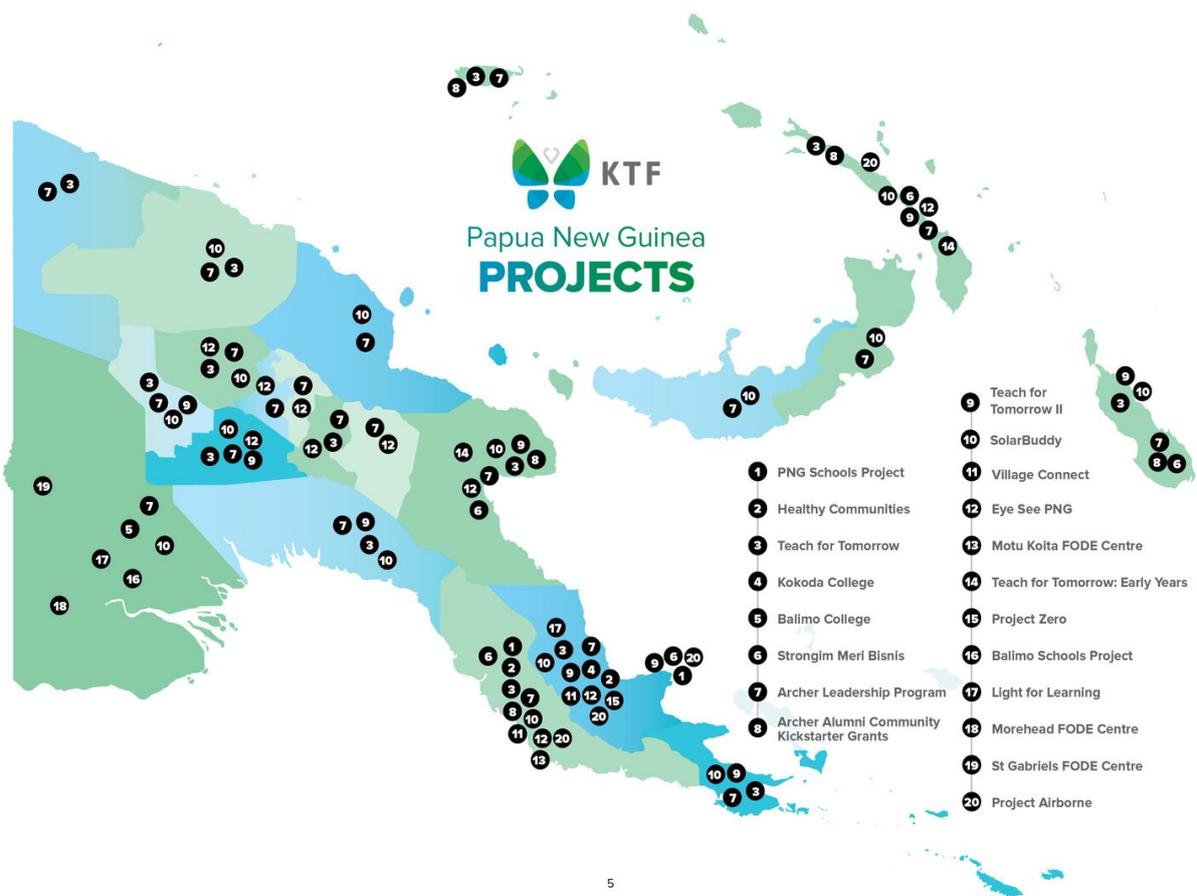
Pharmacists per 1000 population, selected countries, latest available year

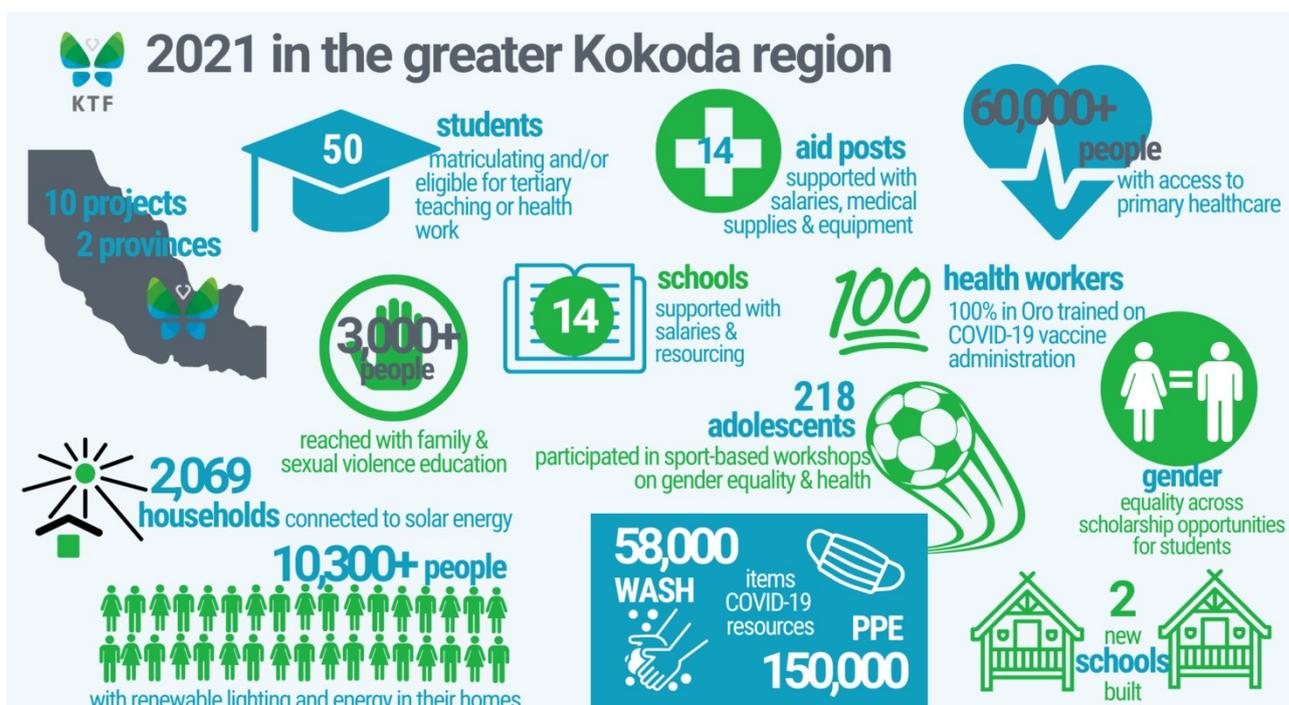
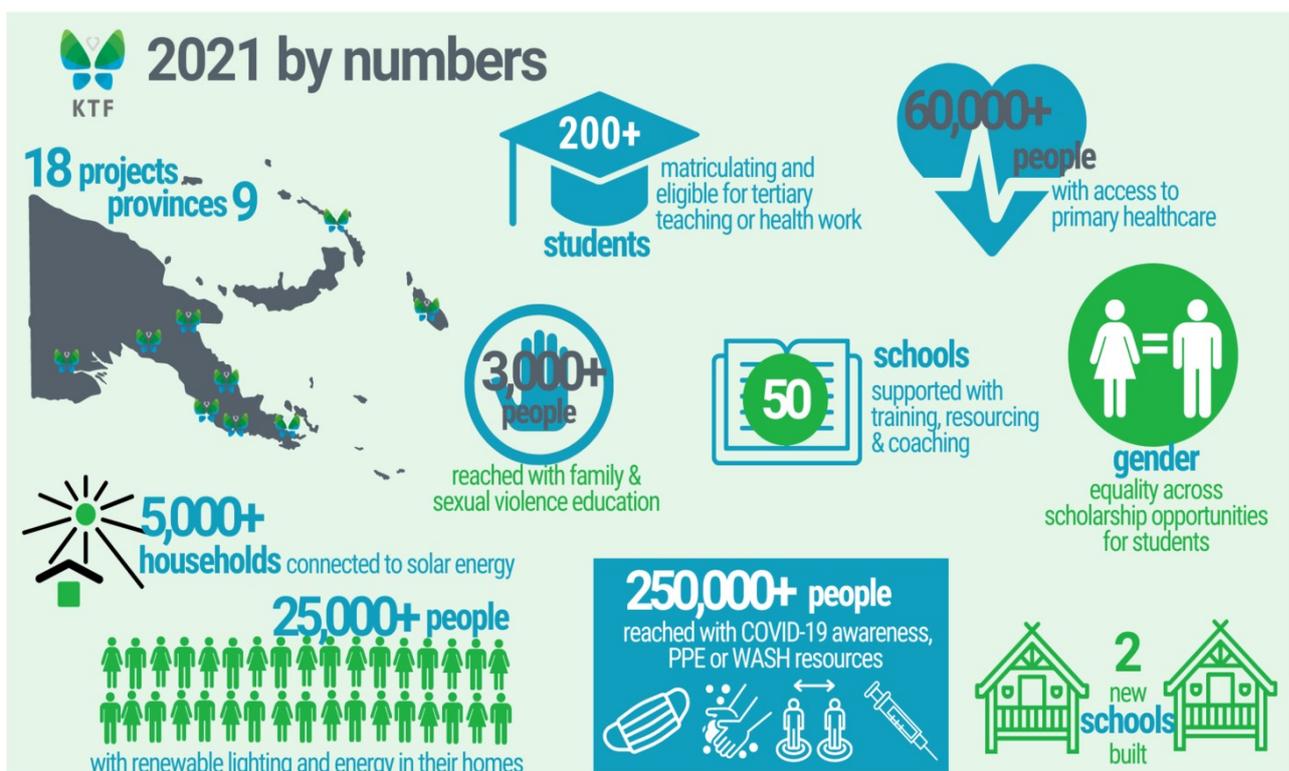


Papua New Guinea had a population of over seven million in 2011 with over 80 percent living in rural areas. According to the World Health Organization in 2014, there were seven regional hospitals, 19 provincial hospitals, 89 district hospitals, 677 health centre's, and 2,600 health posts in Papua New Guinea. Many rural hospitals have closed because of shortages of supplies.

Data from Department of Education in Papua reported that the total number of primary schools was 2,472, secondary schools 395, high schools 115 and vocational schools 30 (Dinas Pendidikan dan Pengajaran, Papua, 2001).

In Papua New Guinea (PNG), **primary school attendance is at 63.4 percent for boys and 56.5 percent for girls.** Early childhood education is foundational for children's learning, but there is little to no access to this. This means most children are behind before they even attend their first class.







A major hospital redevelopment providing essential long-term health services to the Tari community and more regional patients of Hela Province and beyond.



- Location: Tari Hela Province, Southern Highlands
- Client: Southern Highlands Provincial Government
- Scale: 1.34ha site, 3,000m² building

The Tari District Hospital in PNG provides an 86-bed facility with a mix of hospital wards. The redevelopment will feature wards for maternity, paediatric, surgical and medical patients. A new fully equipped emergency department and community outpatient treatment centre will allow the people of the Hela Province access to dental, optical, post natal, paediatric and traveling specialist clinics.

Planpac Group PNG provided site master planning services, design and staging for a major hospital redevelopment proposal. The detailed master plan and subsequent site utilisation and assessment studies were undertaken on an existing site. The overall site is 1.34ha, with the building approximately 3,000sqm.

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Damien Ferguson

Geoff Plante

K300mil Mendi hospital redevelopment starts 11 November 2021

Mendi Provincial Hospital Redevelopment



Arawa District Hospital Redevelopment



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MEDICAL - EMOTIONS

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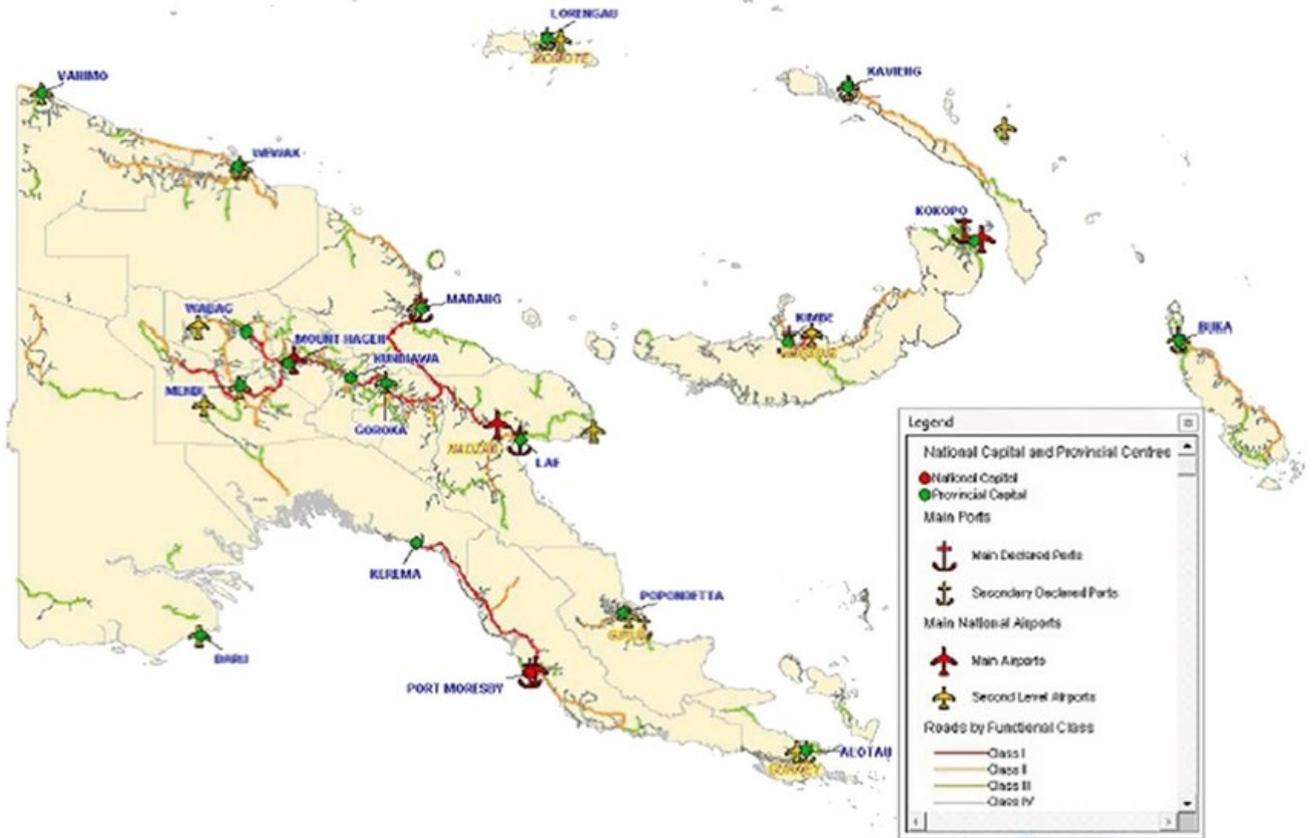
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Source: PNG Department of Works (2014)

