

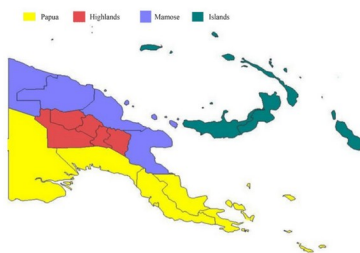
PASCAS FOUNDATION (PNG) Inc

PASCAS FOUNDATION (PNG) Inc

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PAPUA NEW GUINEA



**PAPUA NEW
GUINEA**

| PASCAS FOUNDATION (PNG) Inc OPERATING STATEMENT STATEMENT of FINANCIAL PERFORMANCE | | | | | | | 2 |
|------------------------------------------------------------------------------------------|------|-----------------|-----------------|---------------------|----------------|---------------|---|
| | 2025 | 2026 | 2027 | \$ = AUD 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 | 0 | -6,268,406 | -11,143,791 | -13,378,503 | -14,935,156 | -18,143,821 | |
| Scholarships Granted overseas | 0 | 67,000,000 | 134,000,000 | 201,000,000 | 244,000,000 | 263,000,000 | |
| 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
PROJECTED CASH FLOW
STATEMENT of CASHFLOWS

| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | |
|--------------------------------------|------|----------------|----------------|----------------|---------------------|----------------|--------------|----------|
| | | | | | 30 Jun | | | |
| | | | | | 2028 2029 | | | |
| | | | | | AU\$1.00 = USD 0.65 | | PGK 2.50 | |
| | | | | | | | | 3 |
| \$ = AUD | | | | | | | | |
| NET PROFIT | \$0 | -\$113,045,787 | -\$230,324,552 | -\$361,500,645 | -\$439,834,679 | -\$495,820,724 | | |
| Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Depreciation | 0 | 39,777,381 | 85,180,761 | 147,122,142 | 180,899,523 | 214,676,903 | | |
| Prepaid Borrowing Costs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Increase in Payables - Creditors | 0 | 1,300 | 5,417 | 258,858 | 1,485,094 | 5,417 | | |
| Decrease in Stock & Stores | 0 | -16,250 | -60,992 | -2,047,357 | -11,880,749 | -43,333 | | |
| Decrease in Receivables - Debtors | 0 | -6,500 | -27,083 | -1,294,291 | -7,425,468 | -27,083 | | |
| CASH FROM OPERATIONS | 0 | -73,289,856 | -145,226,449 | -217,461,293 | -276,756,280 | -281,208,821 | | |
| NON DISCRETIONARY EXPENSES | | | | | | | | |
| Creditors - Directors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Taxation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Interest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Principal of Borrowings Repaid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Borrowings Repaid - current | 0 | | | | | | | |
| Borrowings Repaid - noncurrent | 0 | 0 | | | | | | |
| Total non discretionary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DISCRETIONARY EXPENSES | | | | | | | | |
| Dividends | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CapEx Land Building Acquisitions | 0 | 994,134,517 | 1,104,784,517 | 1,216,734,517 | 844,134,517 | 844,134,517 | | |
| Plant & Equipment | 0 | 100,000 | 10,100,000 | 110,600,000 | 100,000 | 100,000 | | |
| Office Building | 0 | 5,000,000 | 0 | 0 | 0 | 0 | 0 | |
| Housing Accommodation | 0 | 150,000,000 | 150,000,000 | 150,000,000 | 150,000,000 | 150,000,000 | | |
| Intellectual Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other | 0 | | | | | | | |
| Borrowing Costs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total discretionary | 0 | -1,149,234,517 | -1,264,884,517 | -1,477,334,517 | -994,234,517 | -994,234,517 | | |
| FUNDS GENERATED | 0 | -1,222,524,373 | -1,410,110,966 | -1,694,795,809 | -1,270,990,797 | -1,275,443,338 | | |
| FUNDED by: | | | | | | | | |
| TOTAL GRANTS FUNDING | 0 | 1,266,400,000 | 1,399,400,000 | 1,724,400,000 | 1,373,400,000 | 1,392,700,000 | | |
| Loans | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Equity Capital net raising | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Asset Sales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TOTAL FUNDING | 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 | | -78,000 | -403,000 | -15,934,490 | -105,040,110 | -105,365,110 | | |
| NET CASH FLOW | 0 | 43,797,627 | -11,113,966 | 13,669,701 | -2,630,907 | 11,891,552 | | |
| CLOSING CASH (DEBT) | \$0 | \$0 | \$43,797,627 | \$32,683,661 | \$46,353,362 | \$43,722,456 | \$55,614,008 | |

PASCAS FOUNDATION (PNG) Inc
KEY RATIOS
KEY PERFORMANCE INDICATORS (KPI's) A
\$ = AUD
30 Jun
4

| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|--|------|------|------|---------------------|------|----------|
| | | | | 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! |
|----------------------------------------|---------|---------|---------|---------|---------|

PASCAS FOUNDATION (PNG) Inc
KEY RATIOS
KEY PERFORMANCE INDICATORS (KPI's) B
\$ = AUD
30 Jun
5
2026
2027
2028
2029
2030
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% |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|

equity capital in relation to fixed assets

| | | | | | |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|
| Equity to Fixed Assets Ratio B | 103.9% | 101.4% | 101.4% | 101.5% | 101.5% |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|

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**PRODUCTION****REVENUE**

HIGH SCHOOL LAND & BUILDINGS
TAFE & CRAFT CREATIONS sites
UNIVERSITY LAND & BUILDINGS
HOSPITAL LAND & BUILDINGS
FIRST AID POST
CLINICS LAND & BUILDINGS
COMMUNITY CENTRE
EDUCATION COMPLEX TARI / DAULI
MOBILE CLINIC

\$ = AUD
2024 2025
relative to capital cost

30 Jun
2026

AU\$1.00 = USD 0.65
2027 2028

PGK 2.50
2029

6

Achievable target pricing

0.0%

Future Products average

RECURRENT COSTS GRANT

Less dealer margin

PRODUCT SALES VOLUME

HIGH SCHOOL LAND & BUILDINGS
TAFE & CRAFT CREATIONS sites
UNIVERSITY LAND & BUILDINGS
HOSPITAL LAND & BUILDINGS
FIRST AID POST
CLINICS LAND & BUILDINGS
COMMUNITY CENTRE
EDUCATION COMPLEX TARI / DAULI
MOBILE CLINIC

once opened to public

No.

Achievable target volume

0.0%

Royalty Payable

CONSUMABLES COST

HIGH SCHOOL LAND & BUILDINGS
TAFE & CRAFT CREATIONS sites
UNIVERSITY LAND & BUILDINGS
HOSPITAL LAND & BUILDINGS
FIRST AID POST
CLINICS LAND & BUILDINGS
COMMUNITY CENTRE
EDUCATION COMPLEX TARI / DAULI
MOBILE CLINIC

of revenue

TOTAL CONSUMABLES COST

Freight Inward Costs

EMPLOYEE COSTS

HIGH SCHOOL LAND & BUILDINGS
TAFE & CRAFT CREATIONS sites
UNIVERSITY LAND & BUILDINGS
HOSPITAL LAND & BUILDINGS
FIRST AID POST
CLINICS LAND & BUILDINGS
COMMUNITY CENTRE
EDUCATION COMPLEX TARI / DAULI
MOBILE CLINIC

of revenue

\$ = AUD

TOTAL EMPLOYEE COSTS**OPERATING COSTS DIRECT**

HIGH SCHOOL LAND & BUILDINGS
TAFE & CRAFT CREATIONS sites
UNIVERSITY LAND & BUILDINGS
HOSPITAL LAND & BUILDINGS
FIRST AID POST
CLINICS LAND & BUILDINGS
COMMUNITY CENTRE
EDUCATION COMPLEX TARI / DAULI
MOBILE CLINIC

per centre 20%
per centre 20%
per centre 20%
per centre 20%
per centre 20%
per centre 20%
per centre 20%
per centre 20%
per centre 20%

TOTAL OPERATING COSTS

Workers Compensation Insurance

Superannuation

Bank Fees

Staff Incentive before tax

on costs
on costs
of sales

2.5% 2.5% 2.5% 2.5% 2.5%
10.0% 10.0% 10.0% 10.0% 10.0%
3.0% 3.0% 3.0% 3.0% 3.0%
7.5% 7.5% 7.5% 7.5% 7.5%

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 | | | AU\$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 | \$0 | \$0 | -\$6,268,406 | -\$11,143,791 | -\$13,378,503 | -\$14,935,156 | -\$18,143,821 |
|---------------------------------------|-----|-----|--------------|---------------|---------------|---------------|---------------|

| | | | | | | | |
|--------------------------------------|---|---|------------|-------------|-------------|-------------|-------------|
| Scholarships Granted overseas | 0 | 0 | 67,000,000 | 134,000,000 | 201,000,000 | 244,000,000 | 263,000,000 |
|--------------------------------------|---|---|------------|-------------|-------------|-------------|-------------|

| | | | | | | | |
|--------------------------------|-----|-----|---------------|----------------|----------------|----------------|----------------|
| 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 | \$1,392,700,000 |
| | | | \$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% |

| PASCAS FOUNDATION (PNG) Inc | | | \$ = AUD | 30 Jun | AU\$1.00 = USD 0.75 | | PGK 2.50 | 9 | | |
|------------------------------------------------------------|-------------|--|---------------------|---------|---------------------|-----------------|-----------------|-----------------|---------------|---------------|
| | | | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | |
| CAPITAL EXPENDITURE | | | | | | | | | | |
| (years to build and open) | | | | | | | | | | |
| HIGH SCHOOL LAND & BUILDINGS | | | 2 yrs to build | | \$36,642,600 | \$36,642,600 | \$36,642,600 | \$36,642,600 | \$36,642,600 | |
| TAFE & CRAFT CREATIONS sites | | | 2 yrs to build | | \$39,389,850 | \$39,389,850 | \$39,389,850 | \$39,389,850 | \$39,389,850 | |
| UNIVERSITY LAND & BUILDINGS | | | 3 yrs to build | | \$49,852,067 | \$49,852,067 | \$49,852,067 | \$49,852,067 | \$49,852,067 | |
| JOURNEY for HUMANITY | | | 3 yrs to build | | \$200,000,000 | \$200,000,000 | \$200,000,000 | \$25,000,000 | \$25,000,000 | |
| HOSPITAL LAND & BUILDINGS | | | 2 yrs to build | | \$200,000,000 | \$200,000,000 | \$200,000,000 | \$200,000,000 | \$200,000,000 | |
| FIRST AID POST | | | 5 each year | | \$1,950,000 | \$1,950,000 | \$1,950,000 | \$1,950,000 | \$1,950,000 | |
| CLINICS LAND & BUILDINGS | | | 1 each year | | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$1,300,000 | \$1,300,000 | |
| COMMUNITY CENTRE | | | 1 year | | | | \$2,600,000 | | | |
| EDUCATION COMPLEX TARI / DAUL | | | 3 yr project | | \$45,000,000 | \$45,000,000 | \$45,000,000 | | | |
| MOBILE CLINIC | | | 1 year | | | \$650,000 | | | | |
| SOCIAL HOUSING - PARADISE VILLAGE | | | | | \$110,000,000 | \$220,000,000 | \$330,000,000 | \$330,000,000 | \$330,000,000 | |
| CENSUS & CADASTRAL MAPPING | | | | | \$150,000,000 | \$150,000,000 | \$150,000,000 | \$0 | \$0 | |
| COOPERATIVE ENTERPRISES | | | ongoing development | | \$160,000,000 | \$160,000,000 | \$160,000,000 | \$160,000,000 | \$160,000,000 | |
| Acquisition Cost | | | | | 0 | 0 | 0 | 0 | 0 | |
| 0% | | | | | | | | | | |
| TOTAL LAND & BUILDINGS | | | | 0 | 0 | 994,134,517 | 1,104,784,517 | 1,216,734,517 | 844,134,517 | 844,134,517 |
| (library costs are significant) | | | | | | | | | | |
| STOCK On-Hand | | | | 0 | 0 | 0 | | | | |
| PLANT - SCHOOL FITUOUT | | | | 0 | 0 | 0 | 5,000,000 | 0 | 0 | 0 |
| PLANT - TAFE FITOUT | | | | 0 | 0 | 0 | 5,000,000 | 0 | 0 | 0 |
| PLANT - UNIVERSITY | | | | 0 | 0 | 0 | 0 | 30,000,000 | 0 | 0 |
| PLANT - HOSPITAL | | | | 0 | 0 | 0 | 0 | 75,500,000 | 0 | 0 |
| PLANT - CLINICS | | | | 0 | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| PLANT - FUTURE PRODUCTS | | | | 0 | 0 | 0 | 0 | 5,000,000 | 0 | 0 |
| TOTAL PLANT | | | | 0 | 0 | 100,000 | 10,100,000 | 110,600,000 | 100,000 | 100,000 |
| OFFICE BUILDING Madang | | | | 0 | 0 | 5,000,000 | 0 | 0 | 0 | 0 |
| HOUSING ACCOMMODATION | | | | 0 | 0 | 150,000,000 | 150,000,000 | 150,000,000 | 150,000,000 | 150,000,000 |
| RESEARCH & DEVELOPMENT | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| INTELLECTUAL PROPERTY | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CAPITALISED INTEREST | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BORROWING COSTS | | | | 0 | 0 | 0 | 0 | 0 | | |
| 0.00% | | | | | | | | | | |
| TOTAL CAPITAL EXPENDITURE | | | | \$0 | \$0 | \$1,149,234,517 | \$1,264,884,517 | \$1,477,334,517 | \$994,234,517 | \$994,234,517 |
| Plant A 100% | | | | 0 | | | | | | |
| Plant B 15% | | | | 0 | 0 | 100,000 | 10,200,000 | 120,800,000 | 120,900,000 | 121,000,000 |
| Plant C 12% | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buildings 4% flat | | | | 0 | 0 | 994,134,517 | 2,098,919,033 | 3,315,653,550 | 4,159,788,067 | 5,003,922,583 |
| Leases 0% | | | | | | | | | | |
| | | | | | | | | | | |
| Depreciation A | | | 100.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Depreciation B | | | 12.0% | 0 | 12,000 | 1,224,000 | 14,496,000 | 14,508,000 | 14,520,000 | |
| Depreciation C | | | 10.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Depreciation Building | | | 4.0% | 0 | 39,765,381 | 83,956,761 | 132,626,142 | 166,391,523 | 200,156,903 | |
| Total Depreciation | | | | 0 | 39,777,381 | 85,180,761 | 147,122,142 | 180,899,523 | 214,676,903 | |
| DEPRECIATING BALANCES | | | | | | | | | | |
| Year 1 Purchase | | | 12.0% | 100,000 | 88,000 | 76,000 | 64,000 | 52,000 | 40,000 | |
| Year 2 Purchase | | | 12.0% | | 10,100,000 | 8,888,000 | 7,676,000 | 6,464,000 | 5,252,000 | |
| Year 3 Purchase | | | 12.0% | | | 110,600,000 | 97,328,000 | 84,056,000 | 70,784,000 | |
| Year 4 Purchase | | | 12.0% | | | | 100,000 | 88,000 | 76,000 | |
| Year 5 Purchase | | | 12.0% | | | | | 100,000 | 88,000 | |
| Year 1 Purchase | | | 10.0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year 2 Purchase | | | 10.0% | | 0 | 0 | 0 | 0 | 0 | 0 |
| Year 3 Purchase | | | 10.0% | | | 0 | 0 | 0 | 0 | 0 |
| Year 4 Purchase | | | 10.0% | | | | 0 | 0 | 0 | 0 |
| Year 5 Purchase | | | 10.0% | | | | | 0 | 0 | 0 |
| Working capital ratios in sales-days for listed companies: | | | | | Stock | Debtors | Creditors | | | |
| Builders' suppliers | | | | | 55 | 51 | 36 | | | |
| Chemicals | | | | | 88 | 56 | 28 | | | |
| Food manufacturing | | | | | 56 | 38 | 37 | | | |
| Paper and packaging | | | | | 70 | 52 | 28 | | | |
| Retail | | | | | 49 | 4 | 22 | | | |
| Textiles | | | | | 107 | 62 | 29 | | | |
| Adopted: | | | | | | | | | | |
| Stock | Month Sales | | 2.7 | 2.4 | 2.2 | 1.5 | 1.5 | | 1.5 | |
| Stores | Month Sales | | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | | 0.1 | |
| Debtors | Month Sales | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | 1.0 | |
| Creditors | Month Sales | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | | 0.2 | |

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 |
| | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |

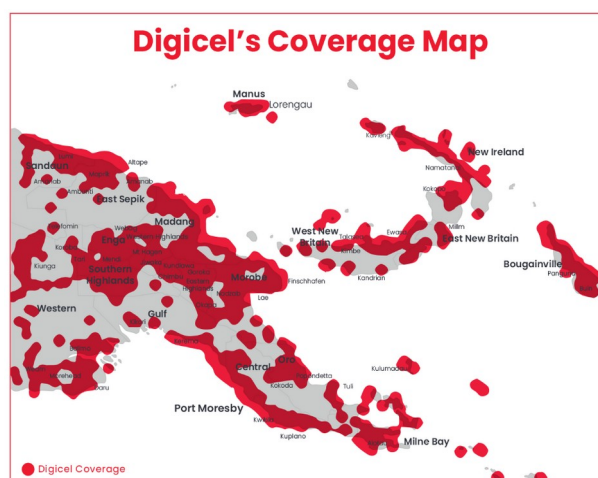
Research & Development taxation extra benefits have not been accounted for.

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

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

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 | 25Dec01 | 28Aug01 | 25Dec01 | 28Aug01 | INDEX | 30Oct06 | 2Jan04 | 31Jul02 | 30Oct06 | 2Jan 04 | 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 | Close | Close | Close | Close | Close | Close | Close | Close | Close | Close | Close | Close |
|-------------------------------------------------------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 1 Jan 25 | 1 Jan 24 | 6 Jan 23 | 16 Jan 22 | 3 Sep 20 | 31 Dec 19 | 31 Dec 17 | 31 Dec 16 | 31 Dec 15 | 31 Dec 14 | 31 Dec 13 | 31 Dec 12 | 31 Dec 11 |
| Dow Jones | 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 |
| (industrial average of 30 leading Wall Street stocks) | | | | | | | | | | | | | |
| Nasdaq | 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 |
| (composite index) | | | | | | | | | | | | | |
| Standard & Poor's 500 | 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 |
| (larger sample of businesses) | | | | | | | | | | | | | |
| 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. The obligor's capacity to meet its financial commitment on the obligation is very strong. |
| 'A' | 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. However, the obligor's capacity to meet its financial commitment on the obligation is still strong. |
| 'BBB' | 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.

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

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

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

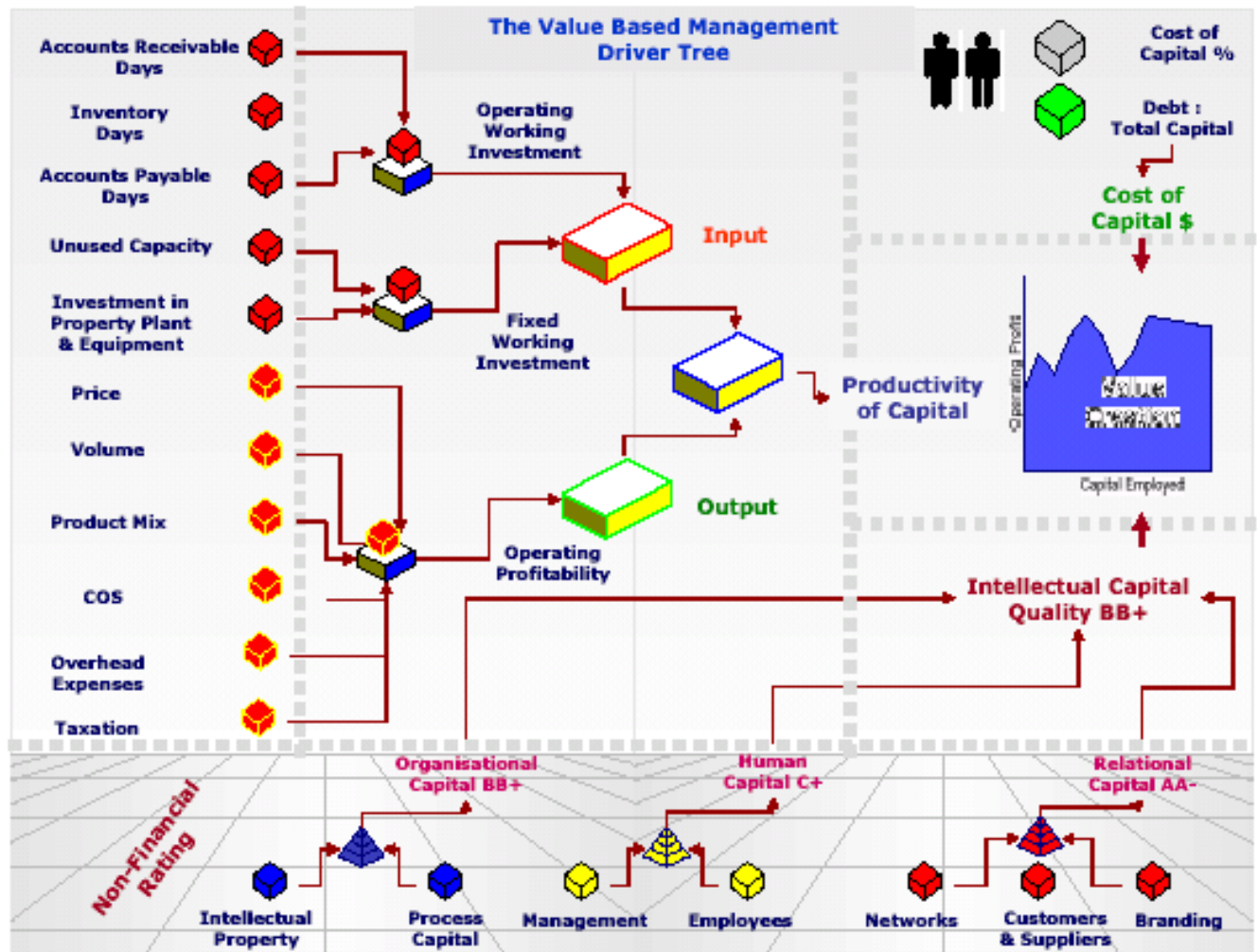
Free operating cash flow/total debt =
$$\frac{\text{Funds from operations minus capital expenditure, minus (plus) the increase (decrease) in working capital (excluding changes in cash, marketable securities, and short-term debt)}}{\text{Long-term debt plus current maturities, commercial paper, and other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

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

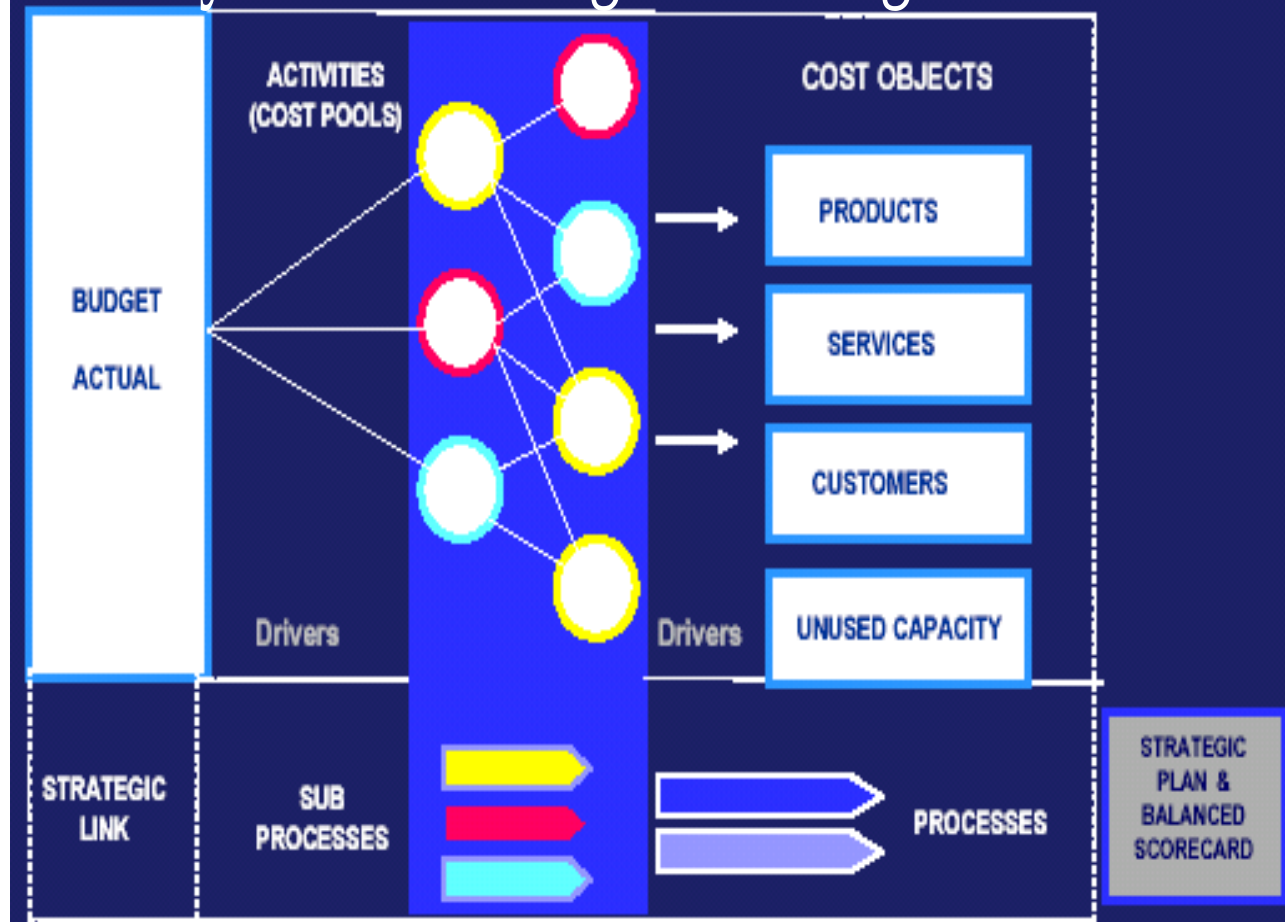
Operating income/sales =
$$\frac{\text{Sales minus cost of goods manufactured (before depreciation and amortisation), selling, general and administrative, and research and development costs}}{\text{Sales}}$$

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

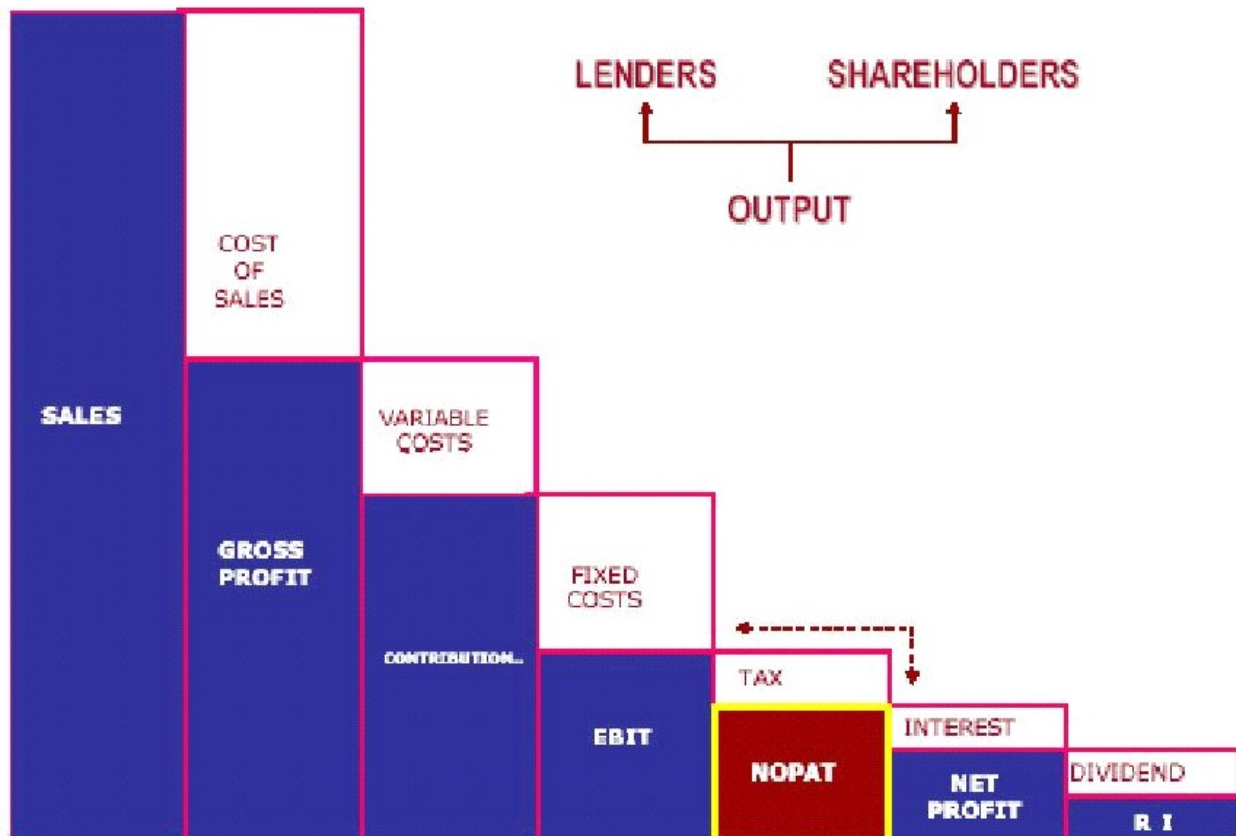
Total debt/capitalisation =
$$\frac{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings + shareholders' equity (including preferred stock) plus minority interest.}}$$



Activity Based Costing - A Strategic Framework

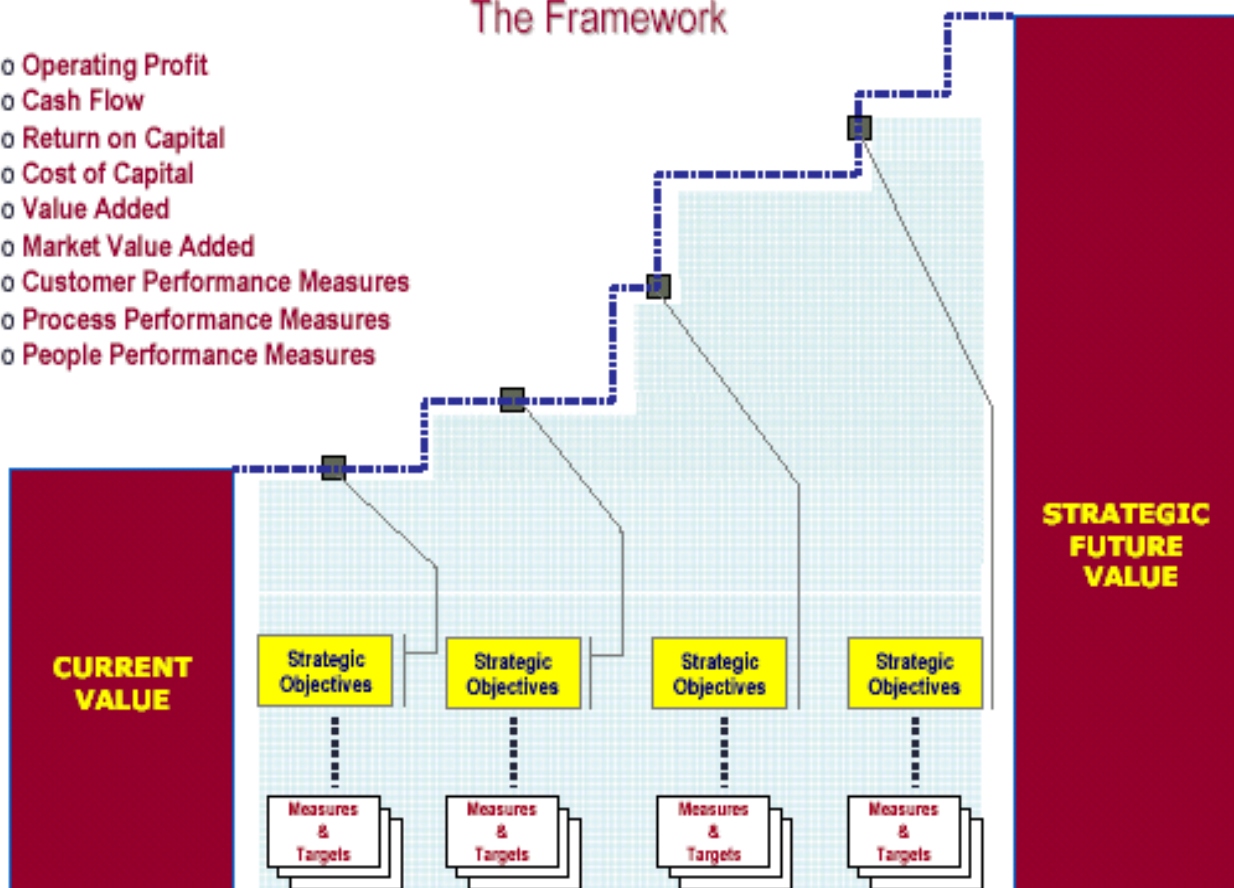


Net Operating Profit after tax, before interest



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 Bloombergs
beta factor industry loadings:

NOPAT =

WACC =

WACC benchmark - listed company

\$ = AUD 30 Jun

Net operating profit after tax (and before interest)

Weighted average cost of capital

9.8%

unlisted company 12.0%

NOPAT

Profit before depreciation

Depreciation

Profit before interest and borrowing costs

Less Taxation

NOPAT =

-\$18,143,821

214,676,903

-232,820,724

-69,846,217

-\$162,974,507

Valuation as Private Entity

Yield required

12.0%

###

Valuation as Private Entity

discounted back to

#REF!

#REF!

#REF!

#REF!

Valuation as Public Entity

Yield required

9.80%

###

Valuation as Public Entity

discounted back to

#REF!

#REF!

PE base

Adopted Value variance

#REF!

#REF!

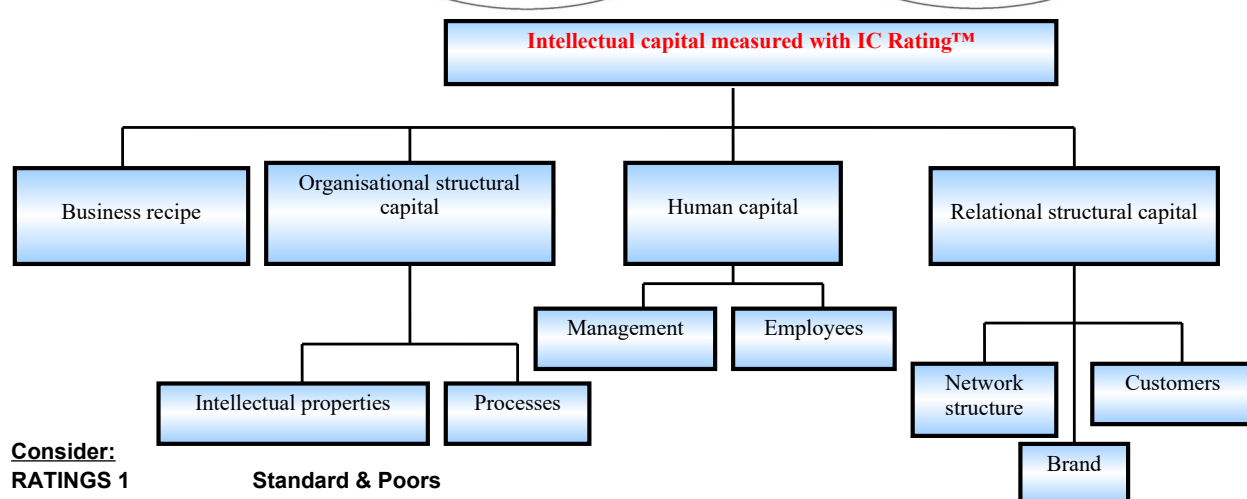
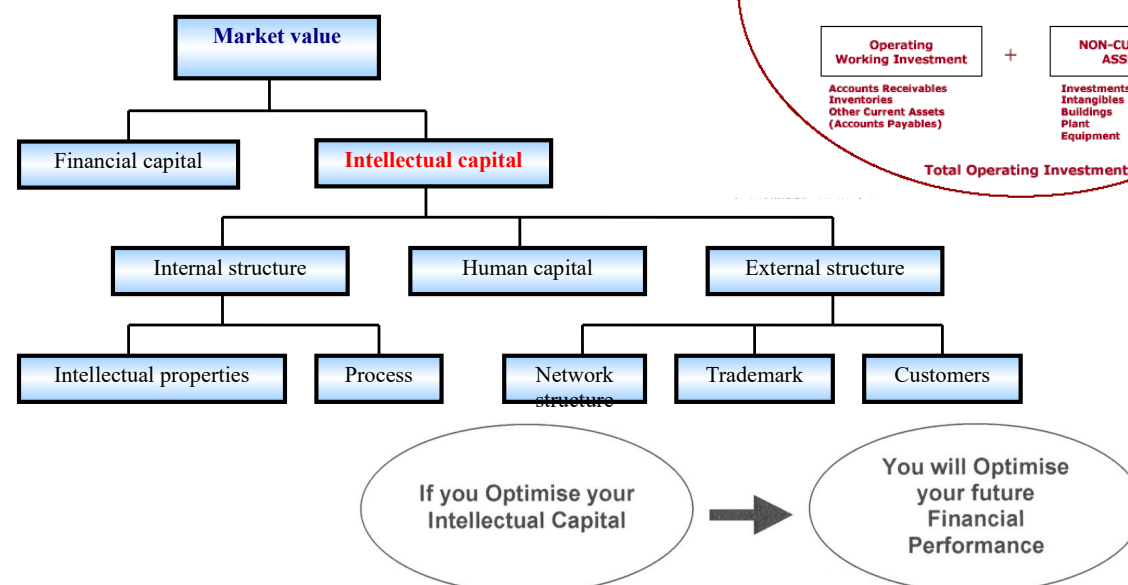
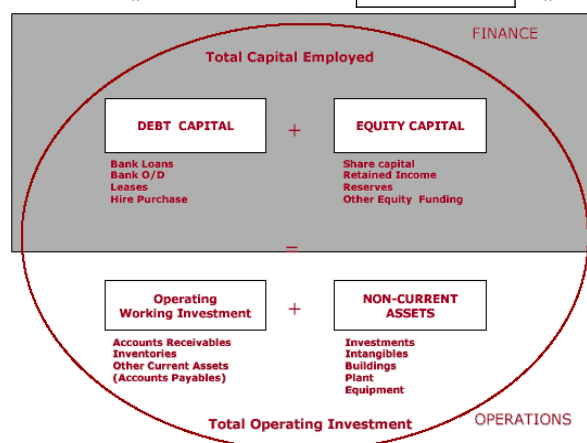
Annual requirement:

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



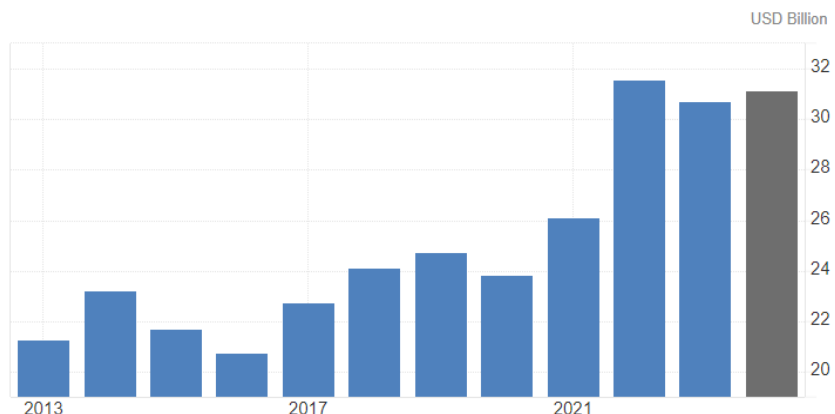
| PASCAS FOUNDATION (PNG) Inc | | \$ = AUD | | | | | | | | | | | | 17 | |
|----------------------------------|--|---------------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|---|
| MONTHLY CASH FLOW | | 30 Jun | | | | | | | | | | | | | |
| Sales Monthly | | AU\$1.00 = USD 0.65 | | | | | | | | | | | | | |
| | | PGK 2.50 | | | | | | | | | | | | | |
| | | TOTAL | Month 1 | Month 2 | Month 3 | Month 4 | Month 5 | Month 6 | Month 7 | Month 8 | Month 9 | Month 10 | Month 11 | Month 12 | |
| | | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 16.6% | 16.6% | 16.7% | 16.7% | 16.7% | 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 | | | | | |
| 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 | | | | | |
| Vanuatua 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 | | say \$110,000,000 | | | | |
| INITIAL PROGRAM | | budget per annum | | | | |
| | | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 |
| PROGRESSIVE ESCALATION THROUGHOUT PROVINCES | | 2026 | 2027 | 2028 | 2029 | 2030 |
| Pascas Paradise Villages | | 110,000,000 | 220,000,000 | 330,000,000 | 330,000,000 | 330,000,000 |

PASCAS FOUNDATION (PNG) Inc
ESTIMATED BUILDING COSTS SCHOOL

\$ = AUD 30 Jun 21

AU\$1.00 = USD 0.65 PGK 2.55

AU\$.38 = PGK 1.00

HIGH SCHOOL

TOTAL COMPLEX

Metres Metres Total M² \$ M²
Length Width Floor Area Cost
TO BUILD
A\$ Cost

| | | | | | | |
|-------------------------------------------------------------------|---------|----------|--|------------|---------|--------------|
| SCHOOL building per m2 | | | | | \$2,500 | |
| 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 | \$2,500 | \$49,500,000 |
| Sporting fields and grounds | | | | | | 2,500,000 |
| Total School Campus to be developed | | students | | 3,000 | | |

| | | | | |
|------------------------------------------------|----|--------|---------|--------------|
| TOTAL BUILDING STRUCTURES | M² | 19,800 | \$2,626 | \$52,000,000 |
| (Cordell based estimates can be improved upon) | | | | |

SITE WORKS

| | | | | |
|---------------------------------------------------|--------|----|-----|-----------|
| Site Filling | 20,000 | M³ | 50 | 1,000,000 |
| spaces circulation | | 2 | | |
| Parking Areas | 200 | 15 | 297 | 4,452 |
| per car space | | 5 | 3 | 14.84 |
| Site works | | M² | 800 | 100 |
| | | | | 80,000 |
| Sporting Fields | 20,000 | M³ | 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% | 3,120,000 |
| Contingency | | | 5% | 2,600,000 |

TOTAL CONSTRUCTION

\$67,285,200

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

\$73,285,200

RENTAL BUDGET

19,800 M² \$370.13 M²
10.0% pr anm \$7,328,520



PASCAS FOUNDATION (PNG) Inc
ESTIMATED BUILDING COSTS TAFE
Technical And Further Education
TAFE
TOTAL COMPLEX

CRAFT CREATIONS
 Metres Length Metres Width Total Floor Area
 \$ = AUD 30 Jun 22
 AU\$1.00 = USD 0.65 PGK 2.55
 AU\$.38 = PGK 1.00
 \$ M² TO BUILD
 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 |
| 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 Metres Total M² \$ M² TO BUILD
Length Width Floor Area Cost 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 M² 33,000 \$3,276 \$108,100,000
(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% | | 6,486,000 |
| Contingency | | | | 5% | | 5,405,000 |

TOTAL CONSTRUCTION **\$129,556,200**

LAND COSTS 100,000 M³ 200 20,000,000

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 **\$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 | | | | \$26,300,000 |
| 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 | | | | 19,250,000 |
| TOTAL HOSPITAL DEVELOPMENT COSTS | | | | \$313,437,840 |
| 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 | | | | \$336,237,840 |
| 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 | | | | \$379,224,002 |
| BUFFER | { buffer offset against interest + provision } | | | 20,775,998 |
| FUNDING STRUCTURE | | | | \$400,000,000 |



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 |
| | spaces | circulation | | 2 | | |
| Parking Areas | 20 | 15 | 30 | 445 | 100 | 44,520 |
| | per car space | 5 | 3 | 14.84 | | |
| Site works | | | M ² | 800 | 100 | 80,000 |
| 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 |

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
\$5,132,520
RENTAL BUDGET

 0 M²

10.0% pr anm

 M²

\$513,252


 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 | | | | |
|------------------------------------------|--|--------------------|-----------|------|------|------|
| | | 2022 | 2022 | 2022 | 2022 | 2022 |
| Bachelor of Accounting | | | \$135,600 | | | |
| Bachelor of Information & Communications | | | \$111,840 | | | |
| Bachelor of Psychology | | | \$108,480 | | | |
| Bachelore of Nursing & Midwifery | | | \$82,920 | | | |
| Master of Teaching | | | \$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 |
| Cumulative whilst at foreign university | | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| 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 |
| | | 1,000 | 2,000 | 3,000 | 3,600 | 3,800 |
| 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 | | \$67,000,000 | \$134,000,000 | \$201,000,000 | \$244,000,000 | \$263,000,000 |

PASCAS FOUNDATION (PNG) Inc
ENTERPRISE AGREEMENT WAGE STRUCTURE

\$ = AUD 30 Jun
 AU\$1.00 = USD 0.65

28

| GENERAL OPERATIONS | Annualised Daywork | Weekly | Hourly Overtime |
|---------------------------|-----------------------|--------|--------------------|
| 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

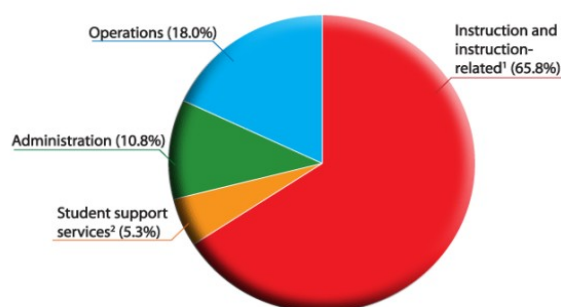
| SHIFT PLATFORM | Day 7am-3pm | Night 3pm-11pm | Morning 11pm-7am |
|-----------------|----------------|-------------------|---------------------|
| Shift Allowance | \$0.00 | \$7.00 | \$14.00 |

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

| | |
|----------------------|-------|
| WORKERS COMPENSATION | 2.50% |
|----------------------|-------|

| AVERAGE WAGE Specialist | Base \$26,520 | On-Costs 20% | TOTAL \$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**

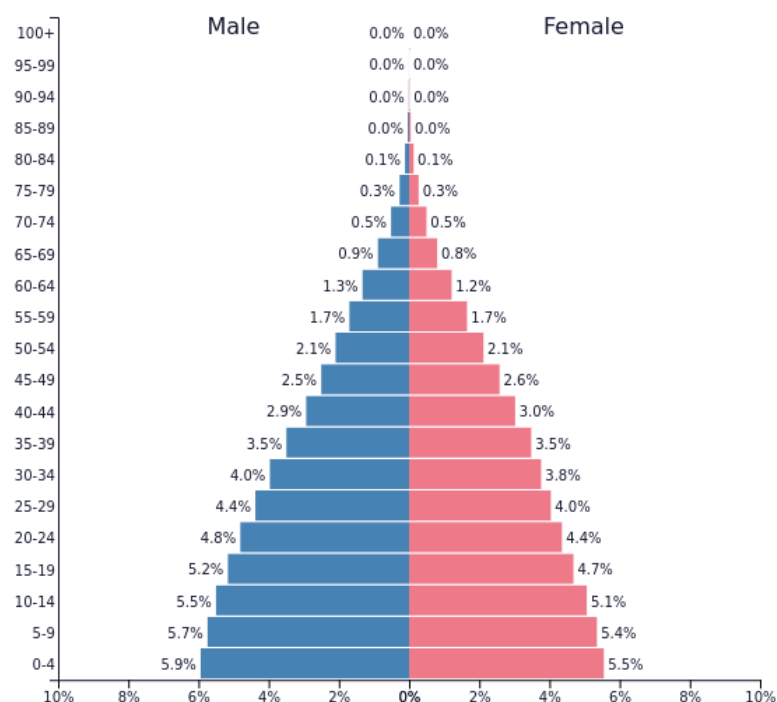
Predictions for the population of Papua New Guinea are 11,671,424 in 2030, 13,376,160 in 2040, and 14,906,590 by 2050.

| | |
|----------------|-----|
| 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**.

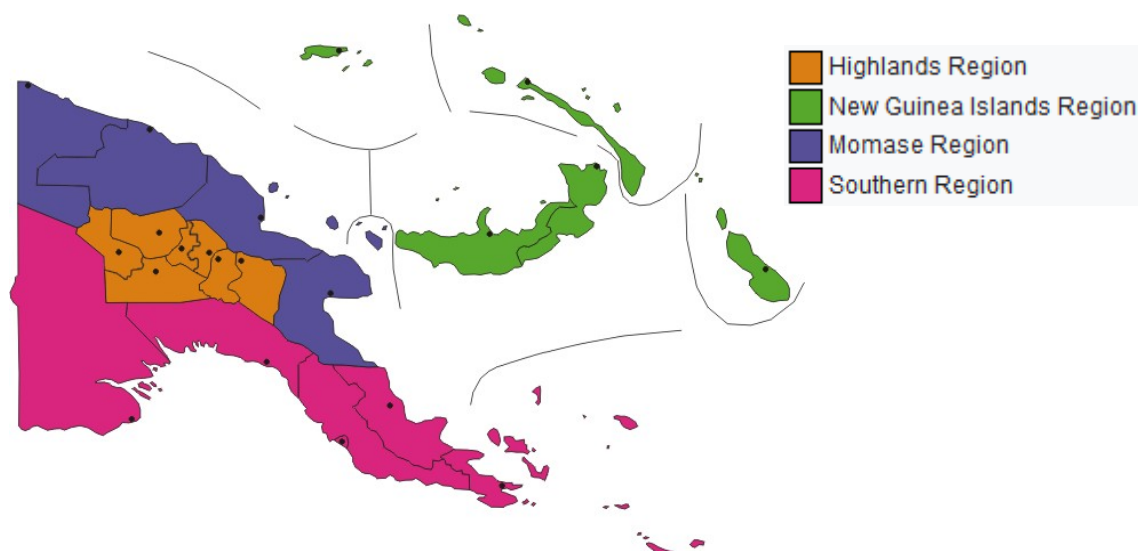
Gross domestic product USD 30.63 billion (2022)

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 MoC 100 MoC 200 | | Population in severe untruth poverty |
|-------------------------------------------------------------------------------------|---------------------|--------------------------------------|--------------|-----------------------------|---------------------------------------|------------------------------------------|--------------------------|-----------------------------------------------|
|  | 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 / Kapiago.

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 | \$795 | \$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 | 150,000,000 | 150,000,000 | 150,000,000 | 0 | 0 |

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.

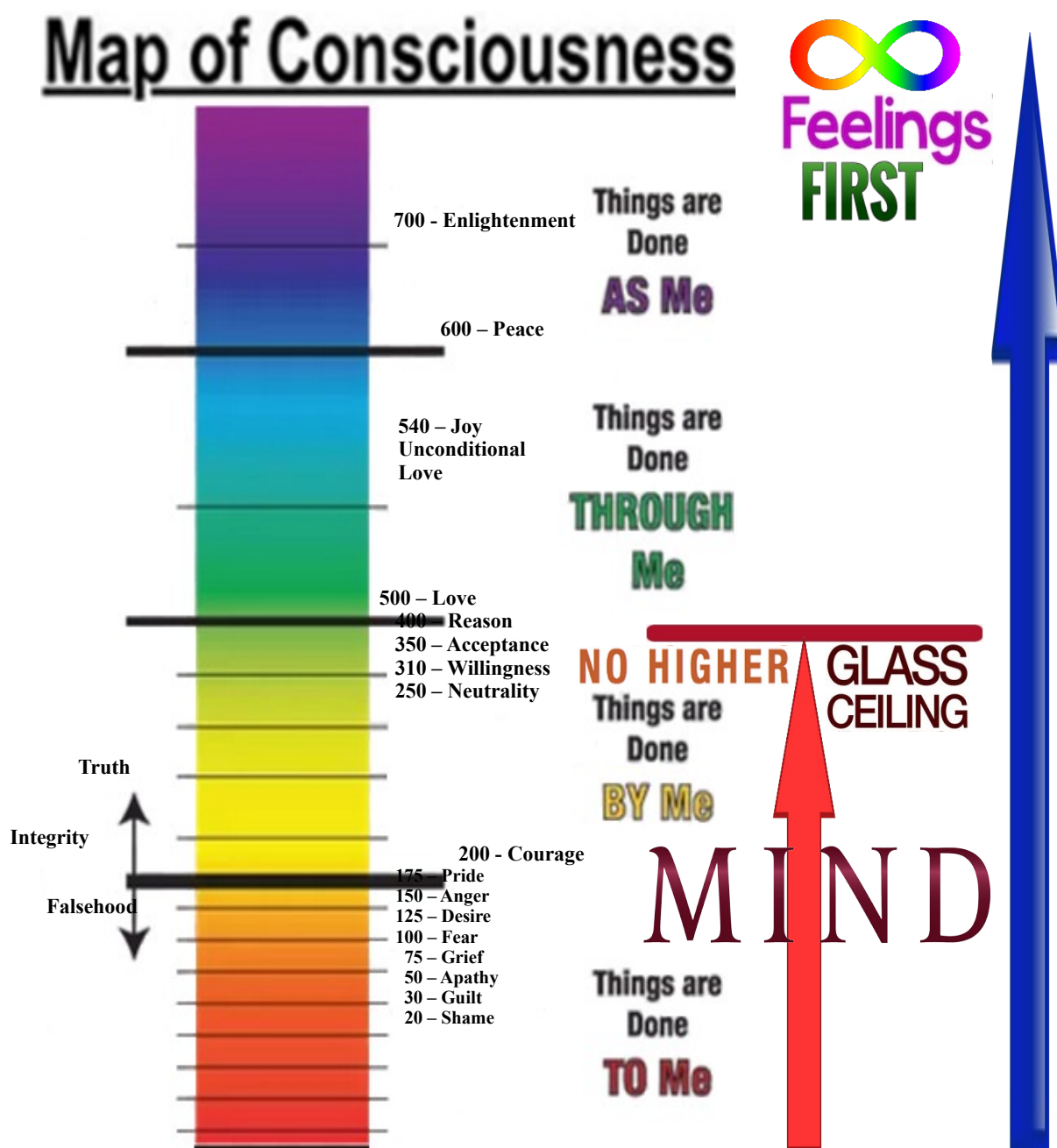
Totally self-reliant, not God reliant.

Fear dominates all motivation.

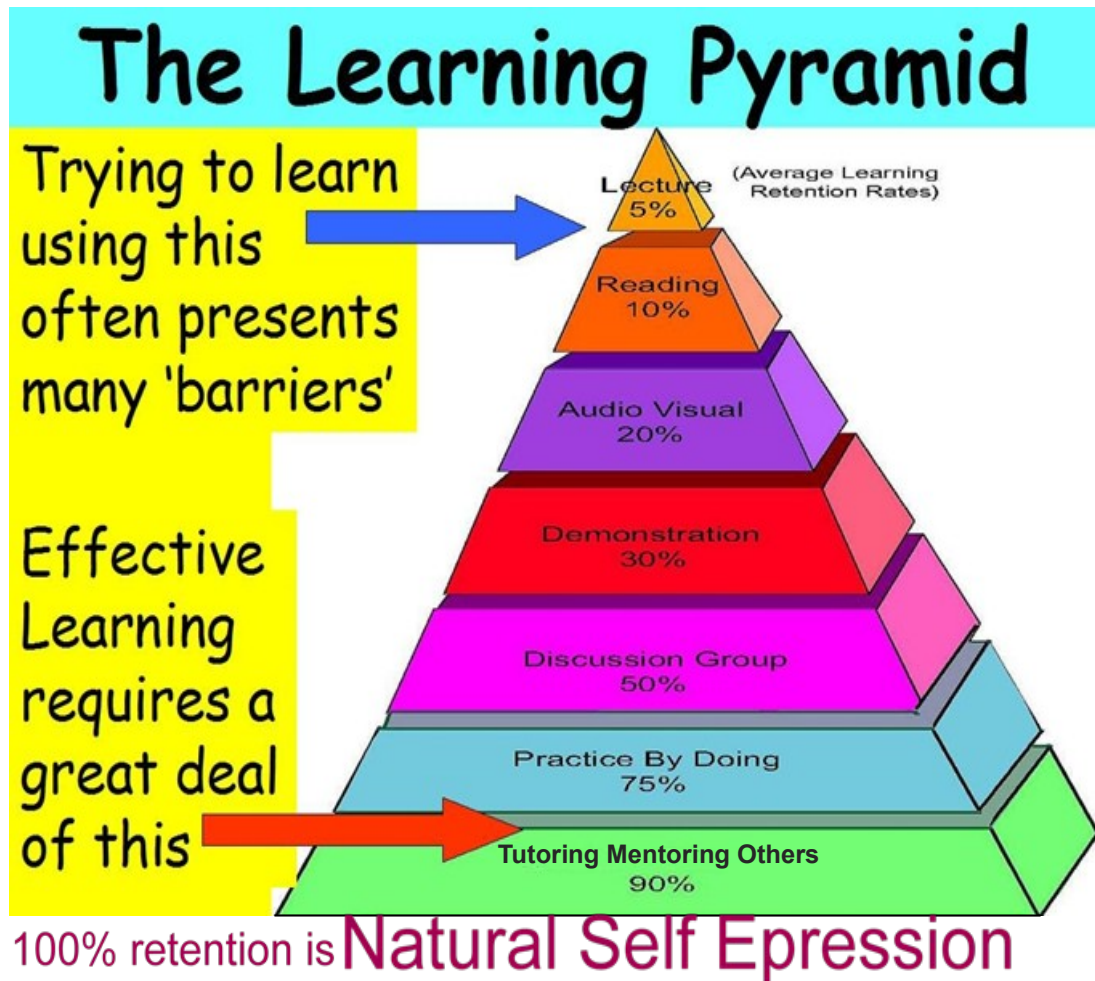
Suicide is possible and probable.

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

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



| 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% |

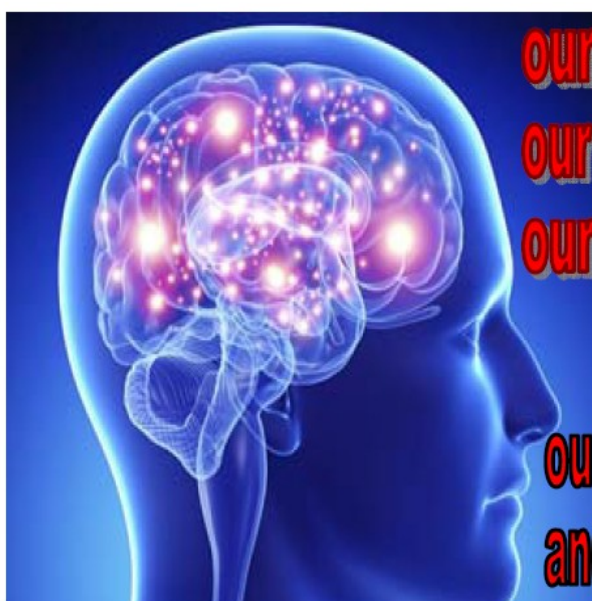


| WORLDWIDE relationship of MoC calibration with Life Experiences Life Expectancy, Development, Happiness, Education, Income | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|-------------------------|-------------------------|-----------------|-----------------|------------------------|
| 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!

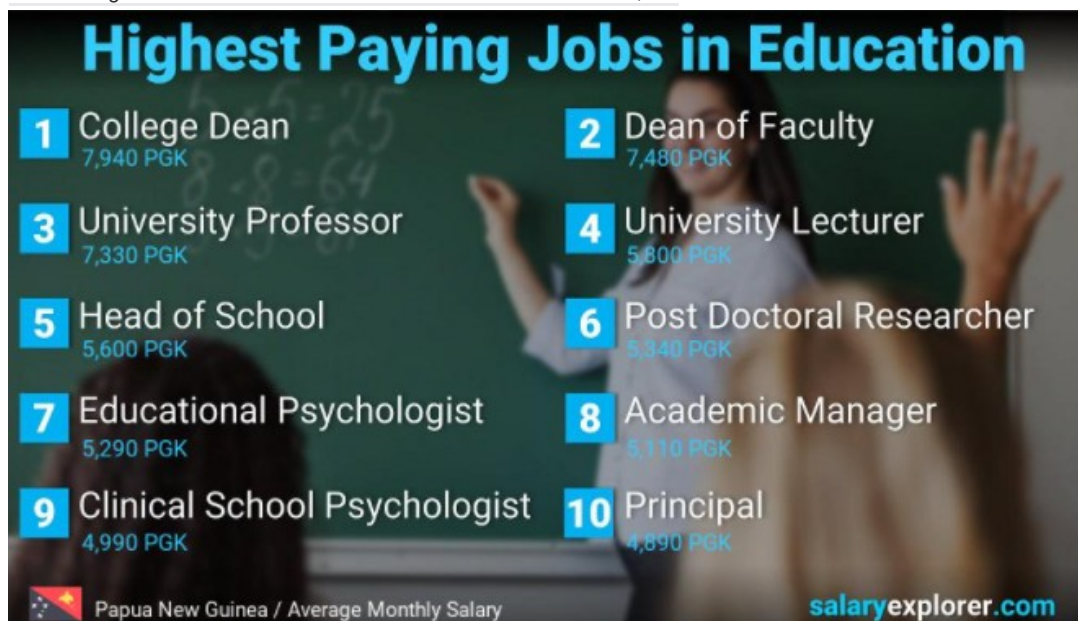
all we need is WITHIN.
our MIND suppresses FEELINGS.

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 |



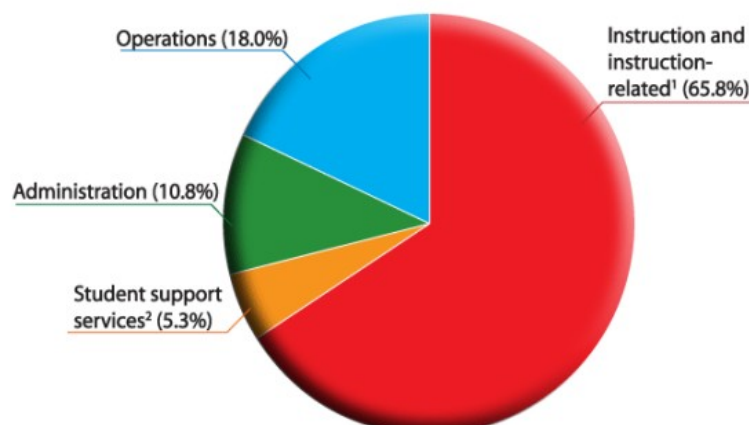
The starting salary of Secondary School Teacher is **between K 23,639.00 and K 27,810.00** whereas the maximum salary range is between K 42,230.00 and K 48,565.00. The average hourly pay of Secondary School Teacher is K 15.60. The maximum hourly wage is between K 16.50 and K 19.00.

The starting salary of Primary School Teacher is **between K 893.00 and K 1,050.00** whereas the maximum salary range is 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

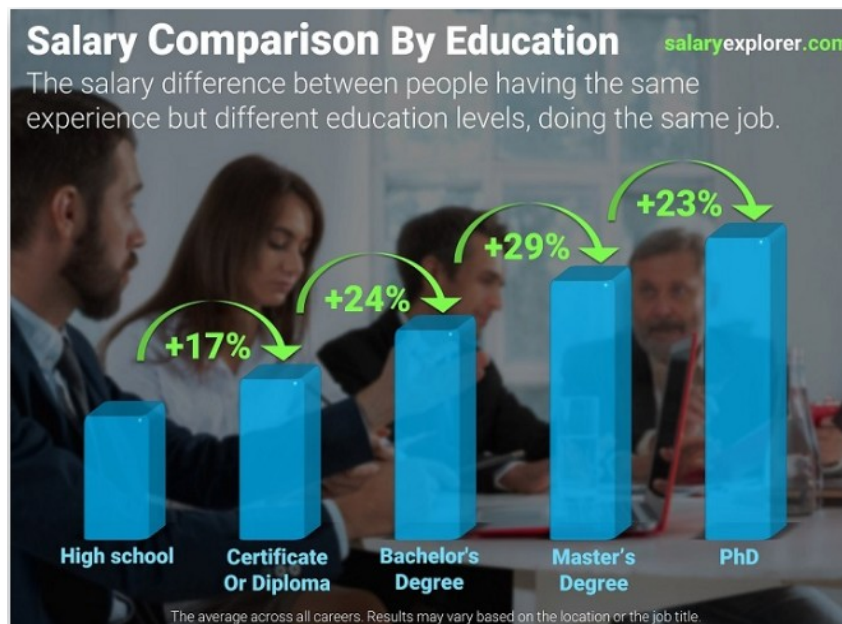
\$4,988.00 USD

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 |



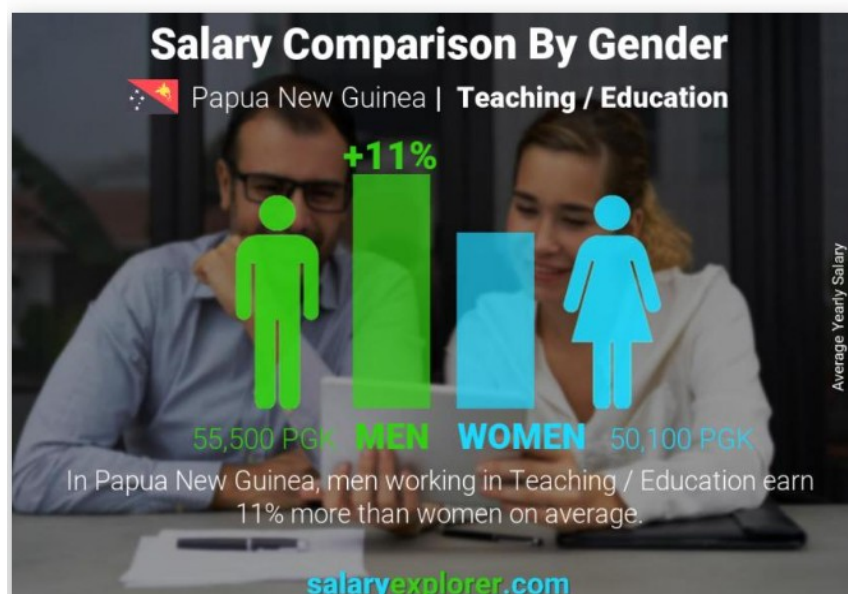
Average Yearly Salary

52,300 PGK

(4,350 PGK monthly)



Teaching / Education Salary Comparison By Gender

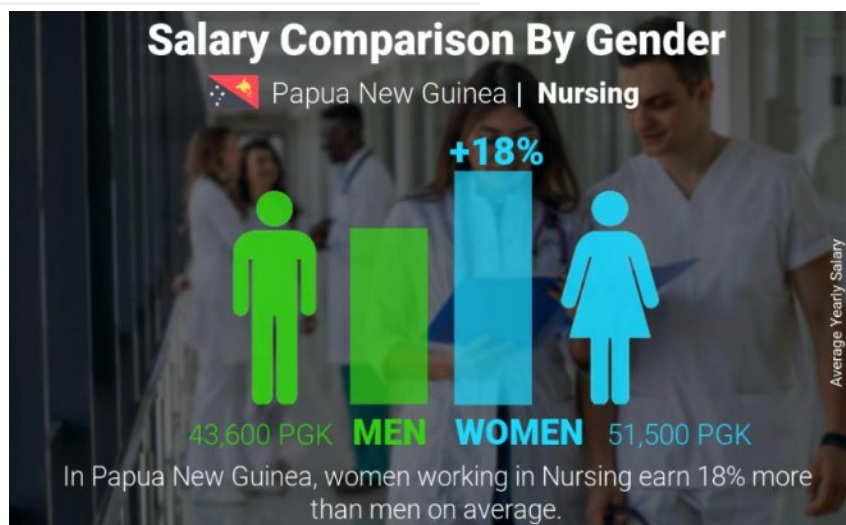


| | |
|----------------------|------------|
| Male | 55,500 PGK |
| Female ▼ -10% | 50,100 PGK |
| Private Sector | 45,300 PGK |
| Public Sector ▲ +14% | 51,700 PGK |

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 |

PNG WAGES DOCTORS

AU\$1.00 = USD 0.65

<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 - Psychiatry | 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 | | |



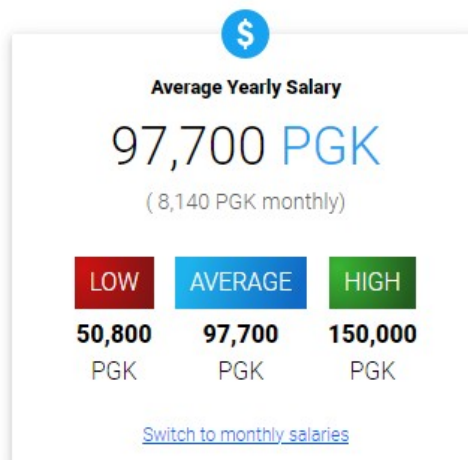
Dentist



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.

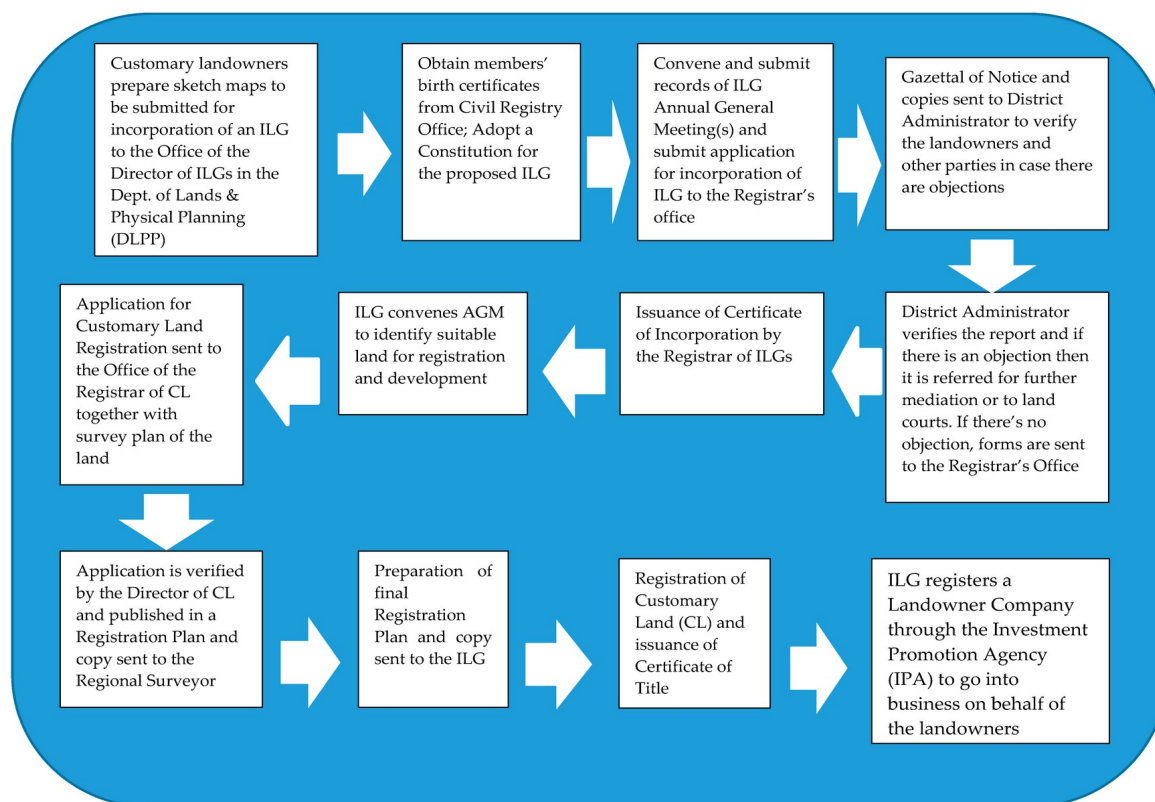
Some of the tensions surrounding the use of customary land for public purposes might be reduced if land were leased from owners rather than acquired outright through alienation. This would ensure that future generations also receive benefits, similar to those enjoyed in other lease arrangements between 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
without services.

however:

1 acre typically yields

4 home sites

1 hectare typically yields

10 home sites

Road frontage small home site

PGK 100,000

Without road frontage small home site

PGK 50,000 being AUD

\$20,000

Holding
and selling
costs

Inflation
Discount
Factor
8.00%

Cash Flow
received

Typically yield

Home sites sales

Lot Gross

10% Net

\$18,000

year 0

0

-

-

16,560

-

year 1

1

\$20,000

\$2,000

\$18,000

15,235

\$15,235

year 2

0

-

-

14,016

-

year 3

1

20,000

2,000

18,000

12,895

12,895

year 4

0

-

-

11,863

-

year 5

1

20,000

2,000

18,000

10,914

10,914

year 6

0

-

-

10,041

-

year 7

1

20,000

2,000

18,000

9,238

9,238

year 8

0

-

-

8,499

-

year 9

1

20,000

2,000

18,000

7,819

7,819

year 10

0

-

-

7,193

-

year 11

1

20,000

2,000

18,000

6,618

6,618

year 12

0

-

-

6,089

-

year 13

1

20,000

2,000

18,000

5,601

5,601

year 14

0

-

-

5,153

-

year 15

1

20,000

2,000

18,000

4,741

4,741

year 16

0

-

-

4,362

-

year 17

1

20,000

2,000

18,000

4,013

4,013

year 18

0

-

-

3,692

-

year 19

1

20,000

2,000

18,000

3,396

3,396

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

Is it necessary to pay compensation?

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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.

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P.16 / 256

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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.

| 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 **\$40,000,000**

\$135,000,000 therefore: **TARI / DAULI PROGRAM** **\$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</u> of humanity |
| | 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</u> mission |
| | 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</u> of Peace and the healing of Rebellion and Default |
| | Possible further Material Pair to complete the Adam and Eve <u>upliftment</u> of humanity |
| | <u>All</u> of humanity 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 conditionals, 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.



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).

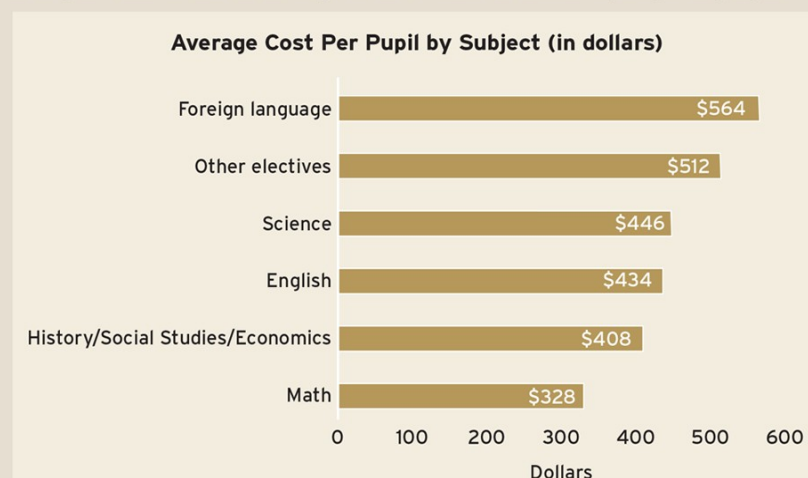
UNIVERSAL SOUND TO LETTER CODE

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 & trea**sure**: 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)

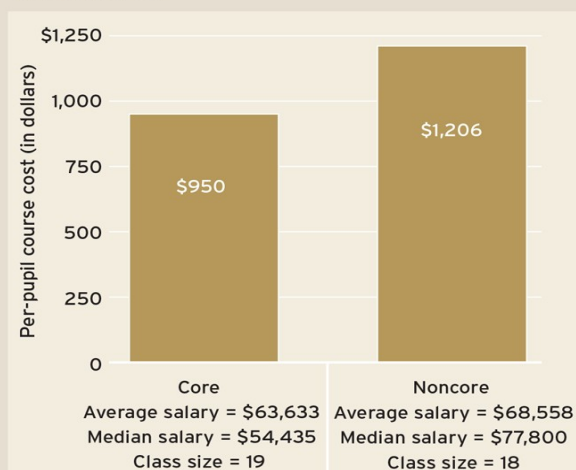
In one small western district, math courses per student cost only 75 percent as much as English courses and about 60 percent as much as courses in foreign languages.



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.

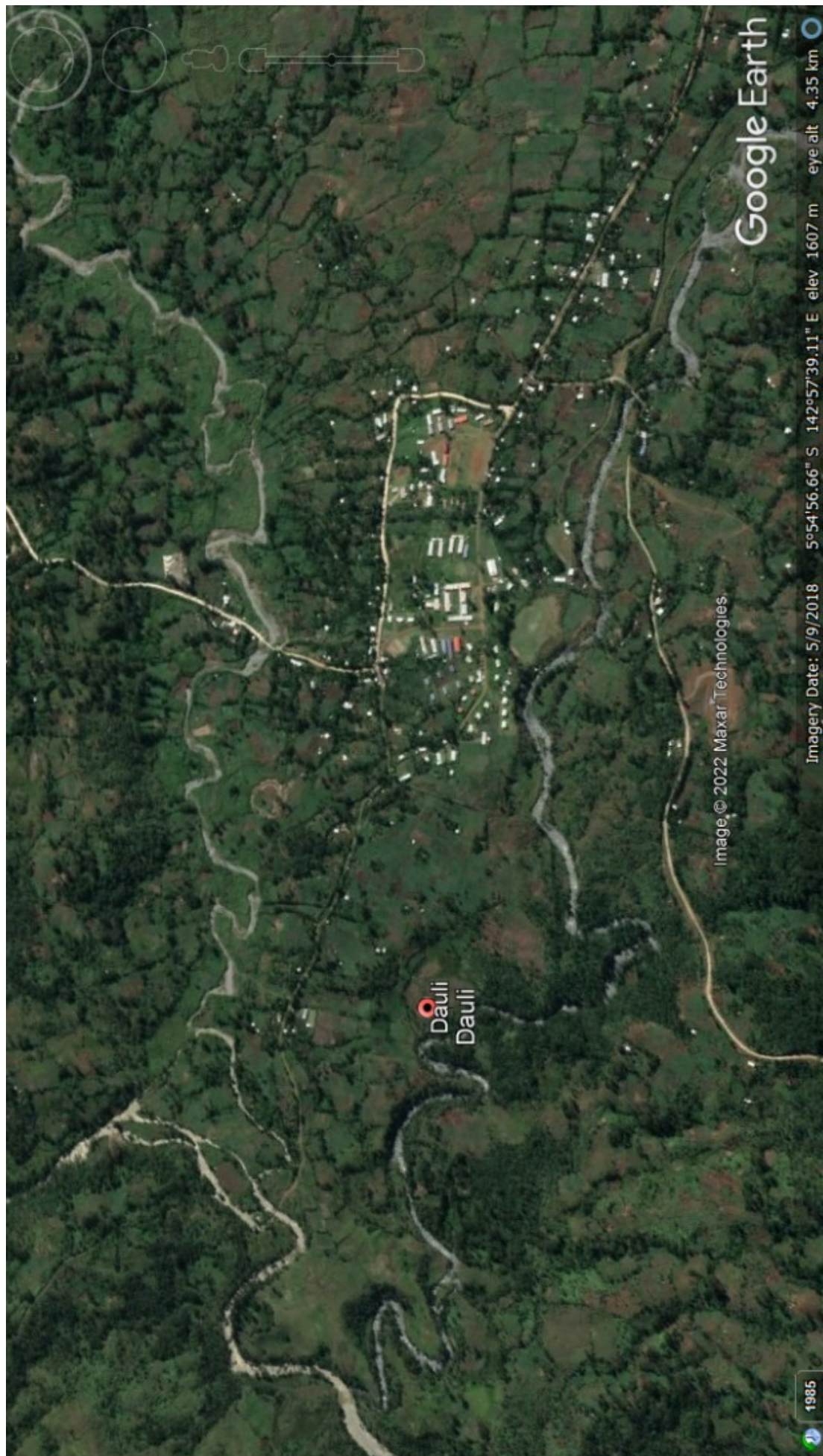
– Jagriti Misra

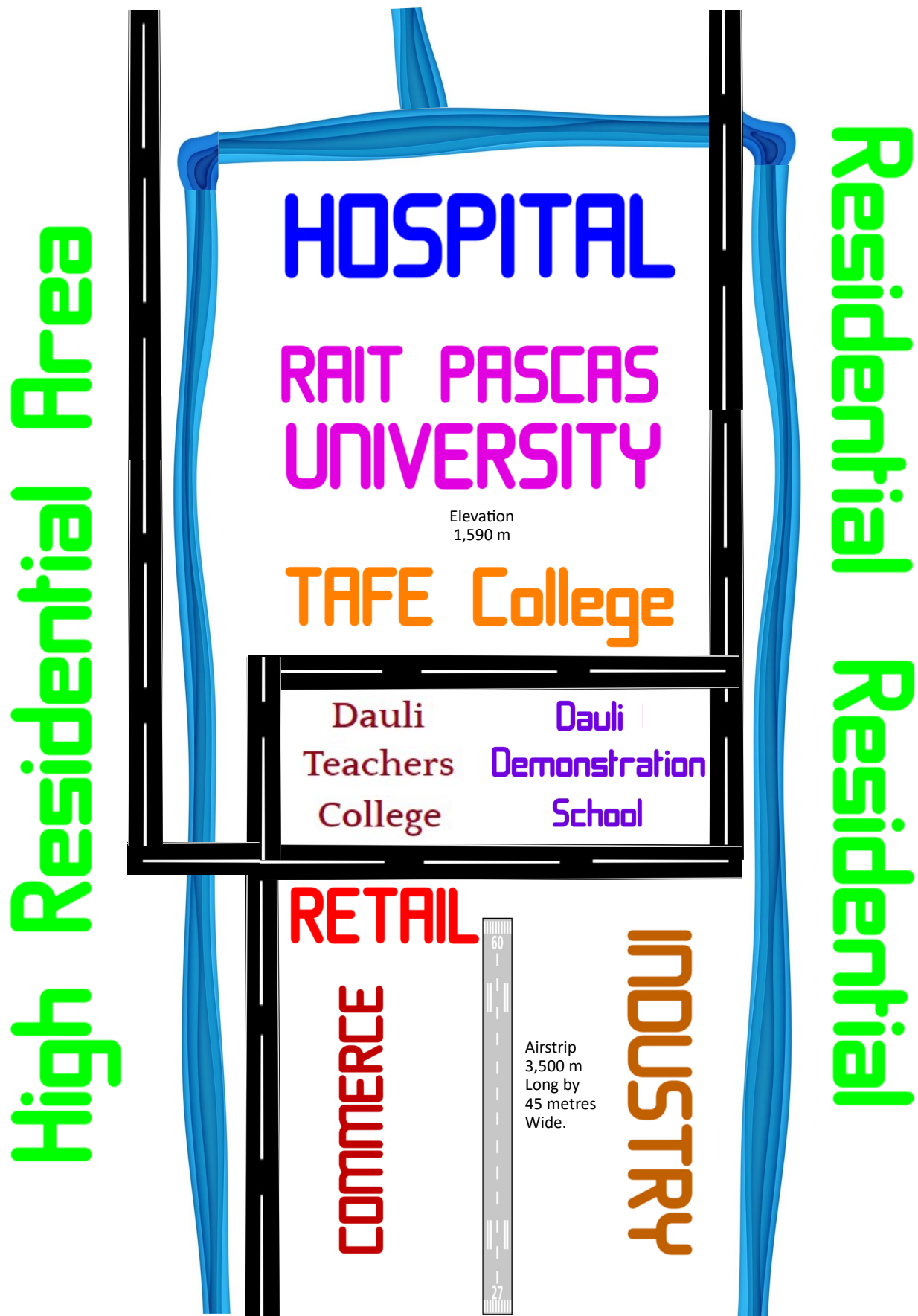


Dauli Teachers College School Fees

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









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


 Year 8


\approx Year 9

∞ Year 4

% Year 5

 Year 6

 Year 1

 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

x^2 Year 10

Δ Year 11

\sqrt{y} Year 12

\leq Year 7

pencil Year 8

\approx Year 9

PRIMARY SCHOOLS

Yrs K - 6

campus

2,000 to

4,000

consider individual campuses of

600 students each

∞ Year 4

$\%$ Year 5

apple Year 6

dots Year 1

hand Year 2

\pm Year 3

KINDERGARTEN

PRE-SCHOOL

100 children each

PRE SCHOOL

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



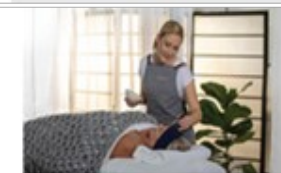
Business, justice
and management



Community
services



Hospitality and
cookery



Beauty and
hairdressing



By location



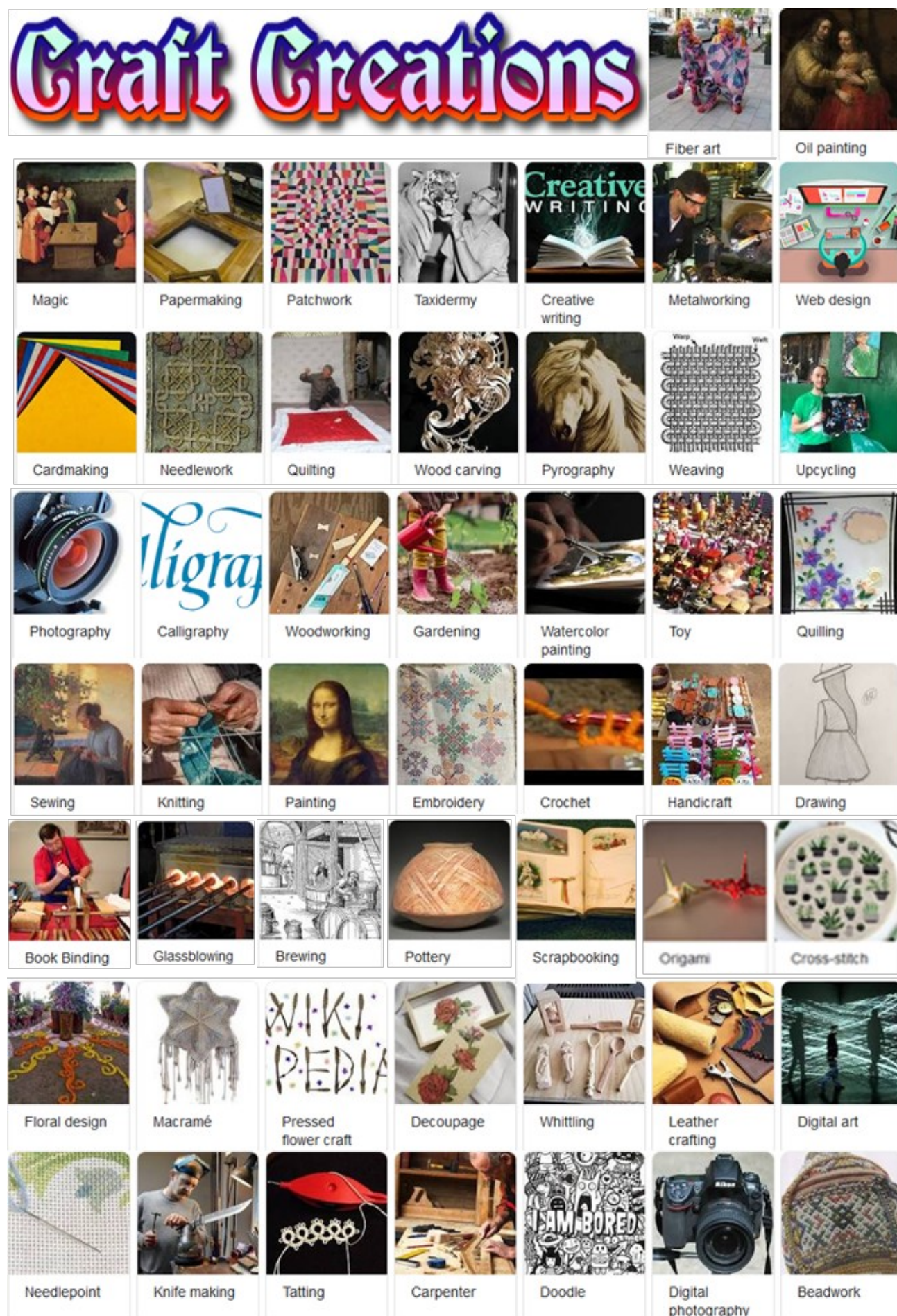
Online courses

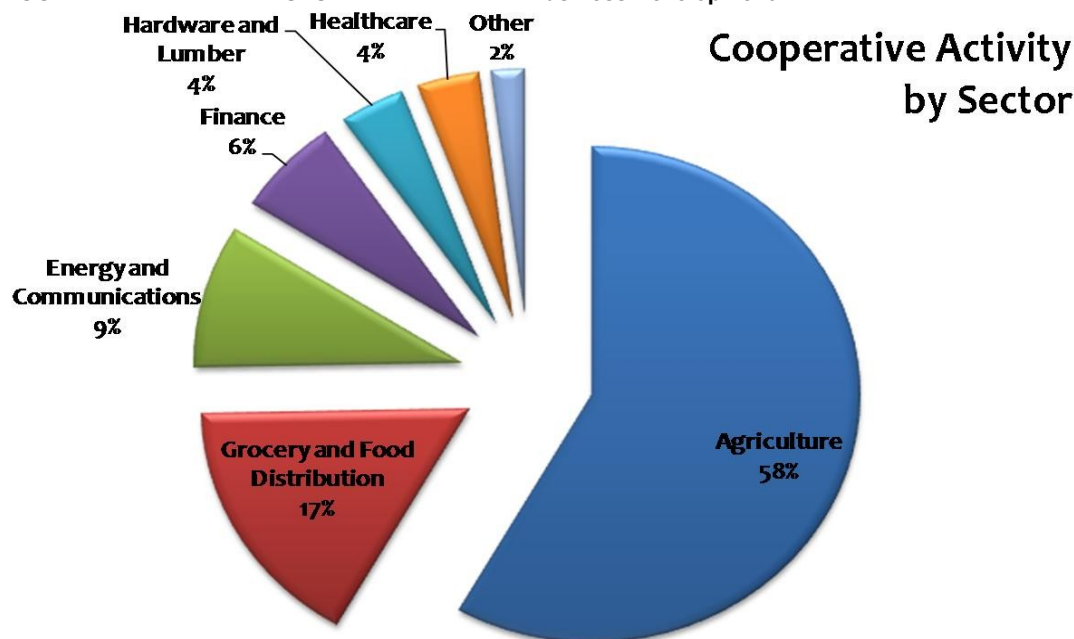


Apprenticeships



TAFE at School





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 (MONDRAGON 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



10 VEGETABLES
that **PACK MORE PROTEIN THAN MEAT**



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.

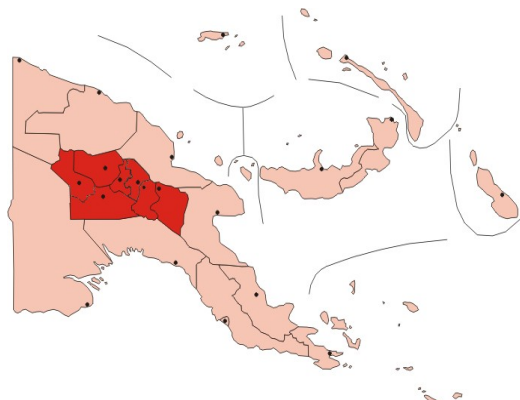
Funding availability per quarter AU \$40,000,000

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

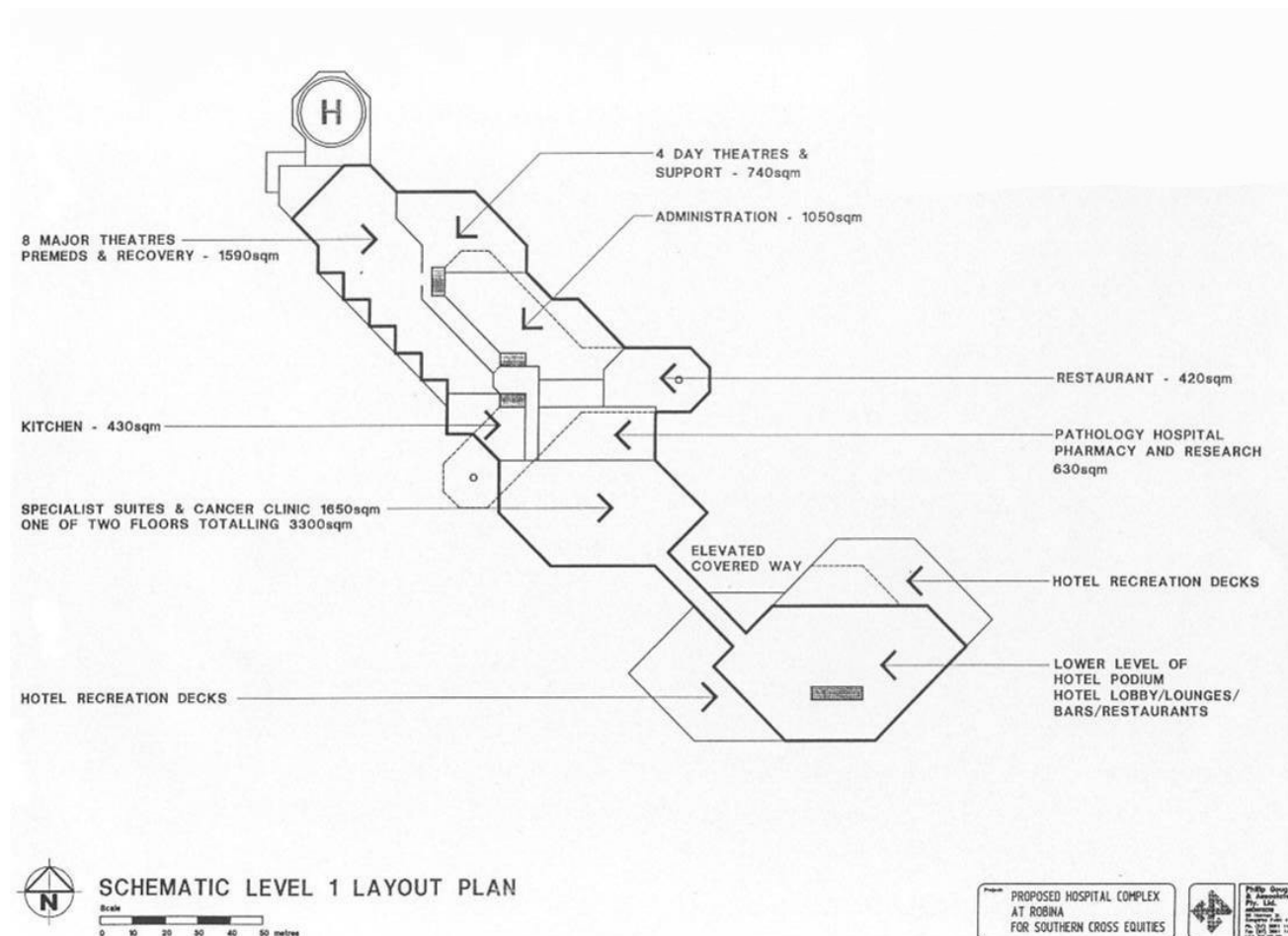
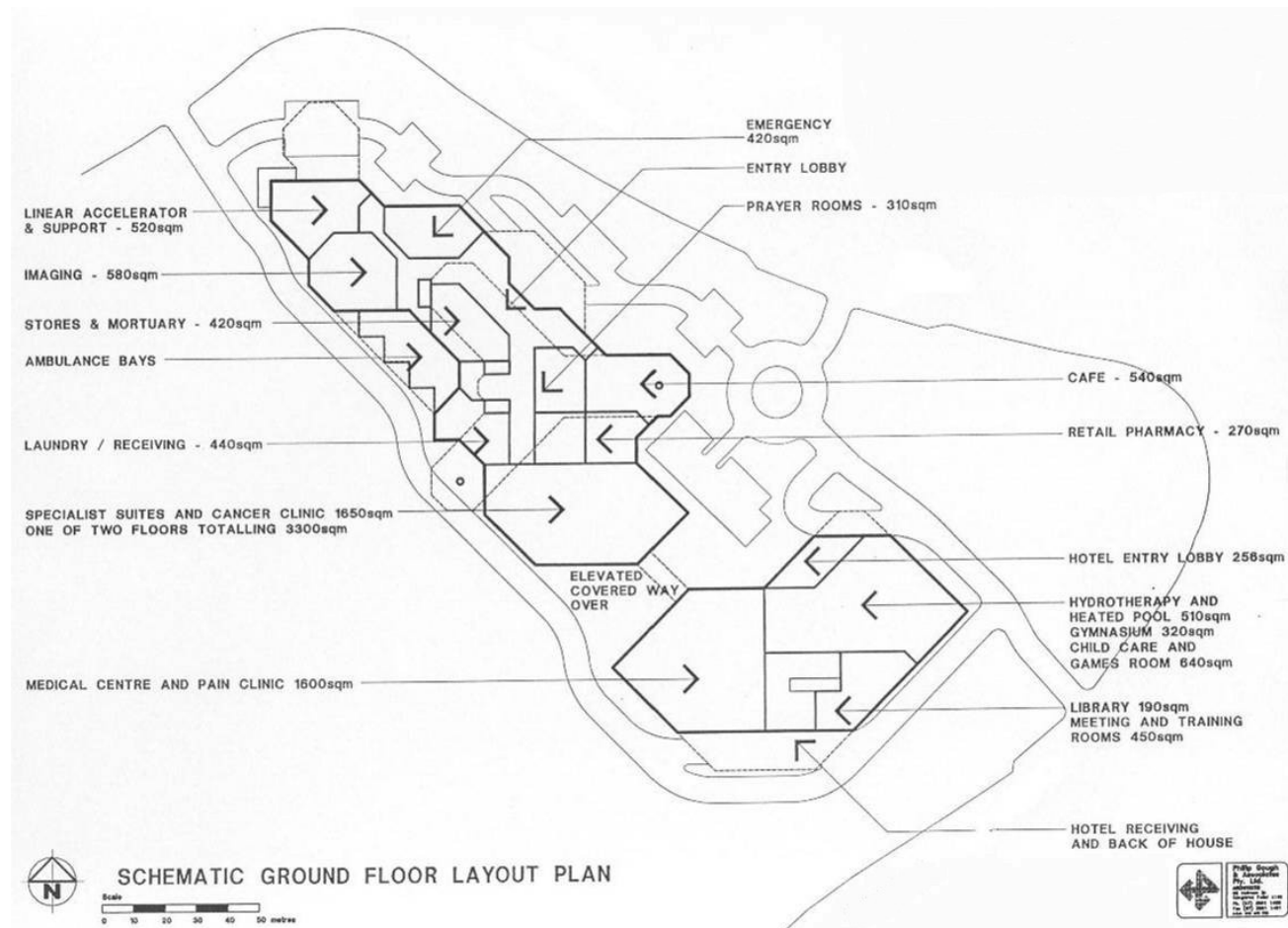
Master plan of Sunshine Coast, Queensland, University:

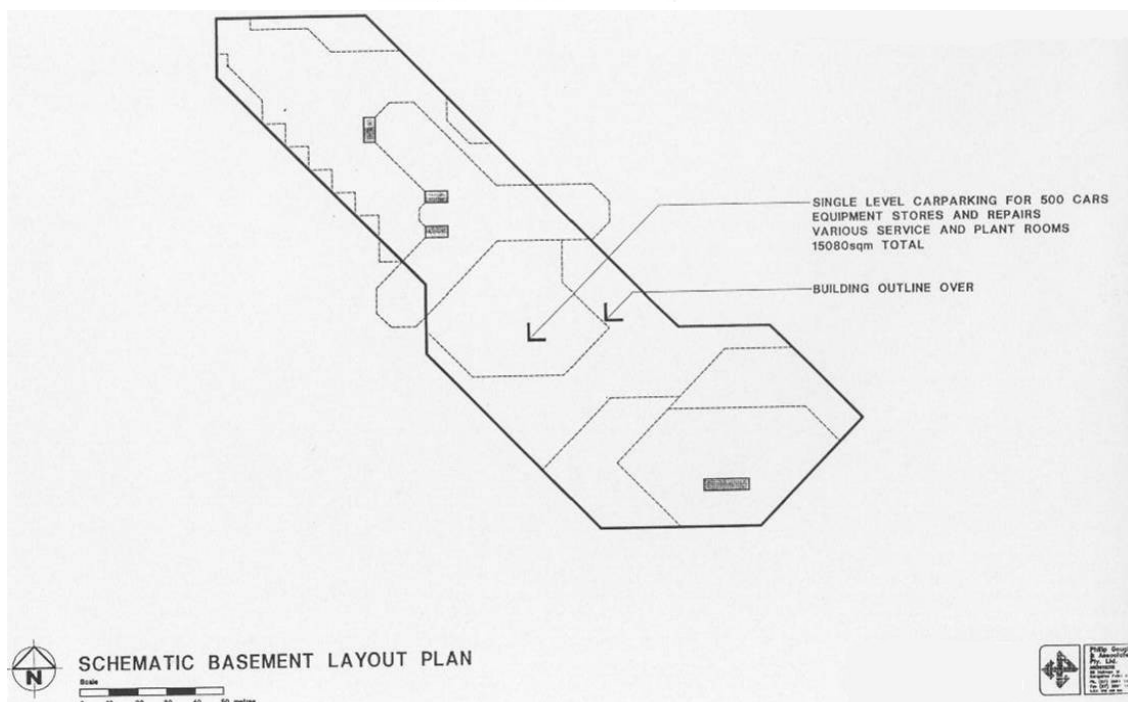
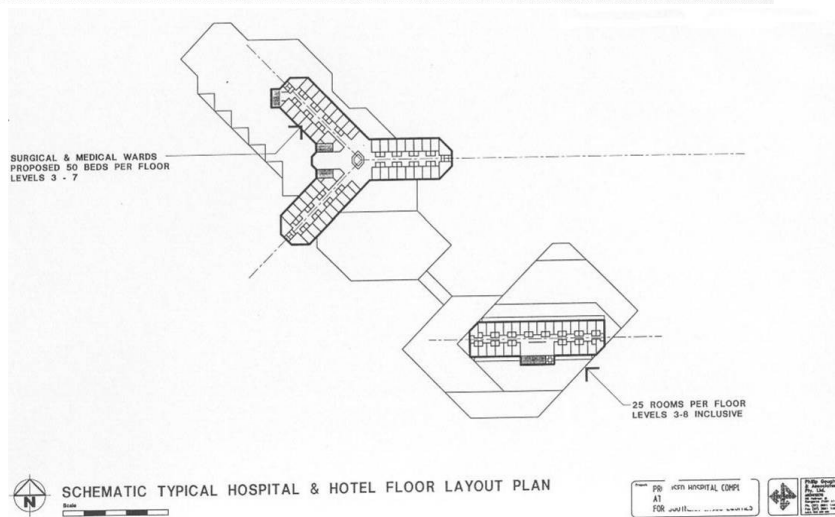
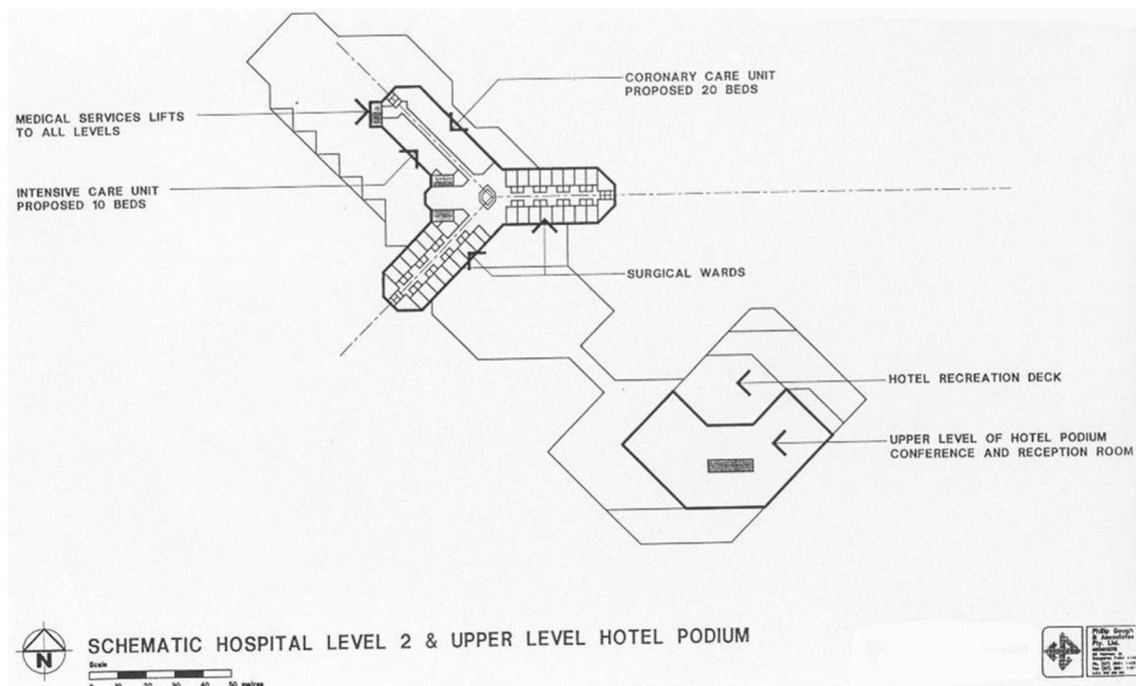




| | | | | | | |
|--------------------------------|---------|-------------|----------------------|---------------------|-------|--------------|
| | | | Acres with surrounds | hectares | | |
| Cricket field | | 3.30 | | 1.50 | | |
| Football field | | 1.32 | | 1.00 | | |
| Soccer | | 2.00 | | 1.00 | | |
| Athletics | | | | 2.00 | | |
| Tennis / Netball / Basket Ball | | | | 1.00 | | |
| Olympic Swimming Pool | | | | 1.00 | | |
| Park and grounds | | | | 2.00 | | |
| | | | | | | hectares |
| Budget per hectare | develop | \$1,500,000 | Total | 9.50 | Allow | 10.00 |
| | | | | Developmental Costs | | \$15,000,000 |







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

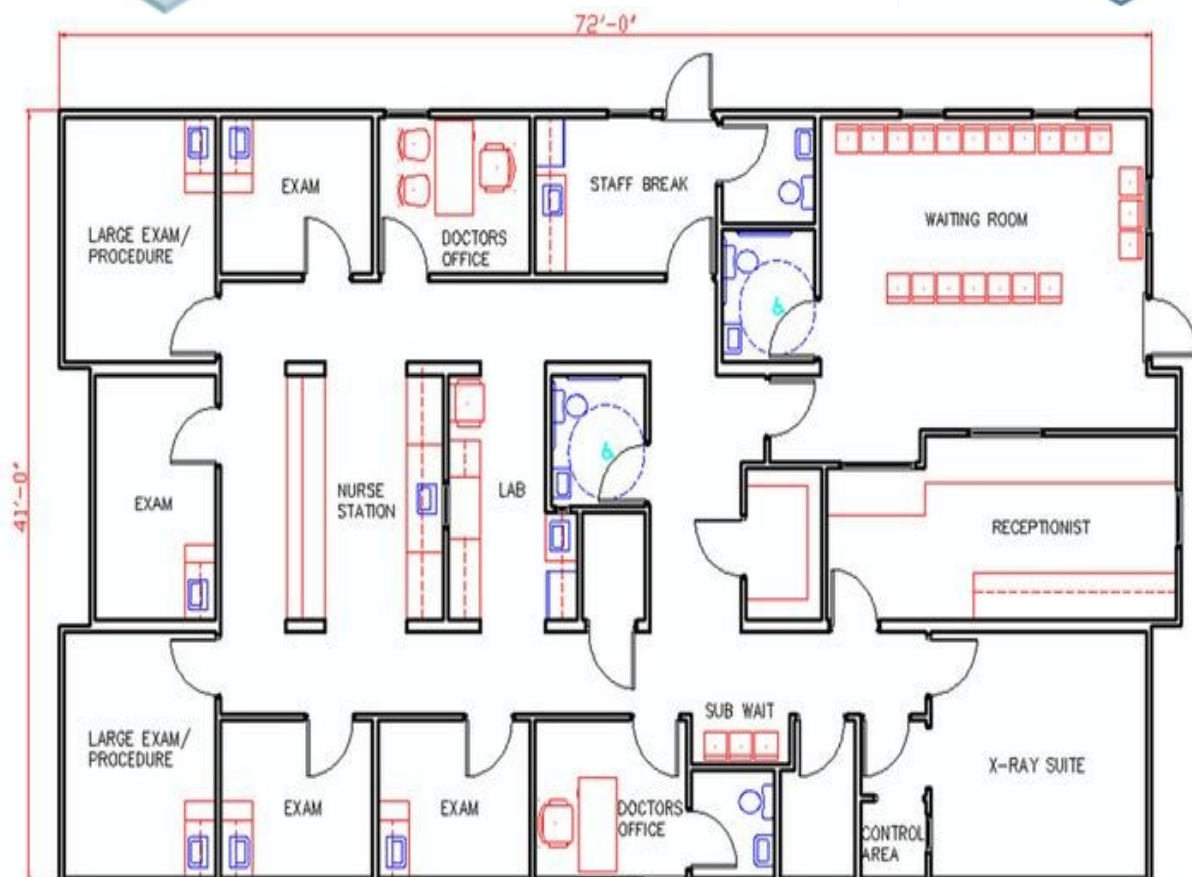
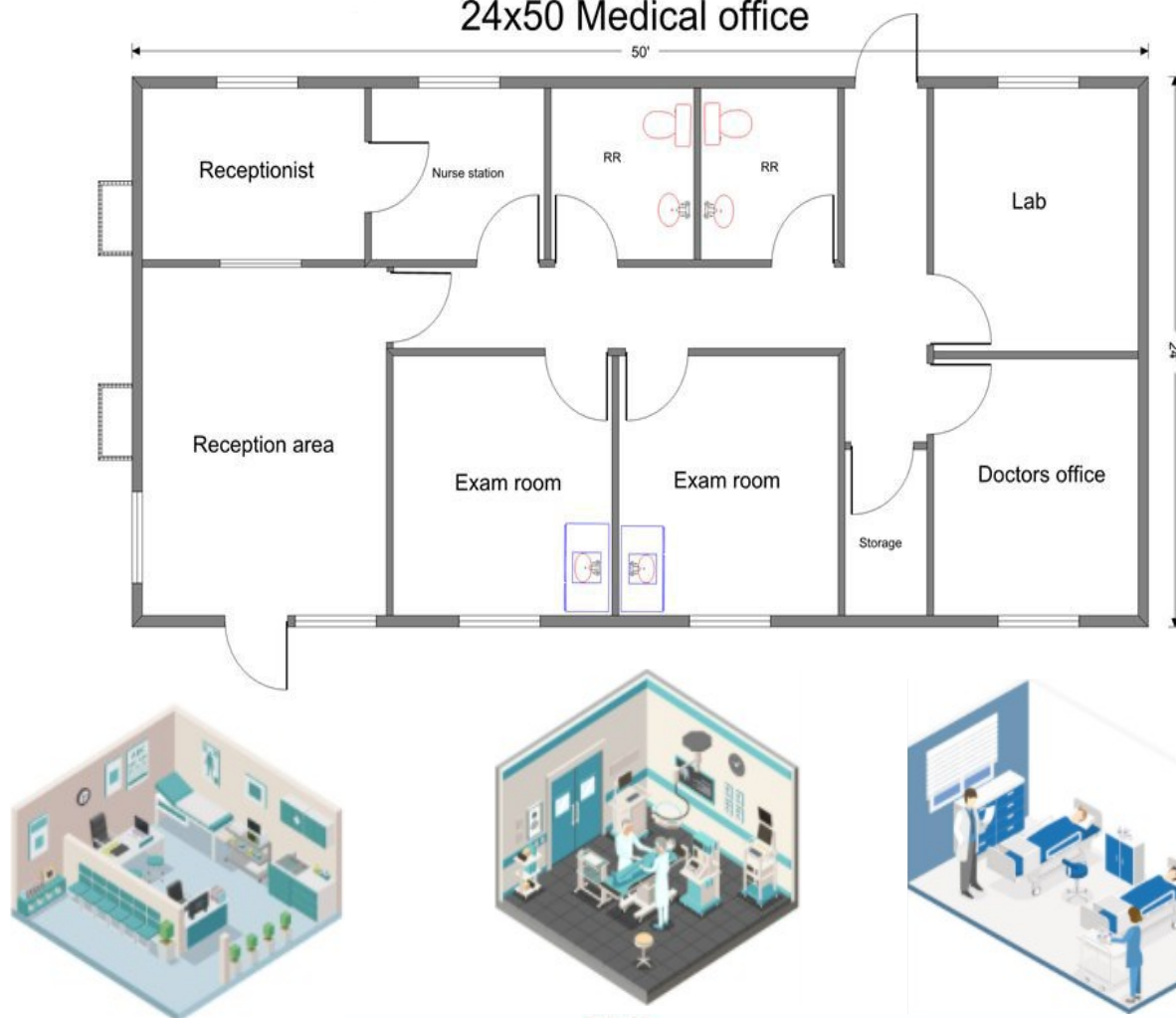
LOA: 60.00 metres WOA: 22.0 Height: 18. Draft: 2.60 metres
Patient Beds: 80 (wards)
Medical Staff Accommodation: 42 Berths
Ship's Crew Accommodation: 24 Berths

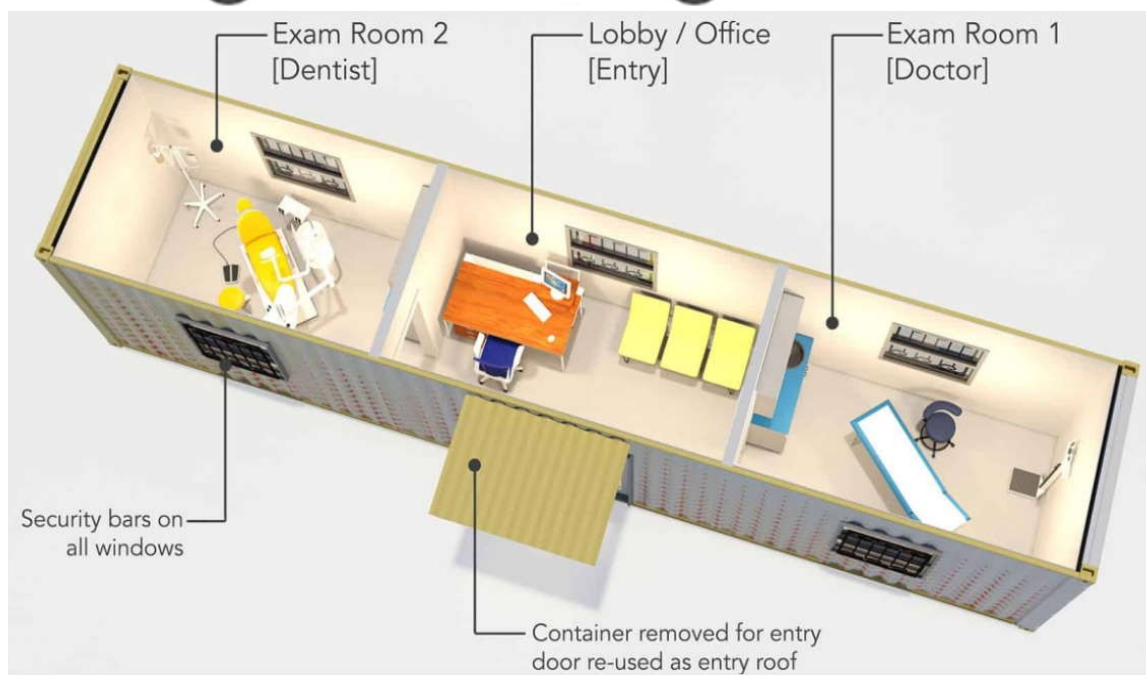
Vessels Levels

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

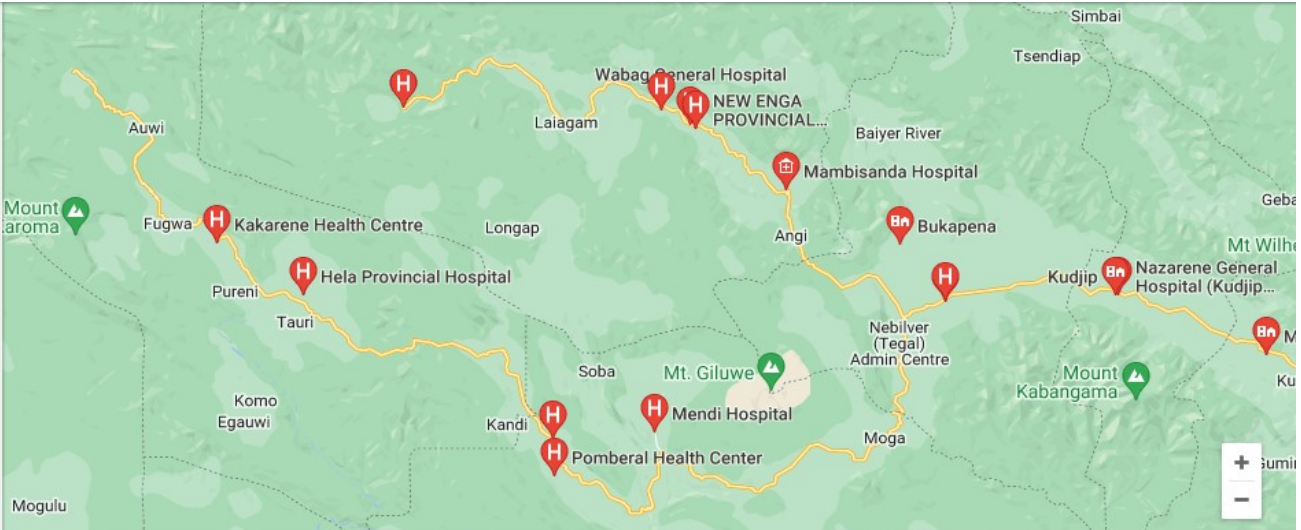
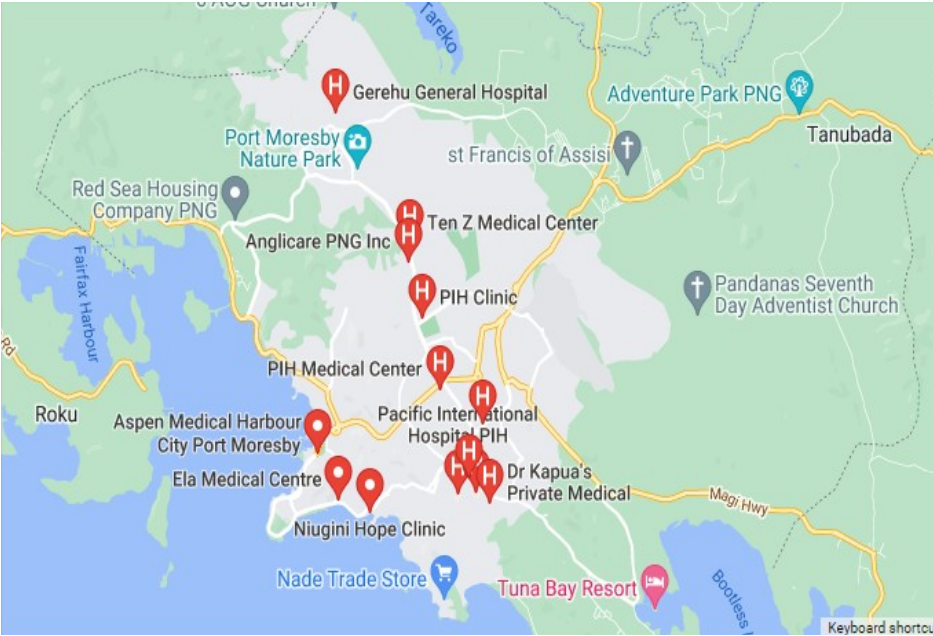
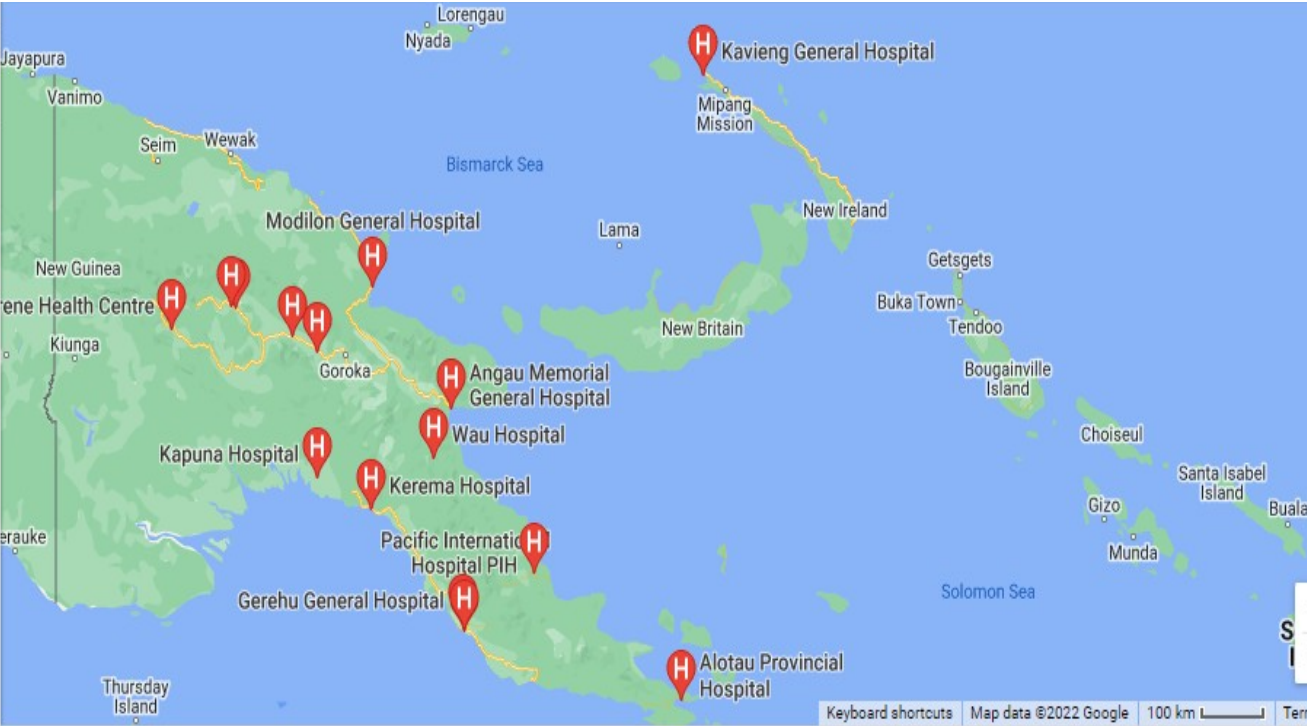
Budget AU \$50,000,000

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? |



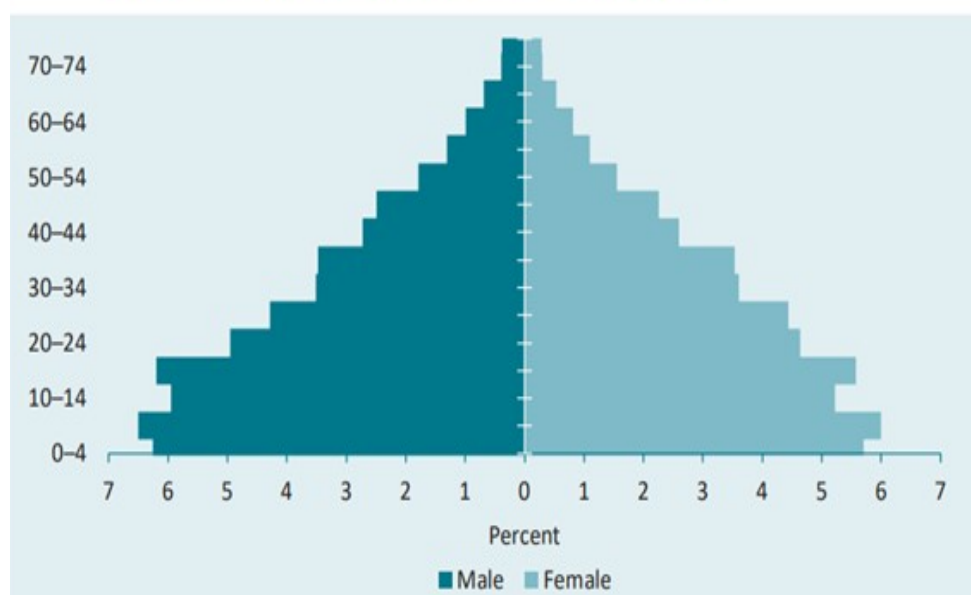
Independent State of Papua New Guinea Health System Review

<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 |

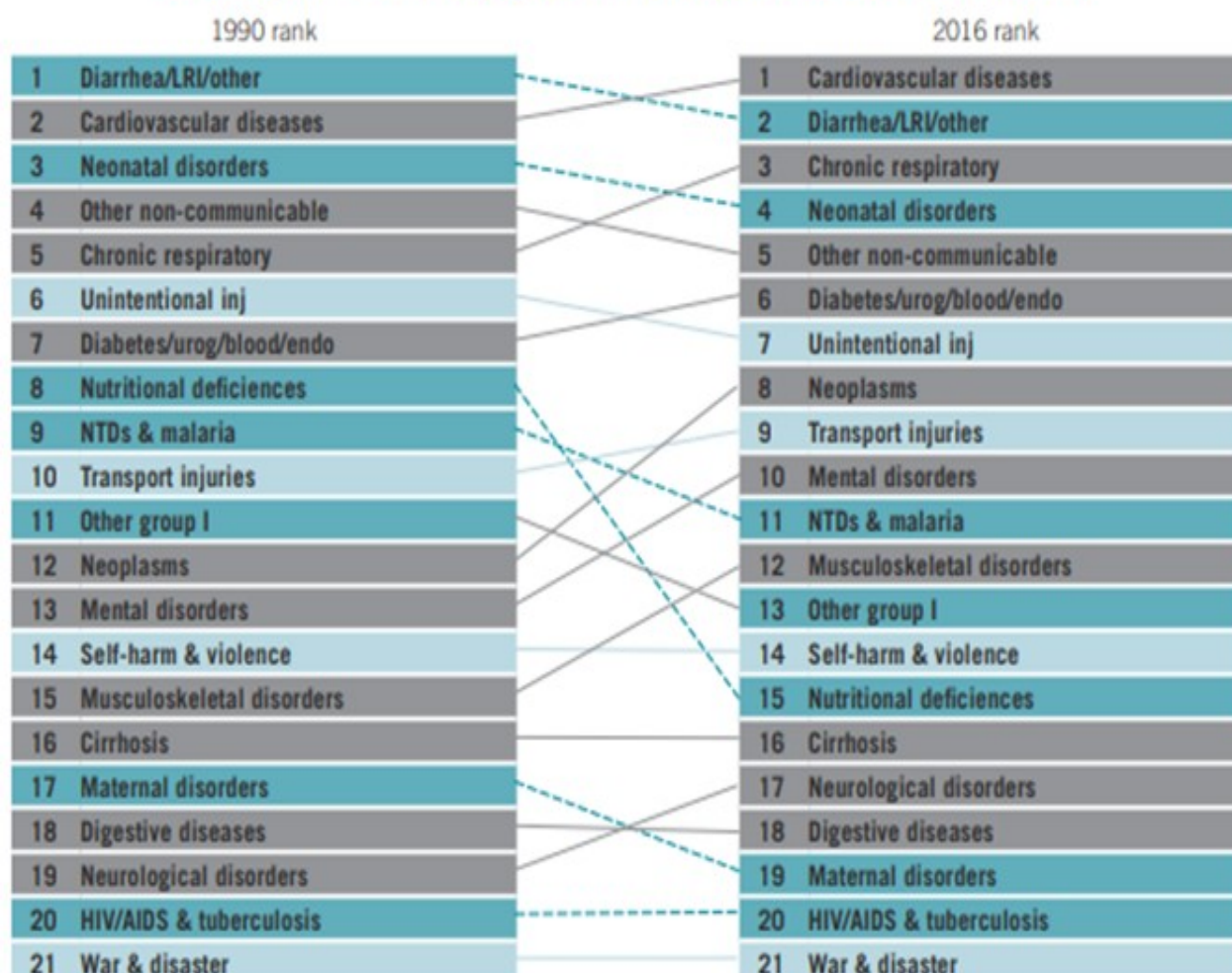
Maternal, child and adolescent health indicators, Papua New Guinea, 1980–2015

| 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] | .. |

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>

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 | .. |

Independent State of Papua New Guinea Health System Review

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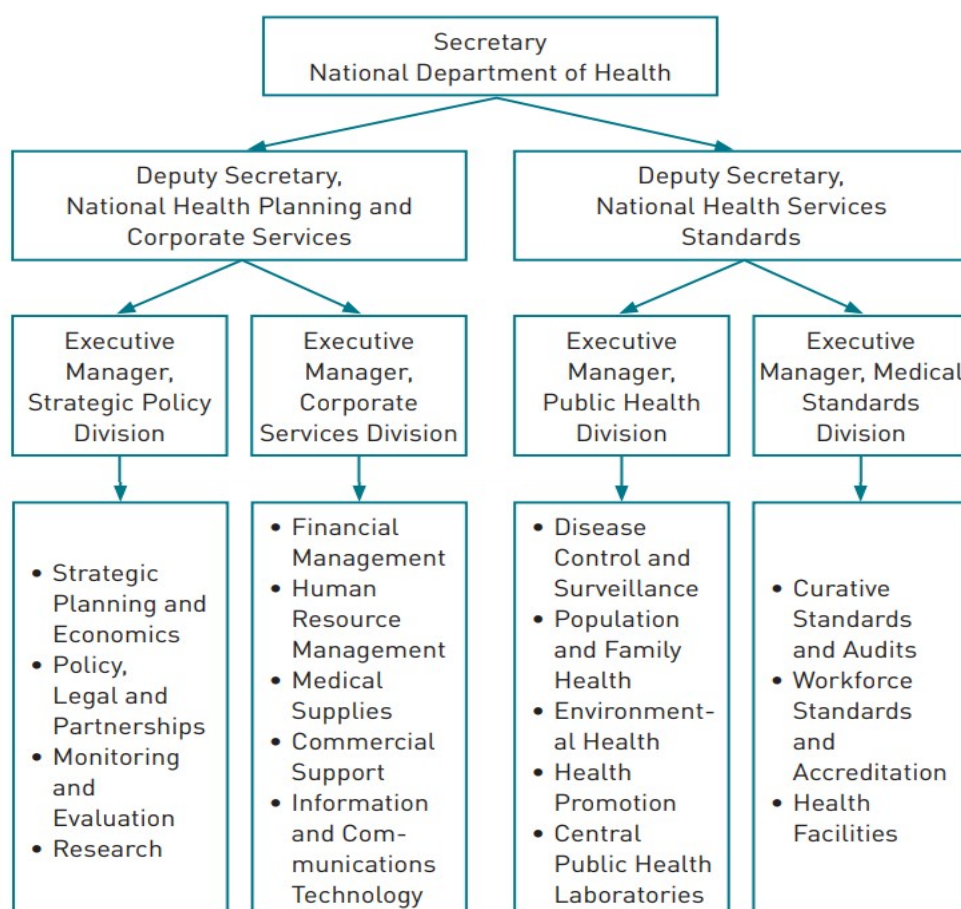
Main governance functions at each level of the health system in Papua New Guinea

| 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

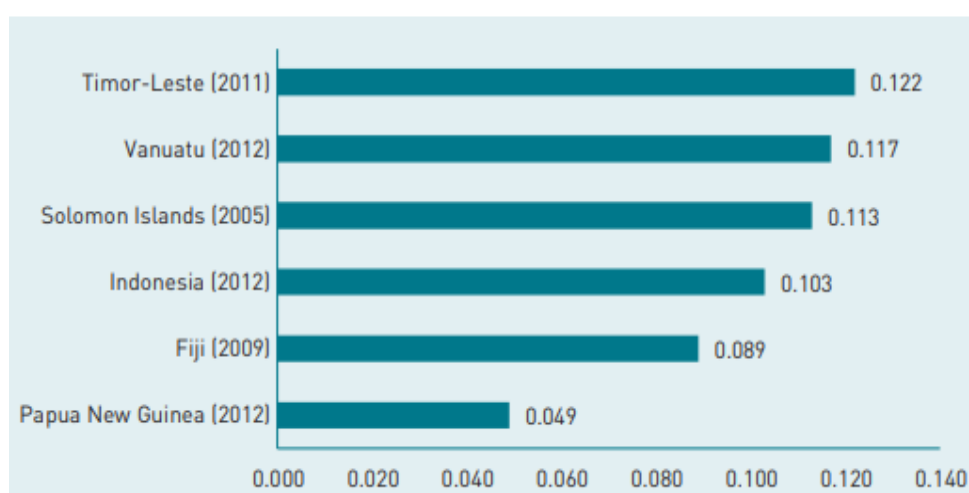
| Administrative level | Political structures | Administrative structures |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 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 |

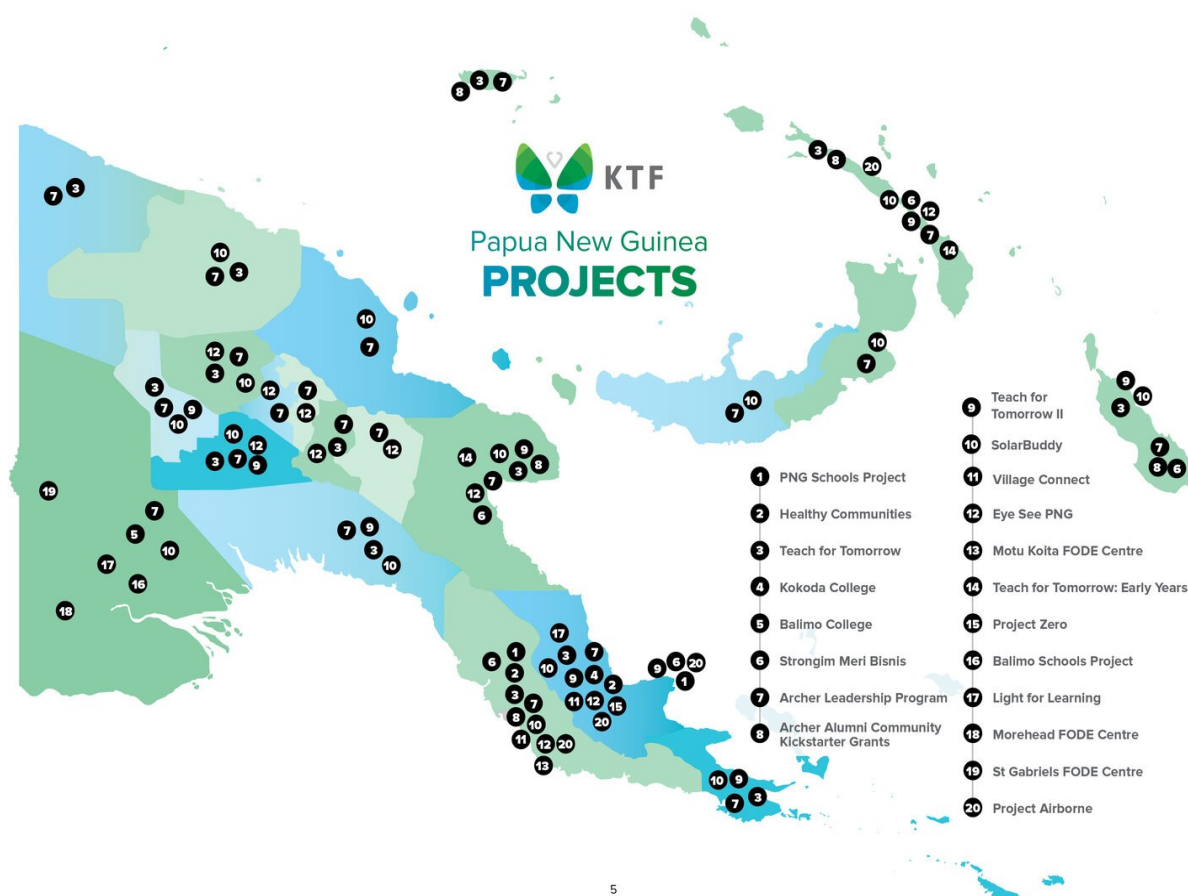
Pharmacists per 1000 population, selected countries, latest available year

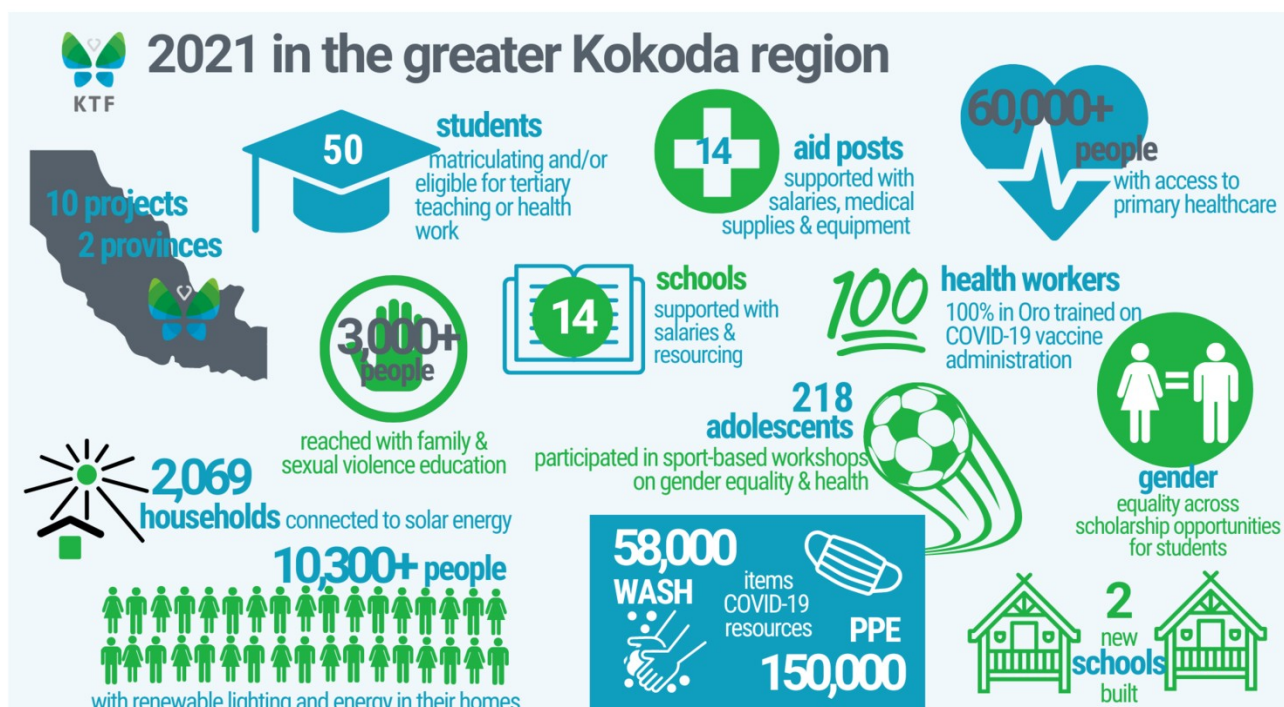
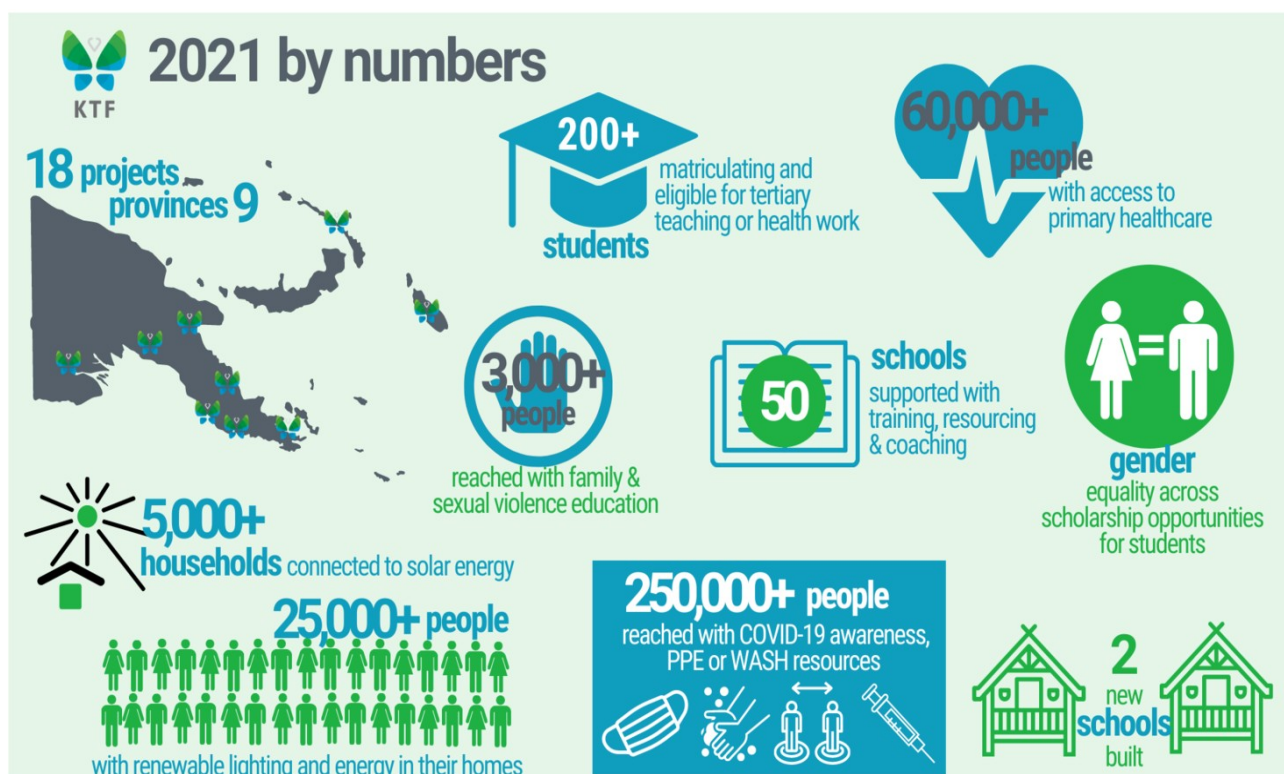


Papua New Guinea had a population of over seven million in 2011 with over 80 percent living in rural areas. According to the World Health Organization in 2014, there were seven regional hospitals, 19 provincial hospitals, 89 district hospitals, 677 health centre's, and 2,600 health posts in Papua New 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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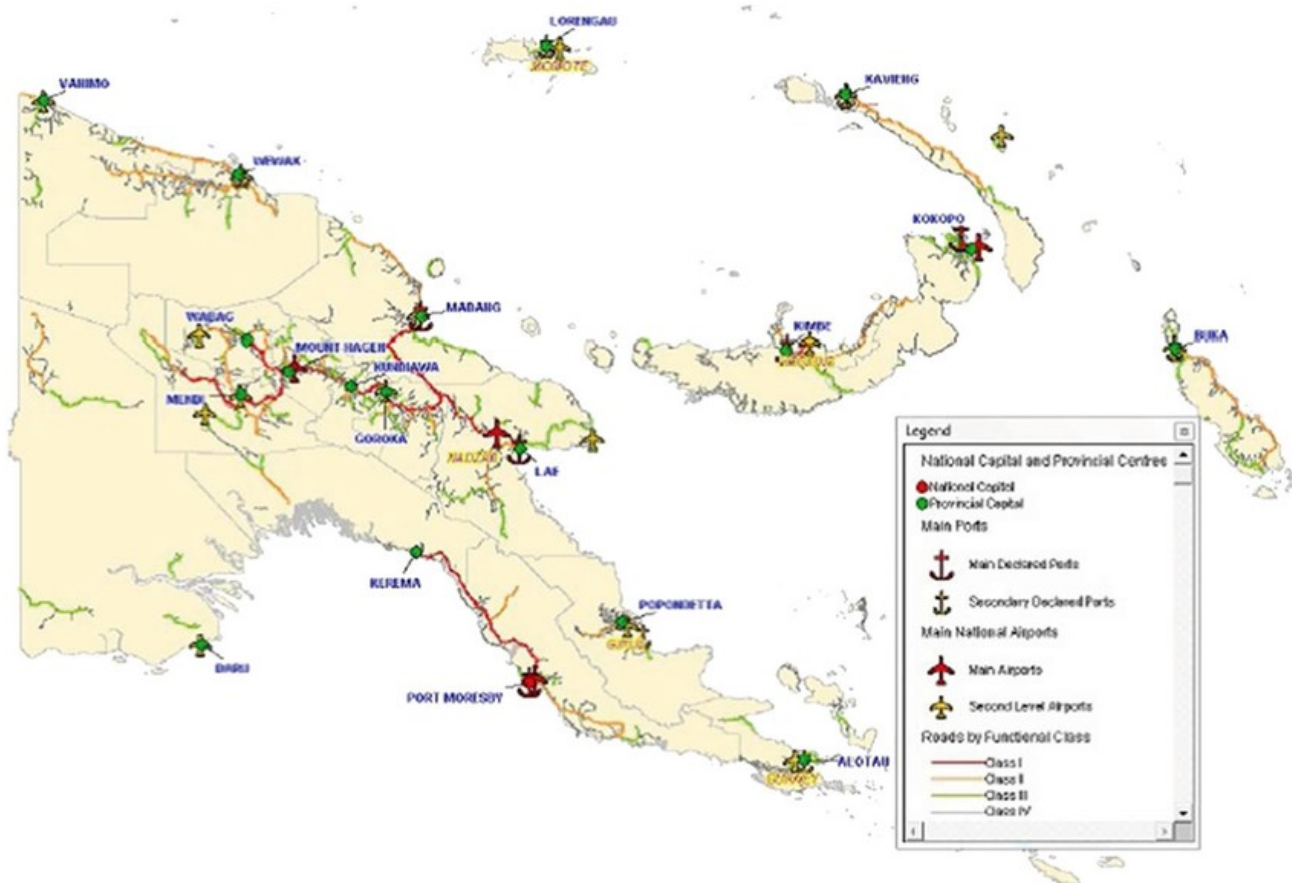
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Source: PNG Department of Works (2014)

