



# **PEA Administrative Summit**

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## **Analysis of the GCE 2022 results for the PEA and quality improvement strategies**

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## Objective

PEA administrators reflect the GCE 2022 results of PEA schools and discursively brainstorm on strategies of achieving continuous quality improvement.



## Introduction

- Mission: The Presbyterian Education Authority (PEA) seeks to provide affordable, sustainable, inclusive and high quality education to ALL with emphasis on Christian moral values.
- With the burgeoning crisis still plaguing the NWR and SWR of Cameroon, where most of its schools operate, the PEA registered both quantitative and qualitative improvement in outcomes at the 2022 GCE compared to 2021.



## Introduction *cont.*

PEA participation at the 2022 GCE exams:

- GCE Ordinary Level = 20 schools, up from 16 in 2021
- GCE Advanced Level = 15 schools, up from 14 in 2021
- TVEE Intermediate Level = 7 schools, up from 6 in 2021
- TVEE Advanced Level = 5 schools, up from 4 in 2021



# Quantitative analysis

## National statistics

Exam	Sat	Pass	% Pass
OL General	84497	56621	67.01
AL General	13425	8883	66.17
TVEE Intermediate L	61553	42762	69.47
TVEE Advanced L	8502	6659	78.32

## vs. PEA statistics

Exam	Sat	Pass	% Pass
OL Gen.	739	663	89.72
AL Gen.	559	512	91.59
TVEE Intermediate L	57	51	89.47
TVEE Advanced L	57	54	94.74



## Introduction *cont.*

Quantitative score of 100%:

- GCE OL General: **7** (2022) compared to **1** (2021)
- GCE AL General: **5** (2022) compared to **2** (2021)
- TVEE Intermediate Level: **3** (2022) compared to **4** (2021)
- TVEE Advanced Level: **3** (2022) compared to **2** (2021)



## Quantitative analysis of GCE Ordinary Level General

PEA School	Center No.	No Sat	No Pass	% Pass 2022	% Pass 2021	% Pass 2020	% Diff PEA 2022	<i>Passed in (Subjects):</i>							
								11	10	9	8	7	6	5	4
PSS Mankon*	11076	58	58	100	96.3	97.87	10.28	32	14	5	4	2	1		
PHS Kumba*	11028	32	32	100	100	57.14	10.28	2	4	8	6	7	1	3	1
PCSS B'sadi		19	19	100	84.00	51.00	10.28	3	3	5	3	3	2		
PCSS Mfou*	12461	18	18	100	96.3	100	10.28	8	3	2	3	2			
PCHS Limbe*	12263	14	14	100	84.21	100	10.28	1	2	2	3	1	2	3	
PCSS Ng'dere*	12626	10	10	100			10.28		1	2	3		2	1	1
PSST Bafut		3	3	100			10.28			1			1		1

**PEA 89.72% compared to 88.59% in 2021**





## Quantitative analysis of GCE Ordinary Level General cont.

PEA School	No Sat	No Pass	% Pass 2022	% Pass 2021	% Pass 2020	% Diff PEA 2022	Passed in (Subjects):							
							11	10	9	8	7	6	5	4
PSS Bafut	51	50	98.04	95.12	100	8.32	17	11	9	9	1	1	1	1
PSS Douala	74	71	95.95	96.34	100	6.23	23	18	9	6	7	4	3	1
PCSS Azire	63	60	95.24	92.31	92.31	5.52	5	11	18	9	8	5	2	2
PCSS Buea	78	73	93.59	95.24	100	3.87	8	9	14	9	11	9	4	9
PHS Mbengwi	60	56	93.33	83.02		3.62	6	11	12	11	9	4		3
PHS Nkambe	29	27	93.10	97.06	100	3.39	2	4	3	5	7	4	1	1
PCSS Fiango	27	25	92.59	82.14	28.57	2.88		1	1	7	7	4	4	1
PGSS Limbe	36	32	88.89	90.00	94.59	-0.83	4	3	10	4	6	2	2	1
PHS Wum	90	64	71.11	82.35		-18.60	2	4	7	8	14	9	12	8
PCSS Bangem	24	17	70.83	50.00	50.00	-18.88		1	2	6	2	2	2	2
PSS Ndop	10	7	70.00			-19.72		1					5	1
PHS B'Abang	28	19	67.86	67.5	80	-21.86				3	6	5	3	2
CPC Bali	15	8	53.33			-36.38				1	1	1	1	4
<b>TOTAL</b>	<b>739</b>	<b>663</b>	<b>89.72</b>	<b>86.99</b>	<b>82.25</b>		<b>113</b>	<b>101</b>	<b>110</b>	<b>100</b>	<b>94</b>	<b>59</b>	<b>47</b>	<b>39</b>



## Quantitative analysis of GCE Advanced Level

PEA School	No Sat	No Pass	% Pass 2022	% Pass 2021	% Pass 2020	% Diff PEA 2022	No. Sanction ed	<i>Passed in (Subjects):</i>			
								5	4	3	2
PCSS Buea	80	80	100.00	92.59	100.00	8.41		25	33	18	4
PSS Douala	59	59	100.00	93.27	100.00	8.41		28	23	7	1
PSS Mankon	52	52	100.00	98.00	95.45	8.41		33	15	4	
PCSS Mfou	29	29	100.00	100.00		8.41		16	12	1	
PSS Bafut	74	72	97.30	98.00	98.11	5.71		27	31	11	3
PGSS Limbe	62	60	96.77	63.27	96.00	5.18		16	23	11	10

**PEA 91.59% compared 87.53% in 2021**



## Quantitative analysis of GCE Advanced Level cont.

PEA School	No Sat	No Pass	% Pass 2022	% Pass 2021	% Pass 2020	% Diff PEA 2022	No. Sanction ed	<i>Passed in (Subjects):</i>			
								5	4	3	2
PHS Nkambe	22	21	95.45	68.18	94.74	3.86		15	3	3	
PCSS Azire	51	48	94.12	89.29	100.00	2.53		10	19	11	8
PCSS Fiango	21	19	90.48	100.00	37.50	-1.12		1	7	3	8
PHS Mbengwi	29	26	89.66	86.96		-1.94		5	6	9	6
PCHS Limbe	16	14	87.50	88.89	70.00	-4.09		2	3	5	4
PCSS B'sadi	5	4	80.00			-11.59		2	2		
PHS B'Abang	12	8	66.67	61.54	80.00	-24.93	3		2	3	3
PHS Wum	40	18	45.00	66.67		-46.59			4	1	13
CPC Bali	7	2	28.57			-63.02				1	1
<b>TOTAL</b>	<b>559</b>	<b>512</b>	<b>91.59</b>	<b>80.22</b>	<b>76.45</b>		<b>3</b>	<b>180</b>	<b>183</b>	<b>88</b>	<b>61</b>



## Quantitative analysis of TVEE Intermediate Level

PEA School	No Sat	No Pass	% Pass 2022	% Pass 2021	% Pass 2020	% Diff PEA 2022	No. San ctio ned	<i>Passed in (Subjects):</i>								
								11	10	9	8	7	6	5	4	
PCSS Azire*	11	11	100	100		10.53		1	4	3	2	1				
PCSS Mfou	1	1	100	100	100	10.53				1						
PSST Bafut	1	1	100			10.53			1							
PCHS Limbe*	14	13	92.86	58.82	75.00	3.38		1	3	3	3	3				
PCSS Buea*	14	13	92.86	100	94.44	3.38		2	2	2	1	1	1			
PCSS Fiango	13	10	76.92	33.33		-12.55			2	4				1	3	
PCSS B'sadi	3	2	66.67	100		-22.81					1	1				
<b>Total</b>	<b>57</b>	<b>51</b>	<b>89.47</b>	<b>82.03</b>	<b>89.81</b>		<b>0</b>	<b>4</b>	<b>12</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>0</b>	



## Quantitative analysis of TVEE Advanced Level

PEA	No	No	% Pass	% Pass	% Pass	% Diff PEA	No. Sanctioned	<i>Passed in (Subjects):</i>						
								Sat	Pass	2022	2021	2020	2022	8
PCHS Limbe	22	22	100	100		5.26		8	5	4	3	2		
PCSS Azire	5	5	100	100	86.95	5.26		1	4					
PCSS B'sadi	3	3	100			5.26			2	1				
PCSS Buea	24	22	91.67	92.31	74.07	-3.07		7	10	2	3			
PCSS Fiango	3	2	66.67	25.00		-28.07			1		1			
	<b>57</b>	<b>54</b>	<b>94.74</b>	<b>79.33</b>	<b>80.51</b>		<b>0</b>	<b>16</b>	<b>22</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>



## Results of CAPIEMP

<b>PEA</b>	<b>Center</b>	<b>No</b>	<b>No</b>	<b>% Passed</b>
<b>School</b>	<b>No.</b>	<b>Sat</b>	<b>Pass</b>	
PTTC Mbengwi	8507	14	14	100



## Qualitative Analyses

Will help connect the performance with the:

- PEA Mission
- Criteria of quality outcomes
- International standards



## Qualitative analysis of GCE Ordinary Level

PEA School	No Sat	No Pass	Grades count			Total Expected points	Total Points earned	% pass (points)	% Diff. with PEA Points	Rank as per Points
			A	B	C					
PSS Mankon	58	58	208	222	159	1,884	1,227	65.1	26.1	1
PSS Bafut	51	50	117	160	197	1,677	868	51.8	12.7	2
PCSS Mfou	18	18	50	61	31	588	303	51.5	12.5	3
PSS Douala	74	71	155	211	270	2,409	1,157	48.0	9.0	4
PHS Mbengwi	60	56	82	168	243	1,821	825	45.3	6.3	5
PCHS Limbe	14	14	20	32	54	405	178	44.0	4.9	6
PCSS Azire	63	60	96	155	257	1,989	855	43.0	3.9	7
PHS Kumba	32	32	29	79	133	957	378	39.5	0.5	9
PHS Nkambe	29	27	27	84	106	897	355	39.6	0.5	8
PCSS B'sadi	19	19	31	54	15	600	216	36.0	-3.0	10

**PEA 39.0%**





## Qualitative analysis of GCE Ordinary Level cont.

PEA School	No Sat	No Pass	Grades count			Total Expected points	Total Points earned	% pass (points)	% Diff. with PEA Points	Rank as per Points
			A	B	C					
PCSS Ng'dere	10	10	7	24	42	315	111	35.2	-3.8	11
PCSS Buea	78	73	58	165	321	2,469	825	33.4	-5.6	12
PCSS Fiango	27	25	14	58	99	780	257	32.9	-6.1	13
PGSS Limbe	36	32	38	68	129	1,158	379	32.7	-6.3	14
PSST Bafut	3	3	0	2	16	90	20	22.2	-16.8	15
PHS Wum	90	64	26	75	334	2,565	562	21.9	-17.1	16
PCSS Bangem	24	17	7	29	75	717	154	21.5	-17.6	17
PSS Ndop	10	7	3	10	26	270	55	20.4	-18.7	18
PHS B'Abang	28	19	1	22	83	825	130	15.8	-23.3	19
CPC Bali	15	8	0	6	44	405	56	13.8	-25.2	20
<b>TOTAL</b>	<b>739</b>	<b>663</b>	<b>969</b>	<b>1,685</b>	<b>2,634</b>	<b>22,821</b>	<b>8,911</b>	<b>39.0</b>		



## Qualitative analysis of GCE Advanced Level

PEA School	No Sat	No Pass	Grades count					Total Expected points	Total Points earned	% pass (points)	Rank as per Points
			A	B	C	D	E				
PCSS Mfou	29	29	31	30	31	17	18	690	420	60.9	1
PSS Mankon	52	52	32	43	74	54	34	1,270	696	54.8	2
PHS Nkambe	22	21	14	16	26	22	20	530	276	52.1	3
PSS Douala	59	59	16	38	83	53	61	1,420	648	45.6	4
PCSS Buea	80	80	43	53	69	76	68	1,875	854	45.5	5
PSS Bafut	74	72	14	31	89	84	75	1,815	704	38.8	6
PHS Mbengwi	29	26	8	3	31	32	15	605	224	37.0	7
PCSS Azire	51	48	17	20	35	46	54	1,150	416	36.2	8

**PEA 38.80%**



## Qualitative analysis of GCE Advanced Level *cont.*

PEA School	No Sat	No Pas s	Grades count					Tot. Expec ted points	Tot. Poin ts earn ed	% pass (point s)	Ran k as per Poin ts	% Diff. with PEA Points	Total no. of 'A' Grades	Avg. 'A' Grade s	% Contribut ion to PEA 'A' grades	As per % 'A' Grades
			A	B	C	D	E									
PGSS Limbe	62	60	15	26	38	41	32	1,390	407	29.3	9	-9.6	15	0.79	7.7	1
PCSS Fiango	21	19	1	10	6	18	20	425	119	28.0	10	-10.8	1	0.04	0.5	13
PCHS Limbe	16	14	0	5	10	9	21	340	89	26.2	11	-12.7	0	0.00	0.0	14
PHS B'Abang	12	8	1	2	2	6	10	250	41	16.4	12	-22.4	1	0.25	0.5	10
PCSS B'sadi	5	4	0	5	4	1	5	295	39	13.2	13	-25.6	0	0.00	0.0	14
PHS Wum	40	18	1	2	5	18	19	765	83	10.8	14	-28.0	1	0.06	0.5	12
CPC Bali	7	2	1		1			115	8	7.0	15	-31.9	1	0.50	0.5	5
<b>TOTAL</b>	<b>559</b>	<b>512</b>	<b>194</b>	<b>284</b>	<b>504</b>	<b>477</b>	<b>452</b>	<b>12,935</b>	<b>5024</b>	<b>38.8</b>			<b>194</b>			



## Qualitative analysis of TVEE Intermediate Level

PEA School	No Sat	No Pass	Grades count			Tot. Expect ed points	Tot. Points earned	% pass (points)	% Diff. with PEA Points	As per Points
			A	B	C					
PSST Bafut	1	1	3	4	3	33	20	60.6	21.1	1
PCSS Azire	11	11	29	31	41	354	190	53.7	14.2	2
PCHS Limbe	14	13	20	42	50	450	194	43.1	3.6	3
PCSS Mfou	1	1	3	2	1	33	14	42.4	2.9	4
PCSS Buea	14	13	28	35	20	459	174	37.9	-1.6	5
PCSS Fiango	13	10	7	26	43	426	116	27.2	-12.3	6
PCSS B'sadi	3	2		7	8	93	22	23.7	-15.8	7
<b>Total</b>	<b>57</b>	<b>51</b>	<b>90</b>	<b>147</b>	<b>166</b>	<b>1,848</b>	<b>730</b>	<b>39.5</b>		



## Qualitative analysis of TVEE Advanced Level

PEA School	No Sat	No Pass	Grades count					Tot. Expecte d points	Tot. Points earned	% pass (points)	% Diff. with PEA Points	Rank as per Points
			A	B	C	D	E					
PCSS B'sadi	3	3	0	7	13	1	0	115	69	60.0	16.2	1
PCSS Azire	5	5	7	6	3	10	5	200	93	46.5	2.7	2
PCHS Limbe	22	22	18	29	28	29	38	880	386	43.9	0.1	3
PCSS Buea	24	22	29	26	23	32	29	955	411	43.0	-0.8	5
PCSS Fiango	3	2	2	2	4	1	3	120	35	29.2	-14.6	6
	<b>57</b>	<b>54</b>	<b>56</b>	<b>70</b>	<b>71</b>	<b>73</b>	<b>75</b>	<b>2,270</b>	<b>994</b>	<b>43.8</b>		



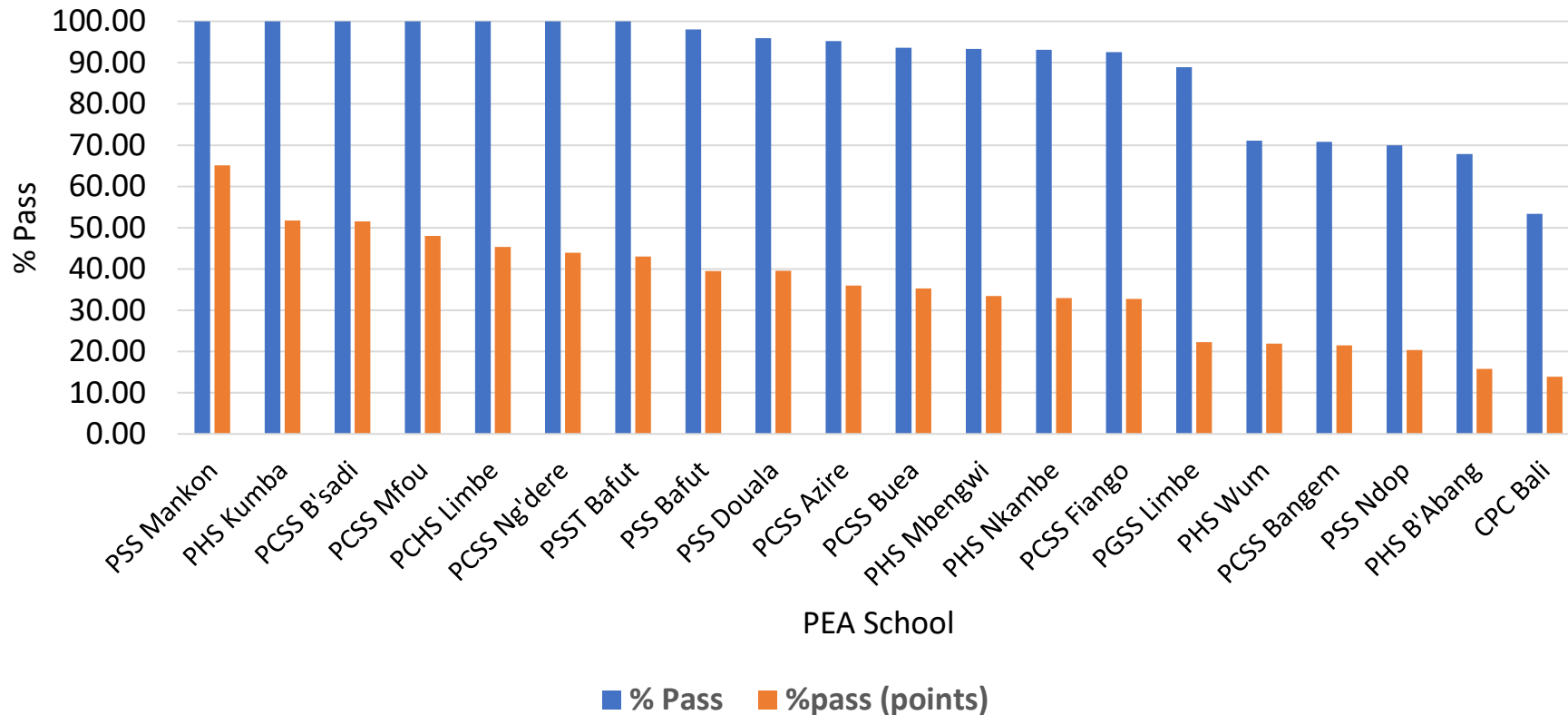
## Comparing quantity and quality

PEA	No. Sat	No. Pass	% Pass (quantity)	Points Exp.	Points Earned	% pass (points)
OL Gen.	739	663	89.72	22,821	8,911	39.0
AL Gen.	559	512	91.59	12,935	5,024	38.8
TVEE I	57	51	89.47	1,848	730	39.5
TVEE AL	57	54	94.74	2,270	994	43.8



# Comparing quantity and quality *cont.*

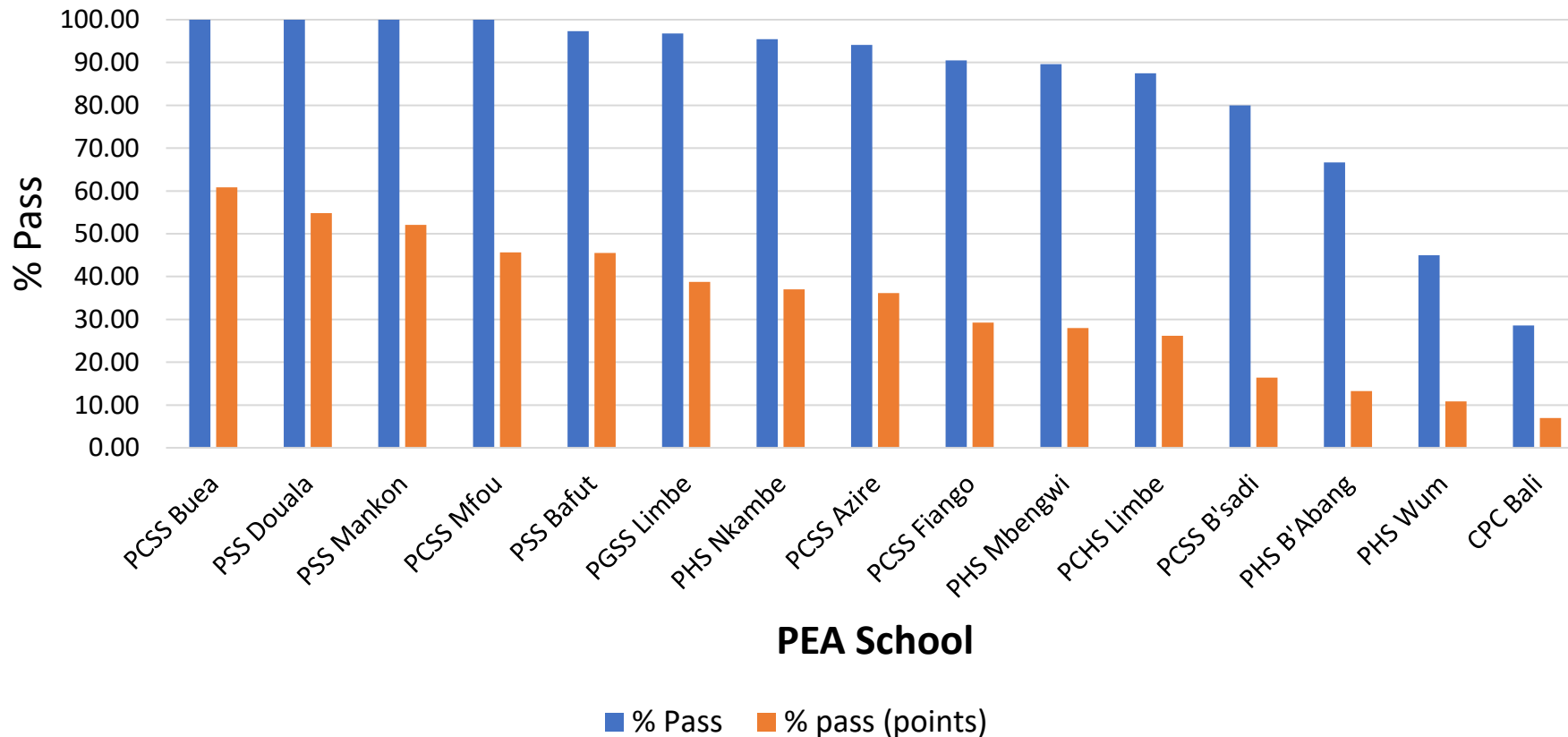
## GCE OL General





# Comparing quantity and quality *cont.*

## GCE AL General

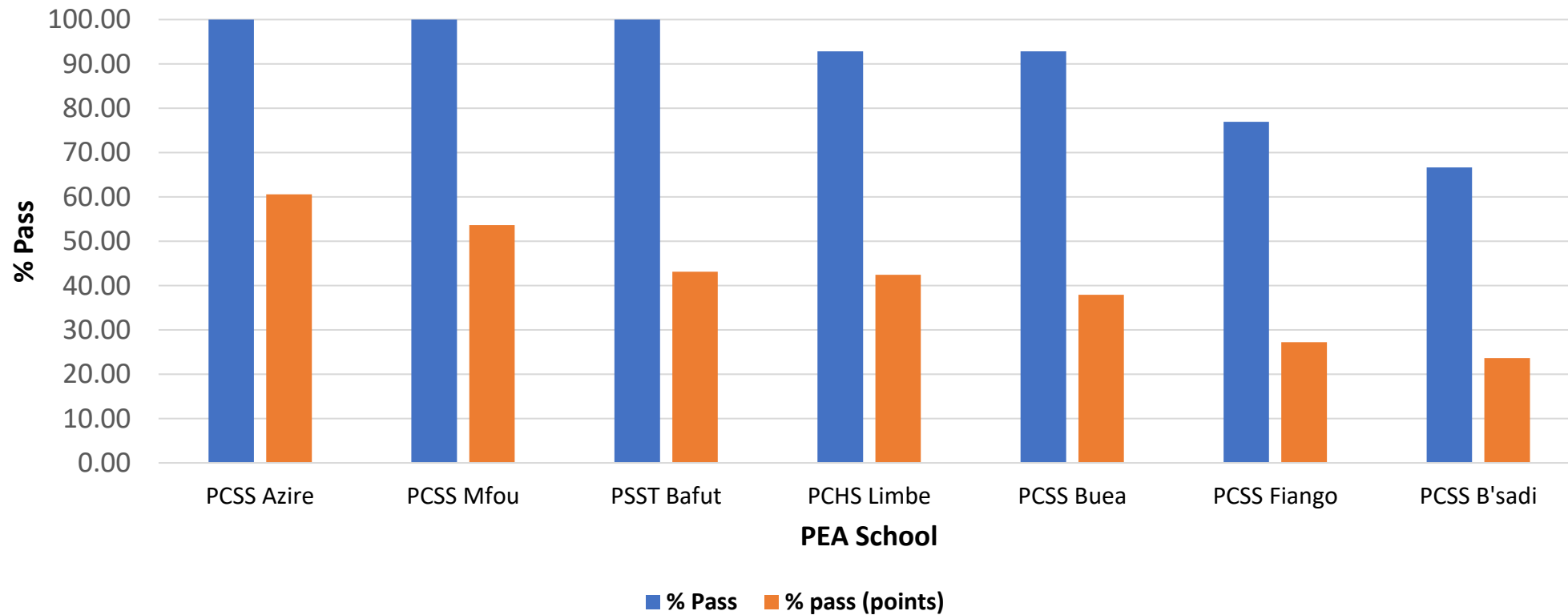






# Comparing quantity and quality *cont.*

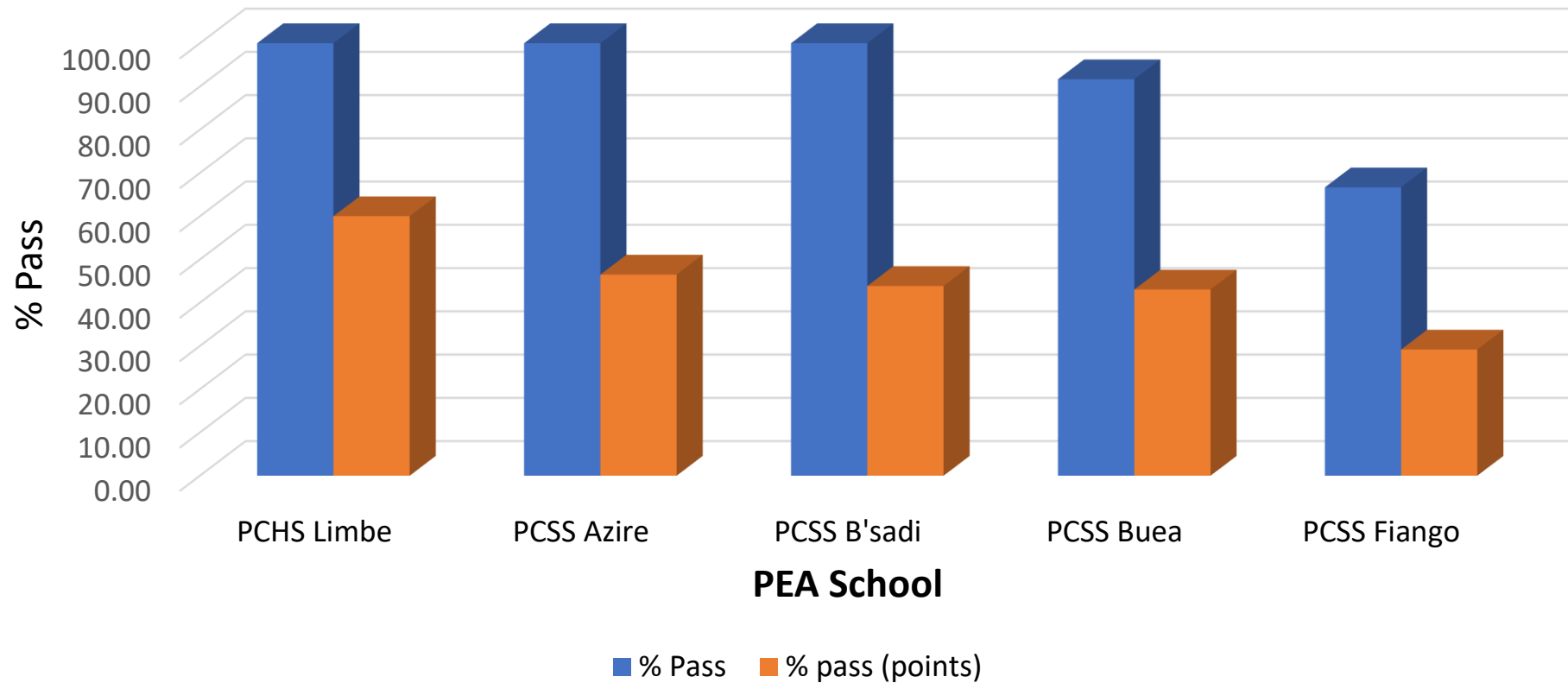
## TVEE Intermediate Level





# Comparing quantity and quality *cont.*

## TVEE Advanced Level





## National Honor's Roll Schools

### **GCE O/L General** (*62 schools nationwide*)

Nat. Rank	School	No. Sat	No. Pass	% Pass
16	PSS Mankon	58	58	100
27	PHS Kumba	32	32	100
38	PCSS Mfou	18	18	100
47	PCHS Limbe	14	14	100
59	PCSS Ngoundere	10	10	100



## National Honor's Roll Schools *cont.*

### **GCE A/L General** (28 schools nationwide)

Nat. Rank	School	No. Sat	No. Pass	% Pass
3	PCSS Buea	80	80	100
8	PSS Douala	59	59	100
11	PSS Mankon	52	52	100
15	PCSS Mfou	29	29	100



## National Honor's Roll Schools *cont.*

### **TVEE Intermediate Level** (*50 schools nationwide*)

Nat. Rank	School	No. Sat	No. Pass	% Pass
9	PCSS Azire	11	11	100
21	PCSS Buea	14	13	92.86
22	PCHS Limbe	14	13	92.86

### **TVEE Advanced Level** (*18 schools nationwide*)

Nat. Rank	School	No. Sat	No. Pass	% Pass
6	PCHS Limbe	22	22	100



## National Honor's Roll Candidates

### GCE O/L General (*44 candidates nationwide*)

Nat. Rank	Candidate	Subjects	Points	School
36	Tikum Awoh Claudia Faith	11	33	PSS Mankon
40	Mankah Favour Tumasang	11	33	PCSS Azire

### TVEE AL (*51 candidates nationwide*)

Nat. Rank	Candidate	Subjects	Points	School
16	Sokem Geofry Elad	8	38	PCHS Limbe



# Outstanding PEA Candidates

## GCE O/L General

Candidate	Subjects	Points	School	Remarks
Tikum Awoh Claudia Faith	11	33	PSS Mankon	National honor's roll # 36
Mankah Favour Tumasang	11	33	PCSS Azire	National honor's roll # 40
Okwen Efunwi Ayo Elikia	11	32	PSS Bafut	
Tamanjong Clovet	11	32	PCSS Mfou	
Bumuh Oneil Ntsam	11	31	PSS Mankon	
Eke Andregine Mbah	11	31	PHS Mbengwi	
Ade Brian Chi	11	30	PSS Bafut	
Kengum Kieran Nubed	11	30	PSS Bafut	
Nambu Thiara Lenor Tuo-uo	11	30	PSS Mankon	
Oben Joshua Orock-ngwah Jr	11	30	PCSS Mfou	
Tamambang Emmanuela Bih	11	30	PSS Mankon	
Werebesi Glamour Njei	11	30	PSS Mankon	
Akiepoh Cheryl Mbuokaping	11	30	PCSS B'di	



## Outstanding PEA Candidates *cont.*

### GCE A/L General

Candidate	Subjects	Points	School	Remarks
Chi Mikebryan Che	5	24	PSS Bafut	
Nkongho Emmanuel Odjaghe	5	24	PCSS Buea	
Ayukotang Lord-jayz Tarhbey	5	23	PCSS Mfou	
Elmine Namondo Nalionge Mbua	5	23	PGSS Limbe	
Tambong Elvira Etchi	5	23	PGSS Limbe	
Techa Pride Akana	5	23	PCSS Azire	

### TVEE Advanced Level

Candidate	Subjects	Points	School	Remarks
Sokem Geofry Elad	8	38	PCHS Limbe	National honor's roll # 16





## General Observations on Quality *cont.*

**Regarding Total 'A' grades, of the successful candidates:**

- GCE OL: 969 'A' grades for 663 candidates (1.5 avg.) compared to 602 'A' grades in 2021
- GCE AL: 194 'A' grades for 512 candidates (0.4 avg.) compared to 55 'A' grades in 2021
- TVEE IL: 90 'A' grades out of 51 candidates (1.8 avg.) compared to 57 in 2021
- TVEE AL 56 'A' grades out of 54 candidates (1.0 avg.) compared to 23 in 2021



## General Observations on Quality *cont.*

### Regarding Literacy and numeracy:

- GCE Ordinary level. Of the 663 successful candidates
  - 142 'A' grades in English Language compared to 98, 2021.
  - 194 'A' grades in Mathematics compared to 48 in 2021.
- TVEE Intermediate level
  - 9 'A' grades in English Language compared to 2, 2021.
  - 4 'A' grades in Mathematics compared to 0 in 2021.



## General Observations on Quality *cont.*

### Regarding Points:

- GCE Ordinary level: 2 candidate with 33 points compared to none in 2021
- GCE Advanced level: no candidate with 25 points, but 24 downwards compare to 20 downwards in 2021
- TVEE Intermediate level: no candidate with 33 just as in 2021
- TVEE Advanced level: 1 candidate with 38 points. Last year the best had 31 points



## General Observations on Quality *cont.*

These results, though better than those of 2021, points to a gap between the PEA's Mission and the quality achievement levels of PEA schools.



## Individual work (*Self-reflection*)

In the course of the 2021/2022 school year, how often did you

**A.** observe lessons in the classrooms?

1. Very often       2. Often       3. Rarely       4. Never

**B.** give feedback to students and teachers about their work

1. Very often       2. Often       3. Rarely       4. Never

**C.** organize pedagogic training workshops with teachers?

1. Very often       2. Often       3. Rarely       4. Never

**D.** hold Disciplinary council meetings?

1. Very often       2. Often       3. Rarely       4. Never



## Task

1. Reflect on innovative strategies to achieve better quality results in the PEA.
2. Write down what you will personally do to improve the results quality of your school.

## Improving learning achievements

- Provide enabling resources and spaces that promote blended learning
- Leadership focus on instructional practices (Leithwood, Harris, & Hopkins, 2008).
- Avoid disruptions to teaching and learning (time wasters)
- Transparency in the evaluation system
- Frequent monitoring of the teaching-learning process.
- Giving and receiving constructive feedback to and from learners and teachers
- Non-violence communication





## Improving learning achievements *cont.*

### The teacher effect matters

Outcome quality = Social background + Intelligence + Context + Teaching

**Teaching = Outcome** – [(Social background + Intelligence) – Context]

- The teacher remains the key as the quality of teaching has been found to contribute over 70% to learner competencies (UNESCO, 2005).
- Allow teachers space/facilities to function as they are major variables that contribute to quality outcomes through quality teaching (Gauthier & Dembélé, 2004; Marzano, 2007; Hattie, 2009).





## Improving learning achievements *cont.*

### The teacher effect matters:

- Necessity for the PEA to reflect on sustained investment in:
  - Teacher training/development,
  - Teacher remuneration & motivation
- Teacher support:
  - Coaching
  - Mentoring
  - **Constructive feedback**



## Conclusion

There is need for the furtherance of the ongoing reflection in the PEA on how the school system can reposition itself at the pinnacle of the Cameroon educational landscape.



**Thank you very much !**

**Merci beaucoup !**

**God bless the PEA !**



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