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A Study On Growth Analysis Of Selected Public And Private Sector General Insurance Companies

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Abstract: The Insurance industry in India is one of the fastest-growing industries. After liberalization, the insurance sector adopted significant changes, resulting in the restructuring of the Indian economy. A company with a proper investment policy and profitability, along with the safety of the funds, will grow and sustainin the long run. The objective of the study is to analyse the financial performance and the relationship between the variables of the selected General Insurance Companies in India. The study is analytical in nature, based on secondary data which has been collected from the Handbook of General Insurance Companies (GIC) published by IRDA, Annual Report of IRDA, and other GIC websites, etc., for the period 2017–18 to 2021–22. A Growth Rate Analysis and Correlation is performed to know the relationship between Premium income and other important factors like Profit After Tax, Commission & Operating Expenses. The study of Growth rate analysis confirms a higher growth rate in net premiums for private insurers like HDFC ERGO compared to public sector Companies. While commission expenses decreased across the board, operating expenses varied. HDFC ERGO showed a positive correlation between profit and operating expenses, suggesting higherexpenses might be linked to the growth strategy. Strong positive correlations between premium income and claim incurred indicate profitability management.

Keyword: General Insurance, Public Sector, Private Sector, Growth Rate Analysis

I. Introduction

The concept of insurance was developed by, for, and by the general public. The fear of uncertainty in the future that the public felt led to the creation of insurance. The Triton Insurance Business Ltd., the first general insurance business founded in 1850 in Calcutta by the British, is where the general insurance industry in India originated. grasp market trends, evaluating financial performance, controlling risks, maintaining competitiveness, adhering to legal requirements, and guiding strategic choices all depend on a grasp of growth analysis in general insurance businesses.

II LITERATURE REVIEW

[1] (Kannan & Avean Rajesh, 2023) in their study "A Comparative Performance Analysis of Health Insurance Providers and Public and Private Sector in India" discovered that during the course of the study, public sector general and health insurance companies out performed private sector general and health insurance companies in terms of performance. The private sector's health and GIC are outperforming the public sectors in terms of claim settlements. All four of the general/health insurance companies are determined to be operating profitably overall over the course of the research. It is recommended that health insurance service providers, both public and private, increase the attention they give to their clients' and policyholders' claim settlement mechanisms (procedures, claim admission, settlement term, etc.).

[2] (Makwana, 2020) have studied "A Comparative Study of Capital Adequacy of Selected Public and Private GIC in India" for the period of 10 years for the analysis of difference of the Capital Adequacy between public GIC and private GIC. It is concluded from the research study: 1. During the study period there is difference shown in the solvency ratios between the selected private and public GIC. 2. There is existence of significant difference in the Capital to Total Assets Ratio between the selected Public and Private GIC. 3. There is difference in the Capital to Mathematical Reserves betweenthe selected samples of Private and Public GIC. From the above research study, it can be said that the management for the long-term resources is different in case of Private and Public non-life insurance Companies.

[3] (Satish, 2019) has observed in his study "The Dynamics of General InsuranceSector in India - Growth and Performance Perspective" evaluated the performance of selected GIC. It is observed that public sector GIC have to adopt new and innovative polices to give momentum to the growth so that they can compete with private players. The development in General Insurance business in India, so far, is only the good start still it has to reach 90% of the population in India. It is an evergreen and emerging market for insurance Companies if they focus. As people are also getting aware of insurance products and services, the regulatory body i.e., IRDA must focus on safeguarding the people's interest bylaying down standard polices to be followed by both public and private sector GIC.

[4] (Dar & Thaku, 2015) have used CARAMEL model indicators to compare the financial performance of private and state non-life insurance companies in India. They used methods including mean, standard deviation, F-test, and CAGR together with ratio analysis to examine data for eight insurers from 2003–04 to 2012–13. According to the result, private insurers have trouble with risk selection and costs, whereas public insurers have superior investment income but higher underwriting losses. Neither has sufficient liquidity. The researcher urges more extensive future studies as well as better pricing, risk management, and liquidity.

2.1 Research Gap

After an extensive review of literature, it is understood that very few researchers have gone through with the studies on the comparative financial analysis of GIC. But no one has studied comparative financial analysis of public and private sector GIC and Growth Rate analysis of these Companies in this time period.

II RESEARCH METHODOLOGY

The methodology section outline the plan and method that how the study is conducted. This includes Universe of the study, sample of the study, Data and Sources of Data, study's variables and analytical framework. The details are as follows;

3.1Population and Sample

In this study 3 public sector insurance companies National insurance, New India Assurance, and United India Insurance(gov.) and 3 Private sector insurance companies ICICI Lombard, Bajaj Allianz, and HDFC ERGO(Pvt.) are selected on the basis of average net premium method.

3.2 Data and Sources of Data

The study has been mainly based on secondary data which has been collected from Hand Book of GIC published by IRDA, Annual Report of IRDA and other GIC, websites etc.

3.3 Theoretical framework

With increased competition, public insurance Companies are facing new challenges from private insurance Companies. On the other hand, private insurance Companies are trying to win the confidence of customers. The present study will help in finding out the relative performance of public sector and private sector non-life insurance Companies. The study is made for the consecutive tenure of five years from the accounting year 2017-2018 to 2021-22. The scope of the study in General Insurance has been restricted to three public sector Companies and three Private sector companies selected on the basis of their Average Net Premium.

3.3.1 The main objectives are:

- i.To examine Simple Growth Rate Analysis of selected GIC.
- ii.To inspect the relationship among Premium, Commission, Operating Expenses, Benefits paid and Profit After Tax in Selected GIC.

3.3.2 Limitations of the study

- The study is based on the secondary data only.
- The limitations of financial statements may affect the study.
- As this study is limited only to financial performance analysis of GIC, this study will not be direct relevant to another sector Companies in India.

3.4 Statistical tools

This section elaborates the proper statistical tools which are being used to forward the study from data towards inferences. The detail of methodology is given as follows.

IV. RESULTS AND DISCUSSION

4.1 Simple Growth Rate Analysis

Simple Growth rate=
$$\frac{Current\ year\ figure-Previous\ year\ figure}{Previous\ year\ Figure} \times 10$$

Simple growth rate has been calculated for the following items:

- 1. Net Premium
- 2. Commission Expenses
- 3. Operating Expenses
- 4. Benefits Paid (Net)
- 5. Profit Before Tax PBT
- 6. Profit After Tax PAT

4.1.1 Table and Fig. showing the Growth in Net Premium of Selected GIC

Table 4.1 Growth in Net Premium of Selected GIC

			Public	Sector			
Year	Nati	onal	New	India	United	India	
	Net Premium	% of Growth	Net Premium	% of Growth	Net Premium	% of Growth	
16-17	10,803.63	a Car	17,814.78	2-01	12,032.31		
17-18	11,266.55	4	19,724.60	11	12,860.98	7	
18-19	10,400.22	-8	21,487.59	9	13,104.51	2	
19-20	9,682.71	-7	23,528.84	9	13,744.54	5	
20-21	11,241.49 16		26,233.72	11	13,907.93	1	
21-22	12,322.67	10	28,905.28	10	13,695.60	-2	
			Private	Sector			
Year	Bajaj A	Allianz	HDFC	ERGO	ICICI Lombard		
	Net Premium	% of Growth	Net Premium	% of Growth	Net Premium	% of Growth	
16-17	4,937.05		989.1		6,163.60		
17-18	6,058.57	23	2,994.50	203	6,911.73	12	
18-19	7,009.78	16	3,810.01	27	8,375.35	21	
19-20	8,206.18	17	4,383.49	15	9,403.52	12	

20-21	7,436.13	-9	6,405.59	46	10,013.99	6
21-22	7,779.37	5	6,878.65	7	13,032.08	30

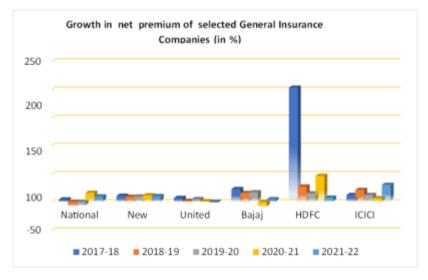


Fig. 4.1 Growth in Net Premium of Selected GIC (in %)

INTERPRETATION: Above Fig. shows Highest percentage of growth in net premium for the current year has been secured by HDFC ERGO (2017-18). From the above Fig., it can be said that private sector GIC have maintained high growth rate in net premium than public sector GIC.

4.1.2 Table and Fig. showing the Growth in Commission expenses of Selected GIC

Table 4.2 Growth in Commission expenses of Selected GIC

	10 4.2 G10W		Public						
Year	ľ	National	No	ew India	Uni	ted India			
Tear	Com.	% of Growth	Com.	% of Growth	Com.	% of Growth			
2016-17	289.23		1,323.14		626.27				
2017-18	1,100.37	280	1,824.01	38	667.59	7			
2018-19	817.22	-26	2,198.98	21	732.7	10			
2019-20	804.16	-2	2,293.76	4	764.71	4			
2020-21	967.44 20		2,466.56	8	918.33	20			
2021-22	831.8	-14	2,292.95	-7	902.49	-2			
			Private	Sector					
Year	Baja	nj Allianz	HDF	C ERGO	ICICI	Lombard			
1 cai		Com % of							
	Com.	% of Growth	Com.	% of Growth	Com.	% of Growth			
2016-17	Com. 35.63		Com. -152.41		Com. -434.13				
2016-17 2017-18									
	35.63	Growth	-152.41	Growth	-434.13	Growth			
2017-18	35.63 318.07	Growth 793	-152.41 -268.42	Growth 76	-434.13 -283.95	Growth -35			
2017-18 2018-19	35.63 318.07 374.72	793 18	-152.41 -268.42 -152.59	76 -43	-434.13 -283.95 222.91	-35 -179			

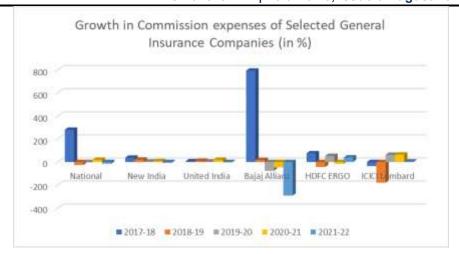


Fig. 4.2 Growth in Commission expenses of Selected GIC (in %)

INTERPRETATION: Above table shows Commission expenses of Bajaj Allianz is highest in the year 2017-18 followed by National then, decreasing year by year, while commission expense is highest in ICICI Lombard and HDFC ERGO respectively. But it has to be noticed that – there was a decreasing trend seen from 2017-18 to 2021-22 and it was quite fluctuating too in all selected GIC during this 5-year period.

4.1.3 Table and Fig. showing the Growth in Operating expenses of Selected GIC Table 4.3 Growth in Operating Expenses of Selected GIC

			Public	Sector				
Year	Nati	onal	New		United	l India		
Tear	Op. Exp.	% of Growth	Op. Exp.	% of Growth	Op. Exp.	% of Growth		
2016-17	3,332.07		3,781.47		2,969.12			
2017-18	2,895.90	-13	13 3,528.43 -7		2,597.80	-13		
2018-19	2,598.91	-10	4,038.04	14	3,059.41	18		
2019-20	4,388.01	69	3,827.23	-5	3,432.98	12		
2020-21	3,434.64 -22		5,376.65	40	3,905.02	14		
2021-22	2,805.16 -18		4,013.78	-25	4,140.93	6		
			Private	Sector				
Vear	Bajaj <i>I</i>	Allianz	Private HDFC		ICICI L	ombard		
Year	Bajaj A	Allianz % of Growth			ICICI L	ombard % of Growth		
Year 2016-17	, and a	% of	HDFC	ERGO % of		% of		
	Op. Exp.	% of	HDFC Op. Exp.	ERGO % of	Op. Exp.	% of		
2016-17	Op. Exp. 1,361.45	% of Growth	HDFC Op. Exp. 465.15	ERGO % of Growth	Op. Exp. 1,982.04	% of Growth		
2016-17 2017-18	Op. Exp. 1,361.45 1,405.13	% of Growth	HDFC Op. Exp. 465.15 1,054.47	ERGO % of Growth	Op. Exp. 1,982.04 2,111.87	% of Growth		
2016-17 2017-18 2018-19	Op. Exp. 1,361.45 1,405.13 1,807.11	% of Growth 3 29	HDFC Op. Exp. 465.15 1,054.47 1,131.33	ERGO % of Growth 127 7	Op. Exp. 1,982.04 2,111.87 1,989.78	% of Growth 7 -6		

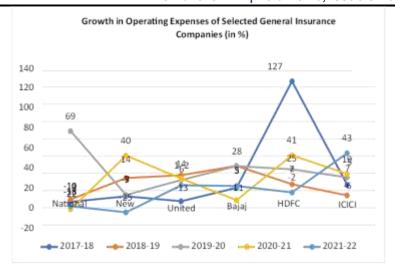


Fig. 4.3 Growth in Operating Expenses of Selected GIC (in %)

INTERPRETATION: It shows Operating Expense is very high in New India in Public sector and HDFC ERGO in private sector respectively, while it decreased in case of National Insurance company ltd. During theperiod. It is fluctuating in almost all selected GIC. The reasonbehind this may be that majority selected GIC are interest in controlling the operating expenses.

4.1.4 Table and Fig. showing the Growth in Claim Incurred of Selected GIC

Table 4.4 Growth in Claim Incurred of Selected GIC

			Public	Sector						
Year	N	National	No	ew India	Uni	ted India				
Tear	Claim Incurred	% of Growth	Claim Incurred	% of Growth	Claim Incurred	% of Growth				
2016-17	10,506.68		16,256.93		12,881.51					
2017-18	12,870.68	22	16,896.47	4	12,137.81	-6				
2018-19	11,434.02	-11	20,496.70	21	14,336.09	18				
2019-20	10,249.95	-10	21,512.62	5	13,945.31	-3				
2020-21	9,693.91	-5	22,086.96	3	12,302.12	-12				
2021-22	12,841.33	32	28,750.14	30	13,500.02	10				
			Private	Sector	ector					
					ICICI Lombard					
Voor	Baja	j Allianz	HDF	C ERGO	ICICI	Lombard				
Year	Baja Claim Incurred	ij Allianz % of Growth	HDF Claim Incurred	C ERGO % of Growth	ICICI Claim Incurred	Lombard % of Growth				
Year 2016-17	Claim	% of	Claim	% of	Claim	% of				
	Claim Incurred	% of	Claim Incurred	% of	Claim Incurred	% of				
2016-17	Claim Incurred 3,476.29	% of Growth	Claim Incurred 769.8	% of Growth	Claim Incurred 4,954.33	% of Growth				
2016-17 2017-18	Claim Incurred 3,476.29 4,042.57	% of Growth	Claim Incurred 769.8 2,226.68	% of Growth	Claim Incurred 4,954.33 5,314.72	% of Growth				
2016-17 2017-18 2018-19	Claim Incurred 3,476.29 4,042.57 4,810.41	% of Growth 16 19	Claim Incurred 769.8 2,226.68 2,909.18	% of Growth 189 31	Claim Incurred 4,954.33 5,314.72 6,308.12	% of Growth 7 19				

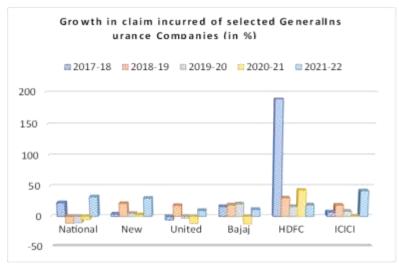


Fig. 4.4 Growth in Claim Incurred of Selected GIC (in %)

INTERPRETATION: Above table indicate Benefits paid include insurance claim paid for home, theft, accident, vehicle, fire, marine etc. by GIC. There is an increasing trend in HDFC ERGO and Bajaj Allianz in 2017- 18 to 2019-20. The highest benefit paid by ICICI followed by National and New India Insurance Companies in the year 2021-22. There is decrease in benefits paid by GIC in all the Companies in the year 2020-21 except HDFC ERGO.

4.1.5 Table and Fig. showing the Growth in Surplus or Profit Before Tax of Selected GIC

Table 4.5 Growth in Profit Before Tax of Selected GIC

			Public	Sector				
Year	Nati	onal	New 1	India	United	India		
1 cai	PBT	% of Growth	PBT	% of Growth	PBT	% of Growth		
2016-17	49.2		1,163.86		-1,912.65			
2017-18	-2,182.50	-4536	2,725.06	134	1,227.96	-164		
2018-19	-1,696.28	-22	644.87	-76	-1,877.91	-253		
2019-20	-4,108.34	142	1,638.83	154	-1,485.71	-21		
2020-21	-562.99	-86	2,036.72	24	-984.69	-34		
2021-22	-1,674.67	197	159.91	-92	-2,135.56	117		
			Private	Sector				
Year	Bajaj A	Allianz	HDFC	ERGO	ICICI L	ombard		
1001	PBT	% of Growth	PBT	% of Growth	PBT	% of Growth		
2016-17	1,078.12		121.4		910.1			
2017-18	1,352.91	25	513.27	323	1,196.23	31		
2018-19	1,151.52	-15	467.23	-9	1,598.42	34		
2019-20	1,375.95	19	611.79	31	1,696.89	6		
2020-21	1,769.30 29		791.77 29		1,953.95	15		
2021-22	1,793.09	1	667.77	-16	1,683.51	-14		

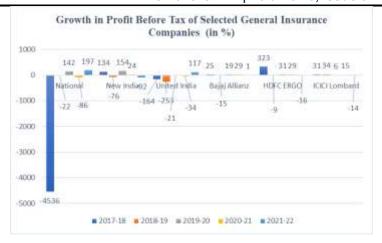


Fig. 4.5 Growth in Profit Before Tax of Selected GIC

INTERPRETATION: Table 4.5 and Fig. 4.5 presents the result of percentage of increasing in surplus. It is very high in HDFC ERGO in 2017-18, but it was very fluctuating during the period of 5 years in all selected GIC. While there is a stable but low increase in selected public sector GIC during the period of 2017- 18 to 2021-22.

4.1.6 Table and Fig. showing the Growth in Surplus or Profit After Tax of Selected GIC

Table 4.6 Growth in Profit After Tax of Selected GIC

.20		36.		A STATE OF THE STA					
			Public	Sector					
Year	ľ	National	N	ew India	Uni	ted India			
1 cai	PAT	% of Growth	PAT	% of Growth	PAT	% of Growth			
2016-17	45.84		1,007.93		-1,913.53				
2017-18	-2,170.77	-4836	2,200.92	118	1,002.66	-152			
2018-19	-1,696.12	-22	579.79	-74	-1,877.91	-287			
2019-20	-4,108.34	142	1,417.75	145	-1,485.85	-21			
2020-21	-561.85	-86	1,604.69	13	-984.69	-34			
2021-22	-1,674.71	198	164.27	-90	-2,135.56	117			
			Private	Sector					
Year	Baja	ij Allianz	HDF	C ERGO	ICICI	Lombard			
Tear	PAT	% of Growth	PAT	% of Growth	PAT	% of Growth			
2016-17	727.84		124.41		701.88				
2017-18	921.24	27	403.71	224	861.78	23			
2018-19	779.86	-15	382.99	-5	1,049.26	22			
2019-20			447.71	17	1,193.76	14			
2020-21	1,330.09	33	591.65	32	1,473.05	23			
2021-22	1,339.13	1	500.13	-15	1,271.00	-14			

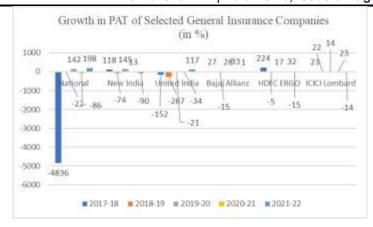


Fig. 4.6 Growth in Profit After Tax of Selected GIC (in %)

INTERPRETATION: Table 4.6 and Fig. 4.6 gives the result of percentage of increase in Profit After Tax (PAT). There is a negative trend in the profit of New India for the year 2019-20 to 2021-22. ICICI Lombard General Insurance company has decreasing slope during the time period of 2017-8 to 2019-20.

4.2 CORRELATION ANALYSIS: Here correlation analysis has been performed to know the relationship between Premium income and other important factor like Profit After Tax, Commission & Operating Expenses.

4.2.1 Correlation between Premium and Profit After Tax in Selected GIC.

H0: There is no correlation between Premium Income and Profit After Tax in SelectedGIC.

H1: There is a correlation between Premium Income and Profit After Tax in Selected GIC.

Table 4.7 Correlation between Premium Income and Profit After Tax in Selected GIC

		Co	orr	elatio	ns of Pu	blic s	sector (GI	$\overline{\mathbf{C}}$			1		
	Na	itional	Ne t Pr o fit	Net Pre mi um			India	Ne t Pr o fit	Net Pre mi um	9	Unit Indi		Ne t Pr o fit	Net Pre mi um
100	Net Pro fit	Pear son Corr el ation	1	.643		Ne t Pr o	Pear son Corr el ation	1	.584	1	Net Pr of it	Pear son Corr el ation	1	.566
	of Nati o nal	Sig. (2- tailed)		.242		fit of Ne w In di	Sig. (2- tailed)		.301		of Un it ed Ind ia	Sig. (2- tailed)		.319
		N	5	5		a	N	5	5			N	5	5
				Co	rr	elatio	ns of Pri	ivate	sector	G	IC			
	Bajaj Alliai		Net P ro fit	Net Pre mi um		HDI ERO		Net P ro fit	Net Pre mi um		ICICI Lombard		Net P ro fit	Net Pre mi um
	Net Pro fit of Baj aj	Pear son Corr el ation Sig. (2- tailed)	1	.448		Ne t Pr o fit of H	Pear son Corr el ation Sig. (2- tailed)	1	.845		Net Pr of it of IC I	Pear son Corr el ation Sig. (2- tailed)	1	.198

				F C							
	N	5	5		N	5	5		N	5	5

^{*}Correlation is significant at the 0.05 level (Two tailed)

INTERPRETATION: The P-value in the above table of the national, new India, United India, Bajaj Alliance, HDFC ERGO, ICICI Lombard, are 0.242, 0.301, 0.319, 0.449 0, 0.071, and 0.198 which is more than 0.05 which means that the test is insignificant and on the other hand New India General Insurance Company's Premium Income and PAT show the negative correlation and P-Value is not significant. It means that there is no significant relationship between Premium Income and PAT. In other words, there is no correlation between premium income and PAT.

4.2.2 Correlation between Net Profit after tax and Operating Expenses in Selected GIC.

H0: There is no correlation between Net Profit after tax and Operating Expenses in selected GIC H1: There is a correlation between Net Profit after tax and Operating Expenses in selected GICs Table 4.8 Correlation between Net Profit after tax and Operating Expenses in Selected GIC

							ons of Pu					ZAPCHSC		
F	Na	itional	Ne t Pr o fit	Ope ra ting Exp ense		Ne Inc	ew dia	Ne t Pr o fit	Ope ra ting Exp ense	8 1	Uni Ind		Ne t Pr o fit	Ope ra ting Exp ense
	Net Pro	Pear son Corr el ation	1	648		Ne t Pr	Pear son Corr el ation	1	.006	11 (50)	Ne t Pr	Pear son Corr el ation	1	686
200	fit of Nati	Sig. (2-tailed)		.237		fit of Ne	Sig. (2-tailed)		.992		fit of Un	Sig. (2-tailed)		.201
	nal	N	5	5	4	w In di a	N	5	5	3	i ted In di a	N	5	5
ľ				Co	rre	elatio	ns of Pri	ivate	Sector	G]				
	Baja Allia	•	Ne t Pr o fit	Ope ra ting Exp ense		HDI ERO	FC	Ne t Pr o fit	Ope ra ting Exp ense		I(CICI omba rd	Ne t Pr o fit	Ope ra ting Exp ense
	Net Pro	Pear son Corr el ation	1	.508		Ne t Pr	Pear son Corr el ation	1	.924*		Ne t Pr	Pear son Corr el ation	1	.540
	fit of Baj	Sig. (2-tailed)		.382		o fit of	Sig. (2-tailed)		.025		o fit of	Sig. (2-tailed)		.347

aj	N	5	5	H D	N	5	5	IC I	N	5	5	
				\mathbf{F}				CI				
				C								

^{*}Correlation is significant at the 0.05 level (Two-tailed)

INTERPRETATION: P-value in the above table of the national, new India, United India, Bajaj Alliance, ICICI Lombard, are 0.237,0.992, 0.201, 0.382, 0.371, which is more than 0.05, which means that the test is insignificant. In other words, there is no correlation between PAT and Operating Expense. While it has been clearly seen that there is a significant correlation between PAT and Operating expense in HDFC ERGO, the Correlation Coefficient is more than 0.80, and the P-Value is significant (P-Value < .05). It shows a strong relationship between PAT and Operating expense. It means PAT is increasing with the increase in Premium Income.

4.2.3 Correlation between Premium Income and Claim Incurred in Selected GIC

H0: There is no correlation between Premium Income and Claim Incurred in SelectedGIC.

H1: There is a correlation between Premium Income and Claim Incurred in SelectedGIC.

Table 4.9 Correlation between Premium Income and Claim Incurred in Selected GIC

				C	or	relatio	ns of P	ublic s	ector	GI	C			
8	Na	tional	Ne t Pr e mi u m	Cl ai m Inc u rre d		Nev	v India	Ne t Pr e mi u m	Cl ai m Inc u rre d	8	Unit Indi		Ne t Pr e mi u m	Cl ai m Inc u rre d
	Ne t Pr e	Pear s on Corr el atio n	1	.58		Net Pre miu m	Pear s on Corr el atio n	1	.93 6*	(c)	Net Pre miu m of	Pear s on Corr el atio n	1	.06
	mi u m of Na	Sig. (2- tail ed)		.30	pro-	of Ne w Ind ia	Sig. (2- tail ed)		.01		Uni t ed Ind ia	Sig. (2- tail ed)		.92
	ti on al	N	5	5			N	5	5			N	5	5
				Co	ori	relatio	ns of Pr	ivate s	sector	G]	IC			
	Baja Allia	•	Ne t Pr e mi u m	Cl ai m Inc u rre d		ERG	elations of Priv HDFC ERGO		Cl ai m Inc u rre d		Lo	ICI mba rd	Ne t Pr e mi u m	Cl ai m Inc u rre d
	Net Pre mi u	Pear s on Corr el atio n	1	.98 8*		Net Pre mi u	Pre el atio		.99 2* *		Net Pre miu m	Pear s on Corr el atio n	1	.98 4*

m of Baj aj	Sig. (2-tai led)		.00	m of HI F((2- tail		.00	of ICI CI	Sig. (2- tail ed)		.00
	N	5	5		N	5	5		N	5	5

^{*}Correlation is significant at the 0.05 level (Two tailed)

INTERPRETATION: The table reveals that there is a significant correlation between Premium Income and Benefits Paid in New India, Bajaj Allianz, HDFC ERGO and ICICI Lombard Insurance Companies as P-Value is significant (less than 0.05) and correlation co-efficient is higher than 0.90 in all GIC. It means that their premium incomes are increasing and their benefits paid are also increasing. They are paying more benefits to their customers. Butso far as the National and United India Insurance Company is concerned there is no correlation between Premium Income and Claim Incurred and P-Value is not significant.

V. FINDINGS AND CONCLUSION

5.1 Findings of Simple Growth Rate Analysis

- **Growth In Net Premium:** Highest percentage of growth in net premium for the current year has been secured by HDFC ERGO (2017-18). It can be said that privatesector GIC have maintained high growth rate in net premium than public sector GIC.
- Growth in Commission expenses: There was a decreasing trend seen from 2017-18to 2021-22 and it was quite fluctuating too in all selected GIC during this 5-year period.
- Growth in Operating Expense: Operating Expense is very high in New India and HDFC ERGO Respectively, while it decreased in case of National Insurance company ltd. during the period. The reason behind this may be that majority selected GIC are interest in controlling the operating expenses.
- Growth in Claim Incurred: There is an increasing trend in HDFC ERGO and BajajAllianz in 2017-18 to 2019-20. The highest benefit paid by ICICI followed by National and New India Insurance Companies in the year 2021-22. There is decrease in benefits paid by GIC in all the Companies in the year 2020-21 except HDFC ERGO.
- Growth in Profit Before Tax: It was very fluctuating during the period of 5 years in all selected GIC. While there is a stable but low increasein selected public sector GIC during the period of 2017-18 to 2021-22.
- Growth in Profit After Tax: There is a negative trend in the profit of New India for the year 2019-20 to 2021-22. ICICI Lombard General Insurance company has decreasing slope during the time period pf 2017-18 to 2019-20. and it was fluctuatingover the period of five years in all selected GIC.

VI. SUGGESTIONS

6.1 Suggestions for Growth of Selected GIC:

- GIC should try to minimise fluctuation in premium income and try to maintain reasonable PAT.
- As per the correlation analysis commission expenses and operating expenses are increasing with the increase in premium income. Every GIC should try to minimise unnecessary expenses.
- GIC have to put their best efforts to increase premium income as premium income predict PAT significantly so GIC can pass on the benefits to the customers.

6.2 Future scope of the Study:

- Three Public Sector and Three Private Sector GIC have been taken for the study by pitting the constraints of date of registration and premium income. Researcher may take other constraints for selecting more GIC.
- Researcher can carry Growth analysis by using different tools, ratios and models or the researcher can go for Financial Performance Analysis, Efficiency Analysis for various GIC.

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