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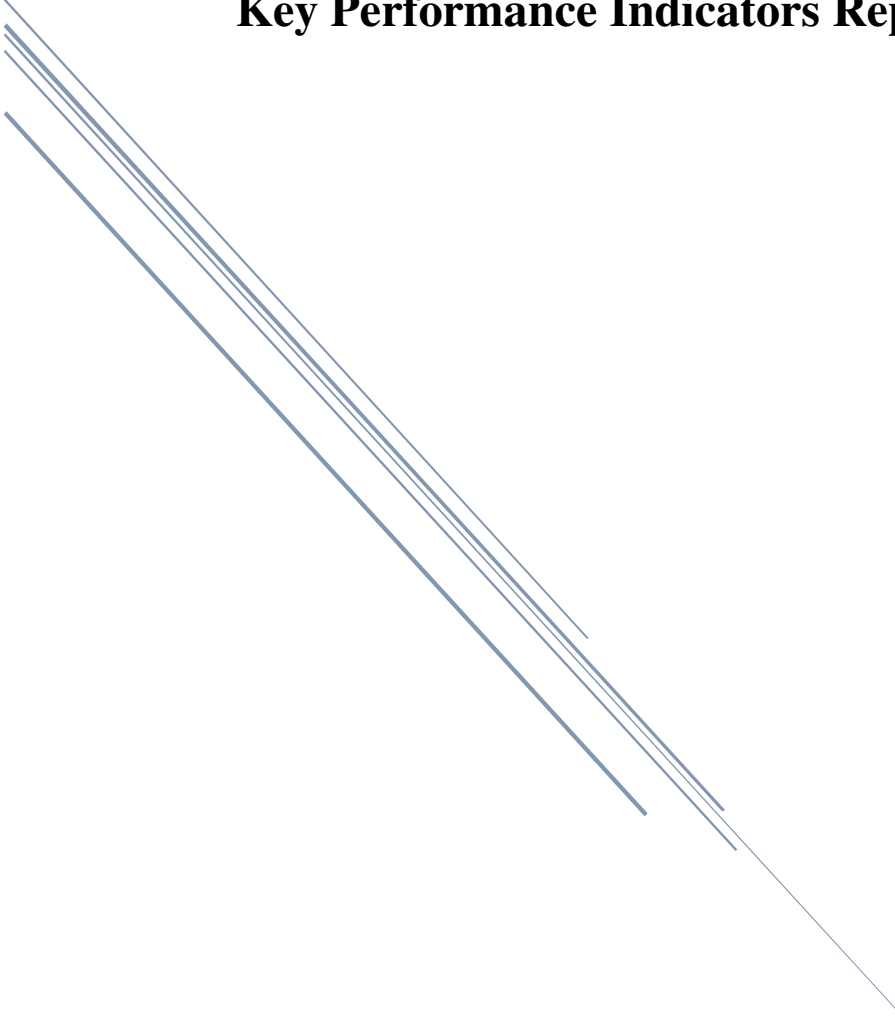


جامعة الجوف
Jouf University



المملكة العربية
السعودية
وزارة التعليم
جامعة الجوف

The Clinical Laboratory Sciences Program in Jouf University Key Performance Indicators Report



1442 AH



Key Performance Indicators (KPIs) Data for Clinical Laboratory Sciences Program, Year 1442 H with External Benchmark for Clinical Laboratory Sciences Program in Majmaah University.

Code	Key Performance Indicators	Actual Benchmark 1441-1442			Target Benchmark	Internal Benchmark 1440-1441	External Benchmark	New Target Benchmark
		Male	Female	Overall			MU	
KPI-P-01	Percentage of achieved indicators of the program operational plan objectives.	89%			90%	88.4%	53.7%	90%
KPI-P-02	Students' Evaluation of quality of learning experience in the program	4.2	4.0	4.1	4	3.73	2.25	4
KPI-P-03	Students' evaluation of the quality of the courses.	4.71	4.24	4.42	4.5	3.91	3.85	4.5
KPI-P-04	Completion rate.	47.1%	84%	69%	80%	76.4%	63.8%	80%
KPI-P-05	First-year students retention rate	89.53%	97.5%	93.2%	90%	100%	96.4%	100%
KPI-P-06	Students' performance in the professional and/or national examinations.	4.15%	4%	2.85%	20%	NA	15%	20%
KPI-P-07	Graduates' employability and enrolment in postgraduate programs.	8.0%	10.0%	9.0%	20%	26%	21%	20%
		0%	5%	2.5%	10.0%	8.0%	0%	10.0%
KPI-P-08	Average number of students in the class.	10.6	7.3	8.7	20	16	8.6	20
KPI-P-09	Employers' evaluation of the program graduates proficiency.	3.88	3.83	3.83	3.7	3.24	4.6	4.4

Code	Key Performance Indicators	Actual Benchmark 1441-1442	Target Benchmar	Internal Benchmar	External	New Target Benchmark
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					k	k	Benchmark		
		Male	Female	Overall	1440-1441	MU			
KPI-P-10	Students' satisfaction with the offered services.	3.89	3.75	3.84	4	3.4	3.6	4	
KPI-P-11	Ratio of students to teaching staff.	8.3:1	12.9:1	9.45:1	10:1	12:1	6.02:1	10:1	
KPI-P-12	Percentage of teaching staff distribution.	Professor	5%	0%	2.75%	10%	0%	0%	10%
		Assoc. professor	22.5%	12.5%	18.2%	20%	21%	33.3%	20%
		Asst. professor	62.5%	75%	68.05%	55%	68.5%	37%	55%
		Lecturer	10%	12.5%	10.8%	15%	10.5%	25.9%	15%
KPI-P-13	Proportion of teaching staff leaving the program.	0%	5.5%	2.8%	2%	8%	7.4%	2%	
KPI-P-14	Percentage of publications of faculty members.	68.3%	66.6%	67.5%	70%	69.5%	55.6%	80%	
KPI-P-15	Rate of published research per faculty member.	3.1	2.29	3.04	2	2.5	3.44	2.5	
KPI-P-16	Citations rate in refereed journals per faculty member.	20.75	9.5	15.5	6.5	20.8	25.3	20	
KPI-P-17	Satisfaction of beneficiaries with the learning resources.	4.01	3.95	4.03	3.9	3.47	3.3	4	

Code	Key Performance Indicators	Actual Benchmark 1441-1442	Target Benchmark	Internal Benchmark	External	New Target Benchmark
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						1440-1441	Benchmark	
		Male	Female	Overall			MU	
KPI-C-18	The percentage of interns who completed the clinical placements within the minimum required time.	79%	86%	83%	75%	80%	N A	85%
KPI-C-19	Percentage of Students who Participate in Community Service Campaigns	9.3%	14.5%	11.9%	20%	N A	N A	20%
KPI-C-20	Number of annual research grants received by the program's faculty members	6	4	5	5	NA	N A	5
KPI-C-21	The percentage of students' withdrawals from the program courses	2.77%	1.80%	2.35%	10%	NA	N A	10%



Key Performance Indicators Data for Clinical Laboratory Sciences Program, College of Applied Medical Sciences, Sakaka, Year 1442 H.

Code	Key Performance Indicators	Male	Female	KPI for Clinical Laboratory Program
KPI-P-01	Percentage of achieved indicators of the program operational plan objectives.	89%		
KPI-P-02	Students' Evaluation of quality of learning experience in the program	4.2	4.0	4.1
KPI-P-03	Students' evaluation of the quality of the courses.	4.51	4.83	4.55
KPI-P-04	Completion rate.	44.4%	82.1%	66.7%
KPI-P-05	First-year students retention rate	92.86%	95%	93.9%
KPI-P-06	Students' performance in the professional and/or national examinations.	8.3%	0%	2.3%
KPI-P-07	Graduates' employability and enrolment in postgraduate programs.	0%	0%	0%
		0%	0%	0%
KPI-P-08	Average number of students in the class.	7.9	4.6	6.0
KPI-P-09	Employers' evaluation of the program graduates proficiency.	4.16	4.16	4.16
KPI-P-10	Students' satisfaction with the offered services.	3.89	3.81	3.88
KPI-P-11	Ratio of students to teaching staff.	7.1:1	18.6:1	10.6:1
KPI-P-12	Percentage of teaching staff distribution (Gender).	71.4%	28.6%	100%
	Percentage of teaching staff distribution (ranking)	Professor: 0% Associate: 15% Assistant: 75% Lecturer: 10%	Professor: 0% Associate: 12.5% Assistant: 75% Lecturer: 12.5%	Professor: 0% Associate: 14.2% Assistant: 75% Lecturer: 10.8%



Code	Key Performance Indicators	Male	Female	KPI for Clinical Laboratory Program
KPI-P-13	Proportion of teaching staff leaving the program.	0%	0%	0%
KPI-P-14	Percentage of publications of faculty members.	70%	77.7%	72.4%
KPI-P-15	Rate of published research per faculty member.	4.3	3.9	4.2
KPI-P-16	Citations rate in refereed journals per faculty member.	19	14.8	17.7
KPI-P-17	Satisfaction of beneficiaries with the learning resources.	4.0	3.86	4.08
KPI-C-18	The percentage of interns who completed the clinical placements within the minimum required time.	83%	83%	83%
KPI-C-19	Percentage of Students Who Participate in Community Service Campaigns	6.5%	3.9%	5.2%
KPI-C-20	No of annual research grants received by the program's faculty members	9	6	7.5
KPI-C-21	The percentage of students' withdrawals from the program courses	2.14%	2.2%	2.2%



Key Performance Indicators Data for Clinical Laboratory Sciences Program, College of Applied Medical Sciences, Qurriyat Year 1442 H.

Code	Key Performance Indicators	Male	Female	KPI for Clinical Laboratory Program
KPI-P-01	Percentage of achieved indicators of the program operational plan objectives.	89%		
KPI-P-02	Students' Evaluation of quality of learning experience in the program	4.0	4.1	4.1
KPI-P-03	Students' evaluation of the quality of the courses.	4.91	3.66	4.29
KPI-P-04	Completion rate.	64.6%	90.9%	77.8%
KPI-P-05	First-year students retention rate	86.2%	100%	92.5%
KPI-P-06	Students' performance in the professional and/or national examinations.	0%	7.8%	3.4%
KPI-P-07	Graduates' employability and enrolment in postgraduate programs.	16%	20%	18%
		0%	10%	5%
KPI-P-08	Average number of students in the class.	13.3	9.9	11.4
KPI-P-09	Employers' evaluation of the program graduates proficiency.	3.6	3.5	3.5
KPI-P-10	Students' satisfaction with the offered services.	3.9	3.7	3.8
KPI-P-11	Ratio of students to teaching staff.	9.5:1	7.1:1	8.3:1
KPI-P-12	Percentage of teaching staff distribution (Gender)	55.5%	44.5%	100%
	Percentage of teaching staff distribution (ranking).	Professor: 10% Associate: 30% Assistant: 50% Lecturer: 10%	Professor: 0% Associate: 12.5% Assistant: 75% Lecturer: 12.5%	Professor: 5.5% Associate: 22.2% Assistant: 61.1% Lecturer: 11.1%



Code	Key Performance Indicators	Male	Female	KPI for Clinical Laboratory Program
KPI-P-13	Proportion of teaching staff leaving the program.	0%	11%	5.5%
KPI-P-14	Percentage of publications of faculty members.	66.6%	55.5%	61.1%
KPI-P-15	Rate of published research per faculty member.	3.1	0.67	1.88
KPI-P-16	Citations rate in refereed journals per faculty member.	22.8	3.83	13.4
KPI-P-17	Satisfaction of beneficiaries with the learning resources.	4.03	4.04	3.99
KPI-C-18	The percentage of interns who completed the clinical placements within the minimum required time.	75%	88%	82%
KPI-C-19	Percentage of Students Who Participate in Community Service Campaigns	12%	25%	19%
KPI-C-20	No of annual research grants received by the program's faculty members	2.0	1.0	1.5
KPI-C-21	The percentage of students' withdrawals from the program courses	3.4%	1.4%	2.5%

Standard 1: Mission and Goals

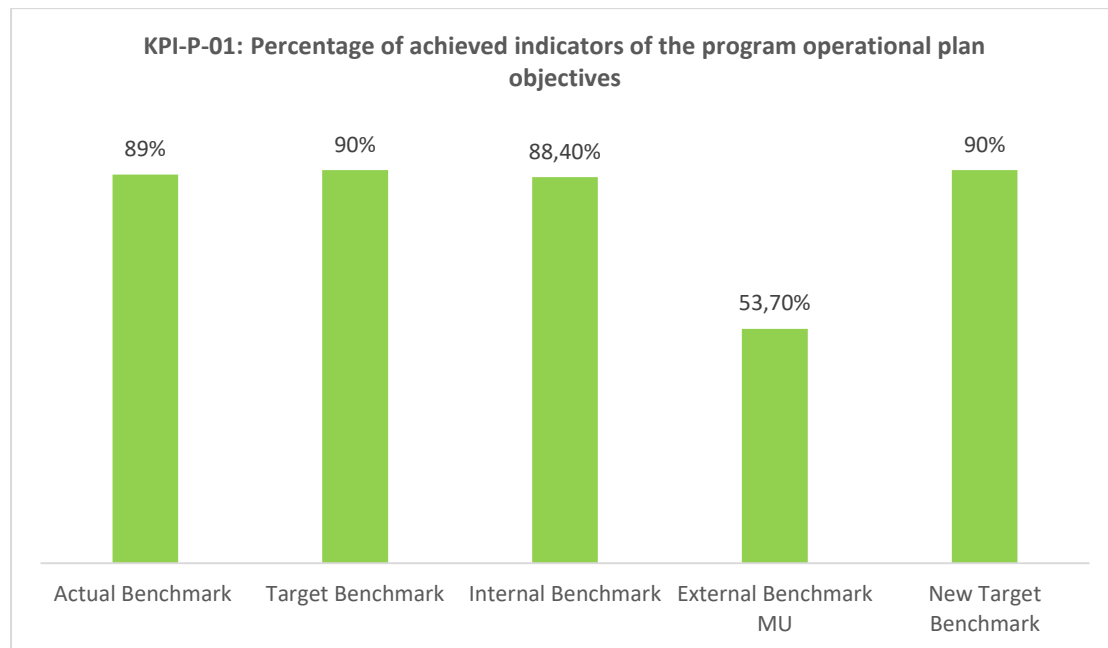
The Report of Key Performance Indicators for Bachelor of Clinical Laboratory Sciences Program, Year 1442 H

NCAAA KPI Reference Number: KPI-P-01

Program KPI Reference Number: KPI-P-01

KPI: Percentage of achieved indicators of the program operational plan objectives.

NCAAA KPI Reference Number: KPI-P- 01: Percentage of achieved indicators of the program operational plan objectives.							
Jouf University KPI Reference Number: KPI-P-01							
Actual Benchmark 1440				Target Benchmark	Internal Benchmark* 1438-1439	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	-	-	89%	90%	88.4%	53.7%	90%
Main Campus	-	-	89%				
Qurayyat branch	-	-	89%				



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program is 89% for this year (1441-142). This achievement is less than target (90%) and internal benchmark (88.4%) and is higher than external benchmark (53.7%).

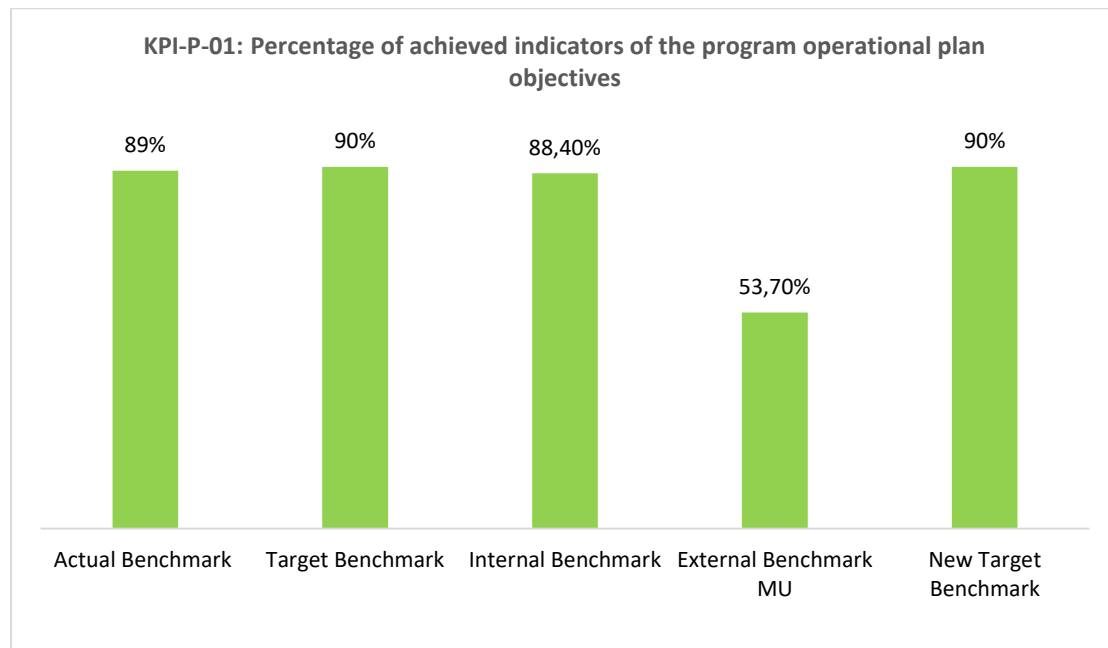
Strength: The program prepare annual operational plan to direct and control the

administrative and academic activities with a determined objectives. the achievement of the objective used as guideline for corrective actions and improvement plan.

Recommendation: Working on providing attention to the strategic plan activities

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark in the main campus is 89% for this year (1441-142). This achievement is less than target (90%) and internal benchmark (88.4%) and is higher than external benchmark (53.7%).

Strength: The program prepare annual operational plan to direct and control the administrative and academic activities with a determined objectives. the achievement of the objective used as guideline for corrective actions and improvement plan.



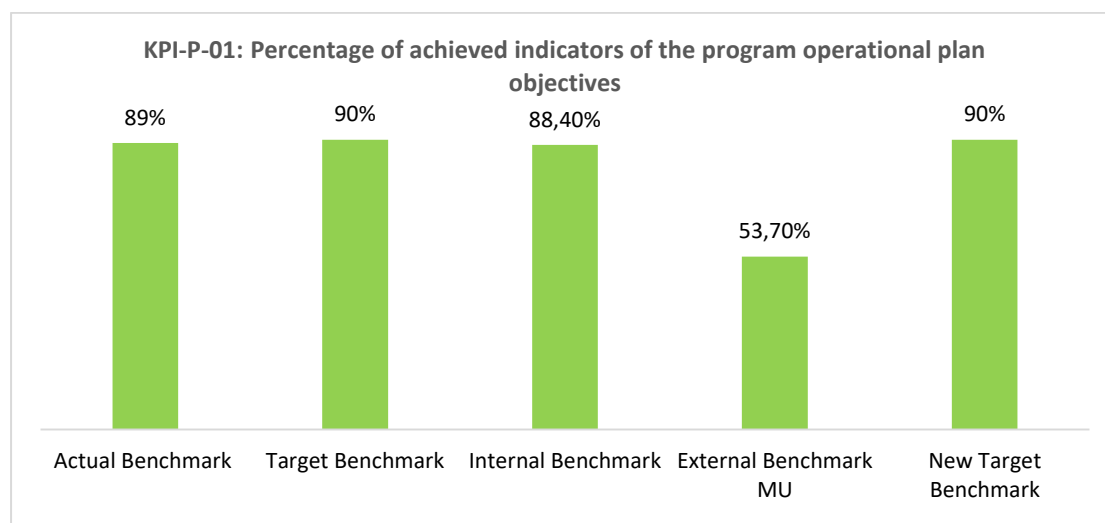
Recommendation: Working on providing attention to the strategic plan activities

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	93.0%	78.0%	89%
Female	89.0%	76.5%	89%
Program	91.0%	77.3%	89%

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark in the Qurayyat is 89% for this year (1441-142). This achievement is less than target (90%) and internal benchmark (88.4%) and is higher than external benchmark (53.7%).

Strength: The program prepare annual operational plan to direct and control the administrative and academic activities with a determined objectives. the achievement of the objective used as guideline for corrective actions and improvement plan.

Recommendation: Working on providing attention to the strategic plan activities

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	58.0%	41.2%	89%
Female	69.0%	52.9%	89%
Program	63.5%	47.1%	89%

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka Program

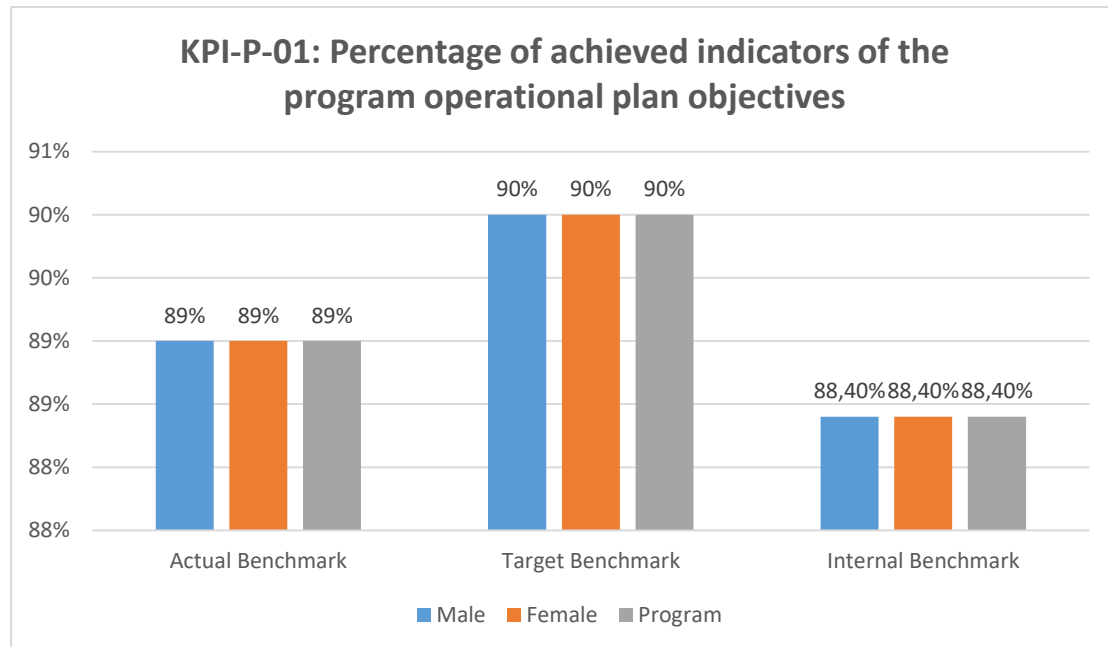
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the main is 89%. for the male section the achievement (89%) is equal with the female section (89%) these achievements of the actual benchmarks is slightly less than the target(90%) and slightly higher than internal benchmark (88.4%) .

Strength: The program prepare annual operational plan to direct and control the administrative and academic activities with a determined objectives. the achievement of the objective used as guideline for corrective actions and improvement plan.

Recommendation: Working on providing attention to the strategic plan activities

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

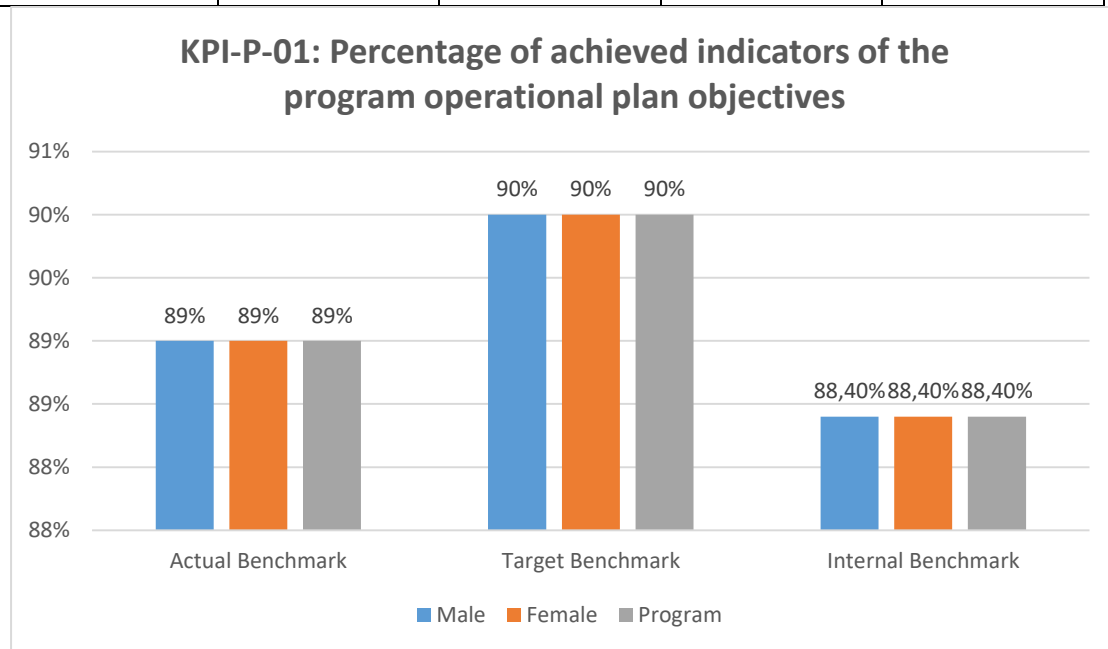
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
89%	90%	88.4%	53.7%	90%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program branch in Qurayyat is 89% . for the male section the achievement(89%) is equal to female section(89%) these achievements of the actual benchmarks is slightly is less than target(90%) and higher than internal benchmark (88.4%).

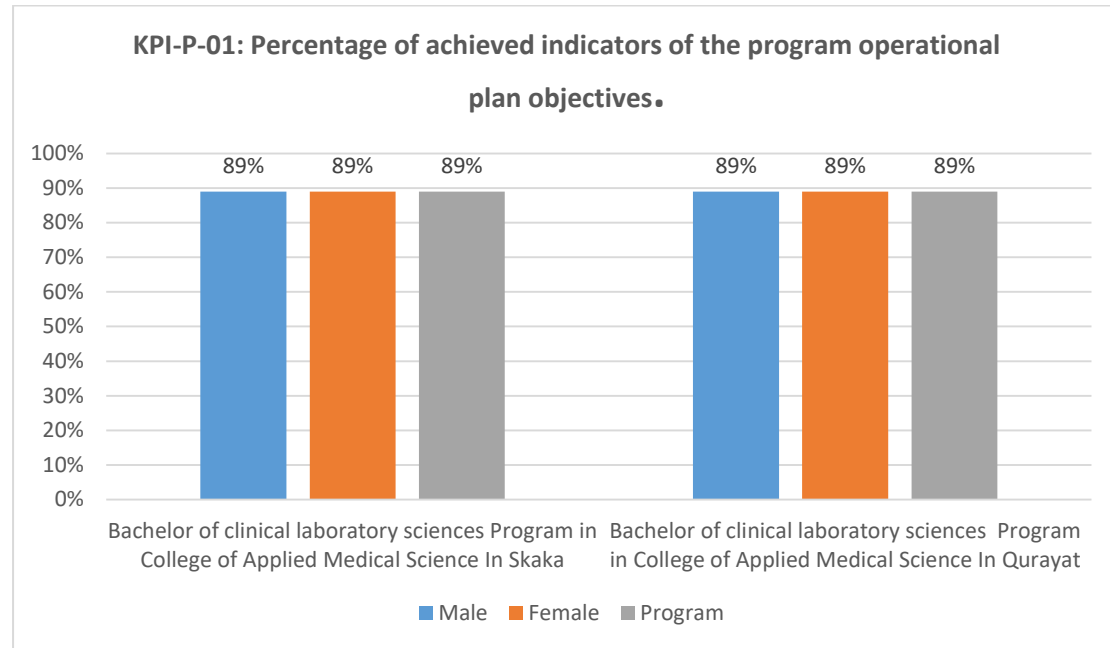
Strength: The program prepare annual operational plan to direct and control the administrative and academic activities with a determined objectives. the achievement

of the objective used as guideline for corrective actions and improvement plan.

Recommendation: Working on providing attention to the strategic plan activities .

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
89%	89%	89%	89%	89%	89%



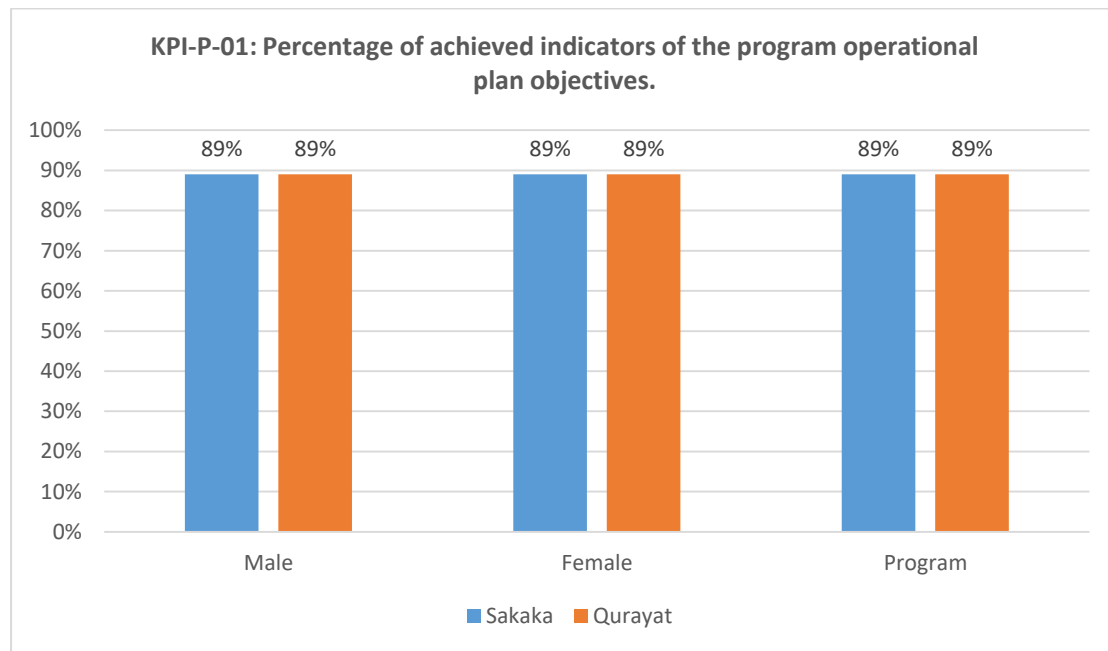
Analysis (list strengths and recommendations):

The actual benchmark shows that the Percentage of achieved indicators of the program operational plan objectives in the **Clinical Laboratory Sciences** program at main Campus and University Branch of Qurayat is 89.1%.

There is no difference between actual benchmarks of the female and to male and percentage of achieved indicators of the program operational plan objectives in the **Clinical Laboratory Sciences** program at the Main Campus and Qurayyat.

KPI-P-01 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
89%	89%	89%	89%	89%	89%



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program in Sakaka is 89% for this year (1441-1442) and same for Qurayat.

Strengths: The program is in continuous development through the increase in the indicator of the percentage of achieved indicators of the program operational plan for the Clinical Laboratory Sciences Program in the recent year, which achieved the target level of performance only in main campus in all scales of males, females and in program.

Recommendations: It is recommended that continuous evaluation for indicator of program operational plan objectives should be carried out to achieve the indicators in all branches of the University.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The Committee of the Strategic Plan in the **Clinical Laboratory Sciences** program was chosen because it is the responsible body at the **Clinical Laboratory Sciences** program operational plan.

2. How was the benchmark calculated?

Percentage of performance indicators of the operational plan objectives of the program that achieved the targeted annual level to the total number of indicators targeted for these objectives in the same year.

3. Name of the internal benchmark provider.

The KPI is provided by the Strategic Plan Committee of the **Clinical Laboratory Sciences** program.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **CLS** program in Majmaah University is as follows -

Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs. Also, Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems. The **CLS** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average of overall rating of final year students for the quality of learning experience in the **CLS** program on a five-point scale in an annual survey.

2. How was the benchmark calculated?

Percentage of performance indicators of the operational plan objectives of the program that achieved the targeted annual level to the total number of indicators targeted for these objectives in the same year.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

Standard 3: Teaching and Learning

NCAAA KPI Reference Number: KPI-P-02

Program KPI Reference Number: KPI-P-02

KPI: Students' Evaluation of quality of learning experience in the program

NCAAA KPI Reference Number: KPI-P-02: Students' evaluation of quality of learning experience in the program.							
Jouf University KPI Reference Number: KPI-P-02							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	4.2	4.0	4.1	4	3.73	2.25	4
Main Campus	4.2	4	4.1				
Qurayyat branch	4	4.1	4.1				

KPI Analysis of Students' evaluation of quality of learning experience in the Clinical Laboratory Sciences program.

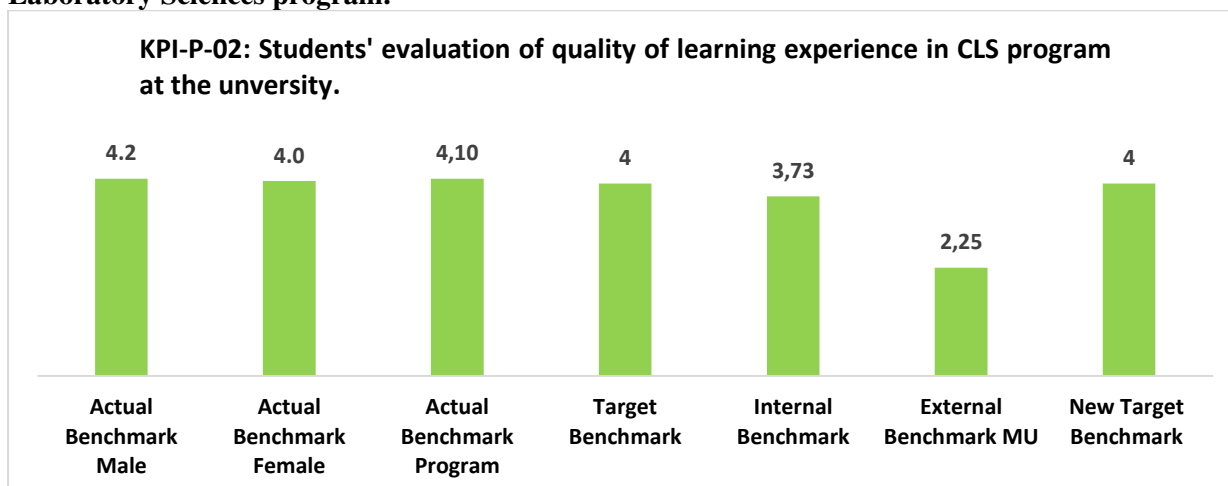
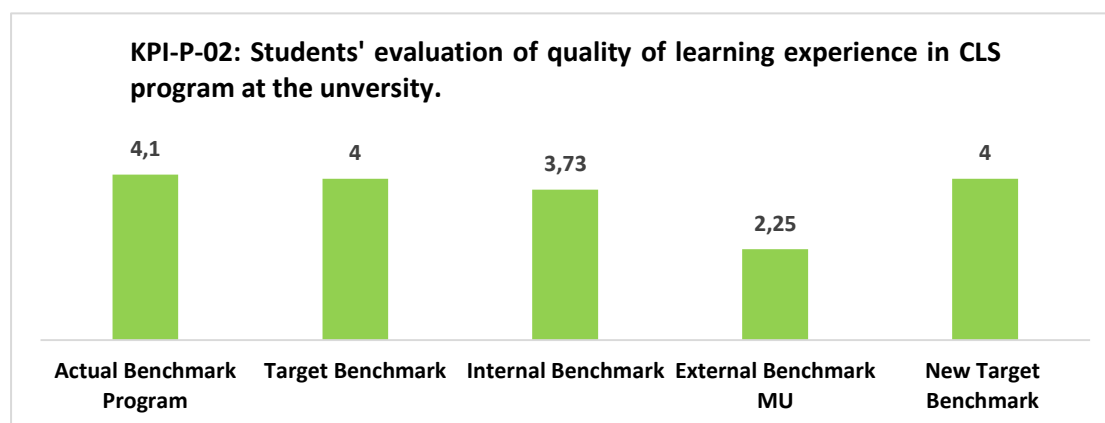


Figure 2: The Students' evaluation of quality of learning experience in the Clinical Laboratory Sciences program at the University level.

Figure 2: The actual Benchmark for the students' evaluation of quality of learning experience in the **Clinical Laboratory Sciences** program at the University level is 4.1. As, it is clear that the Students' male evaluation of quality of learning experience in the **Clinical Laboratory Sciences** program in the University level (4.1) considerably slightly higher than the students' female evaluation of quality of learning experience in the program (4.05). The actual benchmark is higher than internal benchmark of the last academic years (3.73) and higher than the target benchmark of (4.0). The external benchmark was carried out and the comparisons showed the actual benchmark was higher than those of Majmaah University (2.25).

KPI- P-02 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.1	4.0	3.73	2.25	4.0



Analysis (list strengths and recommendations):

Analysis: This KPI is evaluated using student experience assessment questionnaire prepared by NCAAA. The average achievement of actual benchmark for the program in the main campus is 4.1 which is higher than the target(4) and internal benchmark (3.73) for last year. This achievement is considered satisfied in comparison with the external benchmark(2.25).

Strength: The program equipped with all required learning resources and adequate qualified teaching staff.

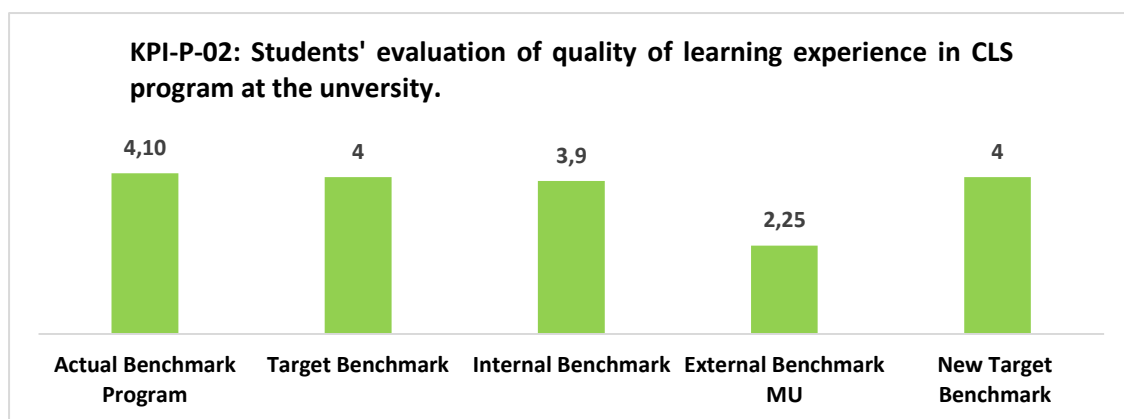
Recommendation: The program must providing attention to the teaching strategies and assessment method.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	4.5	3.46	4.2
Female	5	4	4.0
Program	4.75	3.73	4.1

KPI- P-02 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.1	4.0	3.9	2.25	4.0



Analysis (list strengths and recommendations):

Analysis: This KPI is evaluated using student experience assessment questionnaire prepared by NCAAA. The average achievement of actual benchmark for the program in Qurayyat branch is 4.1 which is higher than target(4) and internal benchmark (3.9) for last year. This achievement is considered satisfied if compared with the external benchmark(2.25).

Strength: The program equipped with all required learning resources and adequate qualified teaching staff.

Recommendation: The program must providing attention to the teaching strategies and assessment method.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.8	3.8	4.0
Female	3.9	4	4.1
Program	3.85	3.9	4.1

KPI- P-02 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

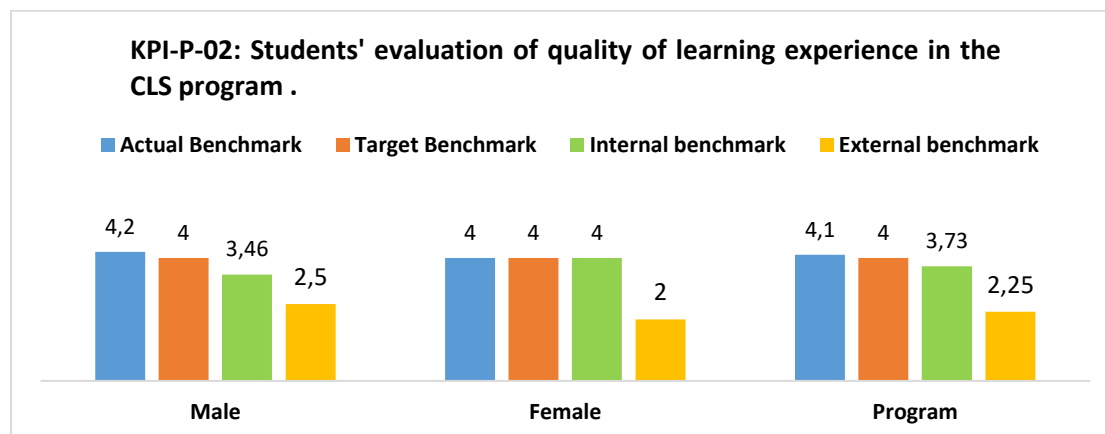
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.1	4.0	3.73	2.25	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.2	4.0	3.46	2.5	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.0	4.0	4.0	2.0	4.0



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the main campus is 4.1 out of 5 this achievement is higher than target and internal benchmarks (4 and 3.73) and higher than external benchmark(2.25). For the male and female sections the achievement almost the same (4.2 and 4) these achievements are slightly the same as target(4) and higher than internal benchmark (3.46) for males and almost the same for female section(4). Also, the achievement was found higher than external benchmark (2.5 and2.0)

Strength: the program equipped with all required learning resources and adequate qualified teaching staff.

Recommendation: the program must providing attention to the teaching strategies and assessment method.

KPI- P-02 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

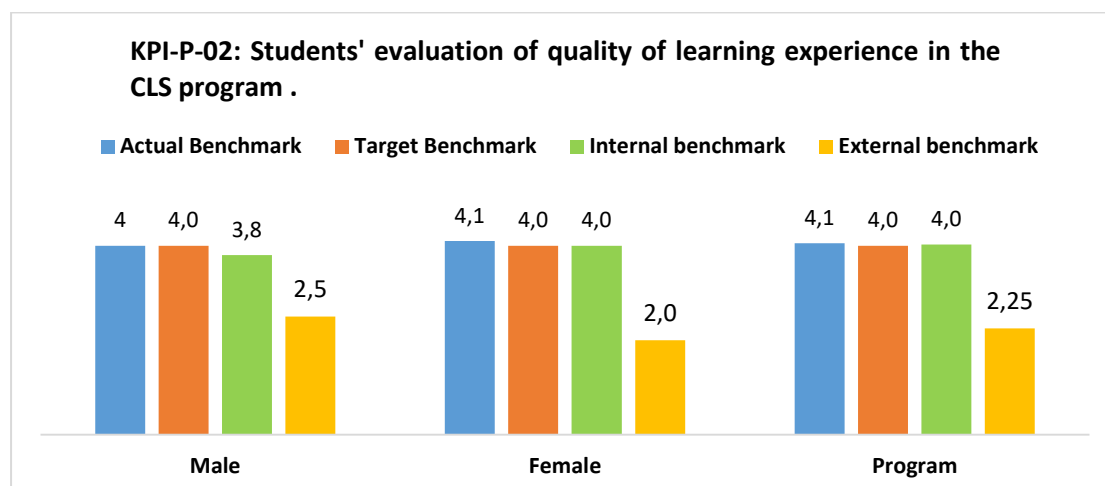
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.1	4.0	3.9	2.25	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.0	4.0	3.8	2.25	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.1	4.0	4.0	2.25	4.0



Analysis (list strengths and recommendations):

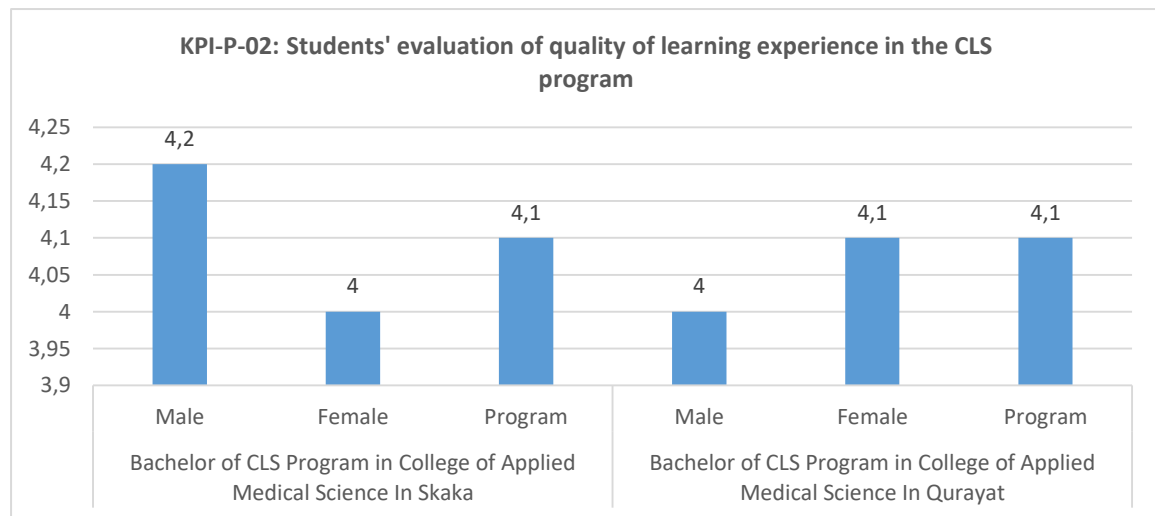
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 4.1 out of 5 this achievement is almost the same as target and internal benchmarks (4.0 and 4.0) and higher than external benchmark (2.25). For the male and female sections the achievement (4 and 4.1) are the same as target (4) and higher than internal benchmark (3.8 and 4.0) and higher than external benchmark (2.5 and 2.0).

Strength: the program equipped with all required learning resources and adequate qualified teaching staff.

Recommendation: the program must providing attention to the teaching strategies and assessment method.

KPI- P-02 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science

bachelor of CLS of applied medical science In Sakaka			bachelor of CLS program in college of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
4.2	4.0	4.1	4.0	4.1	4.1



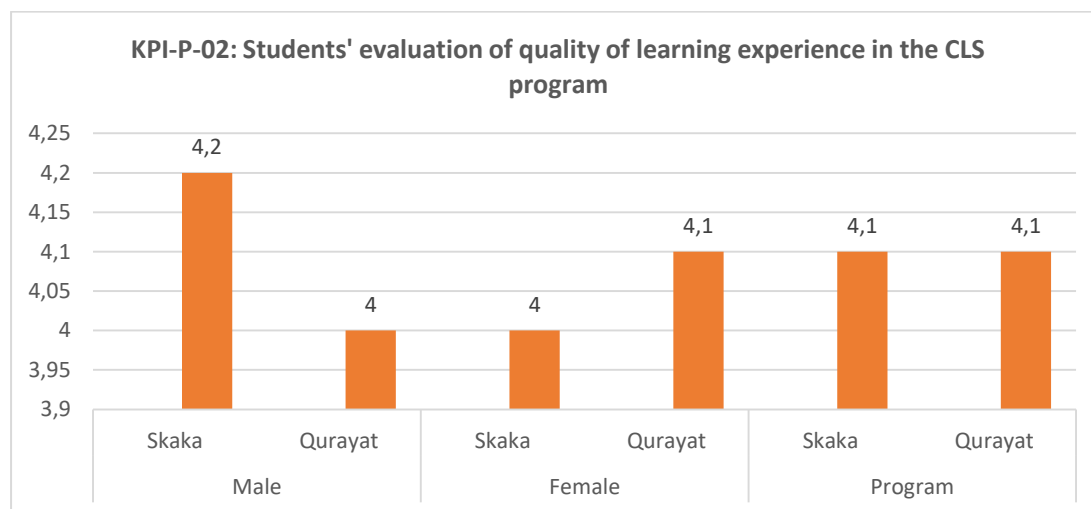
Analysis (list strengths and recommendations):

The actual benchmark shows that the Students' evaluation of quality of learning experience in the **Clinical Laboratory Sciences** program at the main Campus and University Branch of Qurayat is (4.1) and (4.1) respectively. As it clear that the Students' evaluation of quality of learning experience in the **Clinical Laboratory Sciences** program in the main campus considerably lower than the Students' evaluation of quality of learning experience in the program in the University Branch of Qurayat and University.

There is difference between actual benchmarks of the female 4.0) and(4.1) compared male (4.2) and (4.0) scales for Students' evaluation of quality of learning experience in the **Clinical Laboratory Sciences** program. In the university Branch of Qurayat, the **Clinical Laboratory Sciences** program for male and female Students' evaluation of quality of learning experience was considerably higher (4.1) and (4.0) than the male and female Students' evaluation of quality of learning experience in the program main Campus (4.2) and (4.0).

KPI- P-02 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
4.2	4.0	4.0	4.1	4.1	4.1



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program in Sakaka is 4.1 for this year (1440-1441) compared to 4.1 for Qurayat. For the male the actual benchmark in Sakaka is slightly higher than Qurayat (4.2 vs 4) in comparison the achievement of actual benchmark for females in Qurayat is slightly higher than in Sakaka (4.1 vs 4).

Strengths: In all branches of the University program of Clinical Laboratory sciences, the results was slightly less than the target benchmark value of (4) and thus the new benchmark is (5.0) and this indicator was not achieved except in the male section of the University of Branch of Qurayat where it was slightly lower than the target benchmark.

Recommendations: It is recommended that maintain the improvement in program orientation for the new students with accurately updated academic guidance and distribute the guidelines at the beginning of each year should be adopted.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The Committee of the Teaching and Learning in the Clinical Laboratory Sciences program was chosen because it is the responsible body at the Clinical Laboratory Sciences program quality of learning experience.

2. How was the benchmark calculated?

Average of overall rating of final year students for the quality of learning experience in the Clinical Laboratory Sciences program on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

The KPI is provided by the Committee of the Teaching and Learning in the Clinical Laboratory Sciences program.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark Clinical Laboratory Sciences program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The Clinical Laboratory Sciences program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average of overall rating of final year students for the quality of learning experience in the **Clinical Laboratory Sciences** program on a five-point scale in an annual survey.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAAA KPI Reference Number: KPI-P-03

Program KPI Reference Number: KPI-P-03

KPI: Students' evaluation of the quality of the courses.

NCAAA KPI Reference Number: KPI-P- 03: Students' evaluation of quality of learning experience in the program.							
Jouf University KPI Reference Number: KPI-P-03							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	4.71	4.24	4.42	4.50	4.30	3.85	4.50
Main Campus	4.51	4.83	4.55				
Qurayyat branch	4.91	3.66	4.29				

KPI Analysis of Students' evaluation of the quality of the courses in the Clinical Laboratory Sciences program

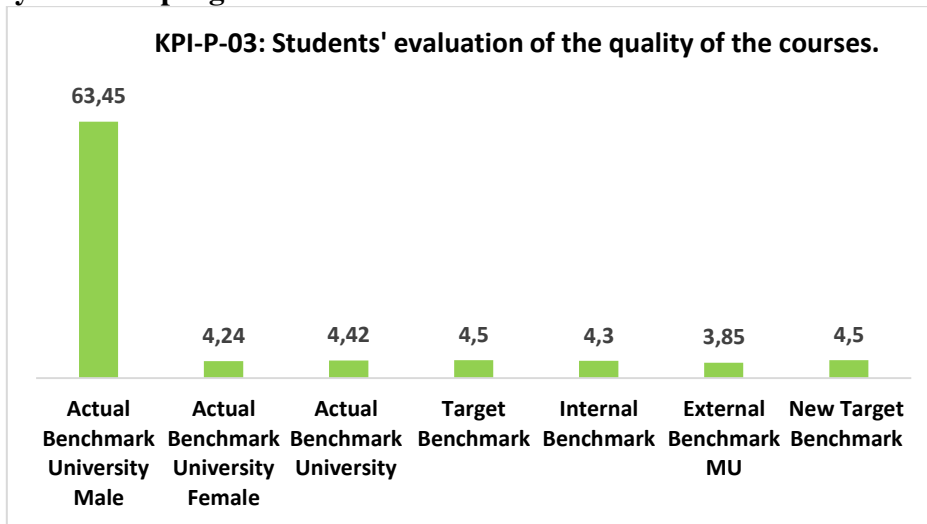
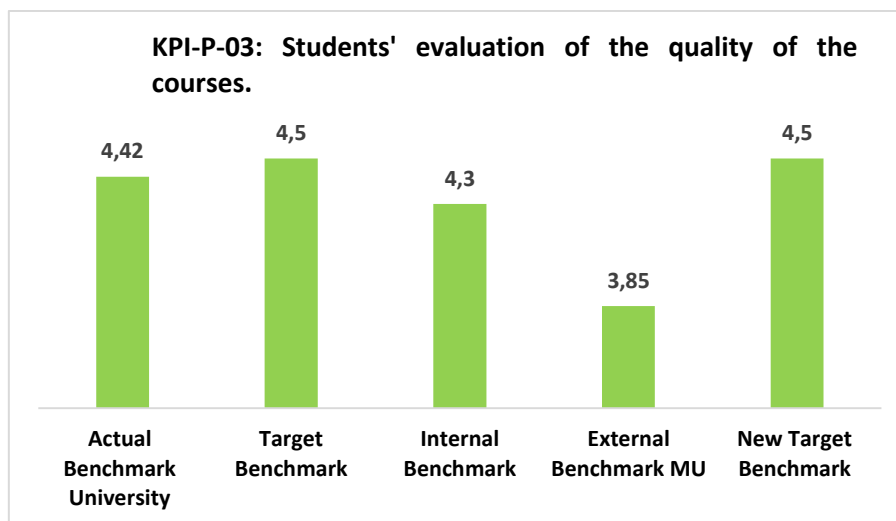


Figure 4: The Students' evaluation of the quality of the courses in the Clinical Laboratory Sciences program at the University level.

Figure 4: The actual Benchmark for the Students' evaluation of the quality of the courses in the **Clinical Laboratory Sciences** program at the University level is 4.42. As, it is clear that the Students' male evaluation of the quality of the courses in the **Clinical Laboratory Sciences** program in the University level (4.71) considerably higher than the Students' female evaluation of the quality of the courses in the program (4.24). The actual benchmark was found to be less than target and internal benchmark (4.5 and 4.30) and higher than the external benchmark Majmaah University (3.85).

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.55	4.5	4.3	3.85	4.5



Analysis (list strengths and recommendations):

Analysis: This KPI is evaluated using student assessment questionnaire prepared by NCAAA. The average achievement of actual benchmark for the program in the main campus is 4.55 which is higher than target (4.5) and internal benchmark (4.3) for last year but this achievement is considered higher than the external benchmark (3.85).

Strength: There is a sustainable mechanism for course evaluation and improvement plan prepared for each course.

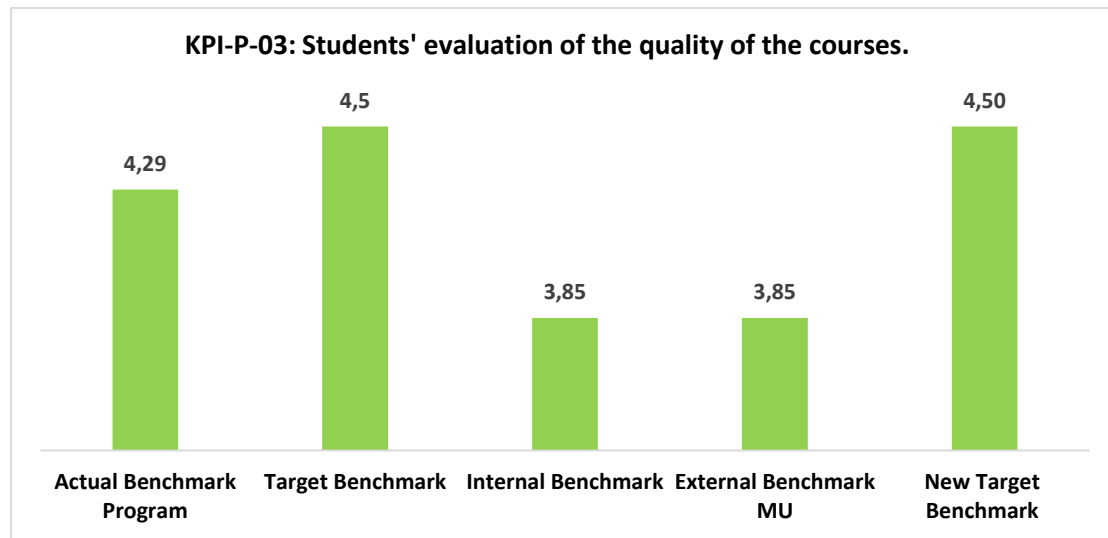
Recommendation: the program must adopt and monitor the action plans to ensure better course evaluation both sections.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	4.0	4.25	4.51
Female	3.27	4.18	4.83
Program	3.76	4.21	4.55

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.29	4.5	3.85	3.85	4.5



Analysis (list strengths and recommendations):

Analysis: This KPI is evaluated using student assessment questionnaire prepared by NCAAA. The average achievement of actual benchmark for the program in Qurayyat branch is 3.82 which is less than the target (4.5) and internal benchmark (3.85) for last year but this achievement is considered almost the same as external benchmark(3.85).

Strength: There is a sustainable mechanism for course evaluation and improvement plan prepared for each course.

Recommendation: the program must adopt and monitor the action plans to ensure better course evaluation both sections.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.8	3.8	4.91
Female	3.9	4	3.66
Program	3.85	3.9	4.29

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.55	4.5	4.30	3.85	4.5

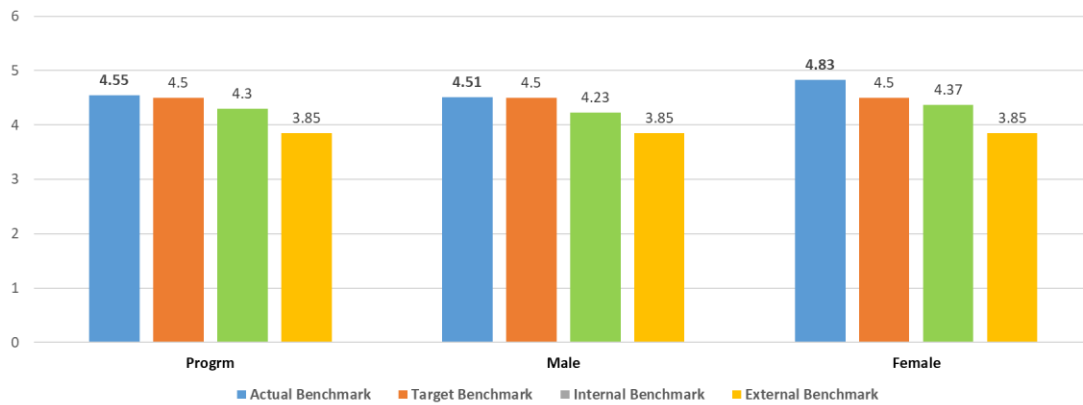
(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.51	4.5	4.23	3.85	4.5

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.83	4.5	4.37	3.85	4.5

KPI-P- 03: Students' evaluation of the quality of the courses.



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the main campus is 4.67 out of 5 this achievement is higher than target and internal benchmarks(4.5 and 4.3) and higher than external benchmark(3.85). For the male the achievement is(4.51) which is less than female sections (4.83) these achievements are slightly higher than target(4.5) and internal benchmark (4.23 and4.37) and higher than external benchmark(3.94 and 3.75) for males and females respectively.

Strength: the program equipped with all required learning resources and adequate qualified teaching staff.

Recommendation: the program must providing attention to the teaching strategies and assessment method.

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

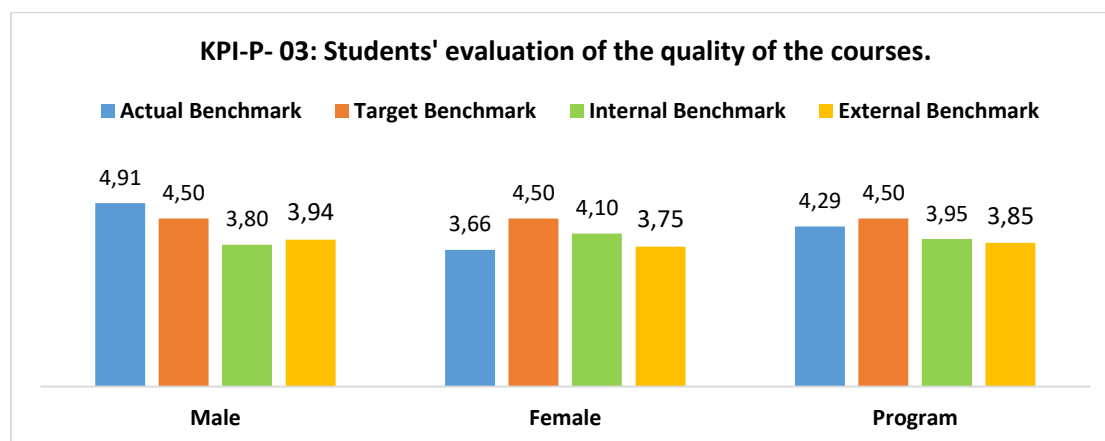
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.29	4.5	3.95	3.85	4.5

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.91	4.5	4.1	3.85	4.5

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.66	4.5	3.8	3.85	4.5



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 4.29 out of 5 this achievement is less than target(4.5) and higher than internal benchmarks and external benchmark(3.95and 3.85). For the males section the achievement is(4.91) which is high than female sections (3.66).

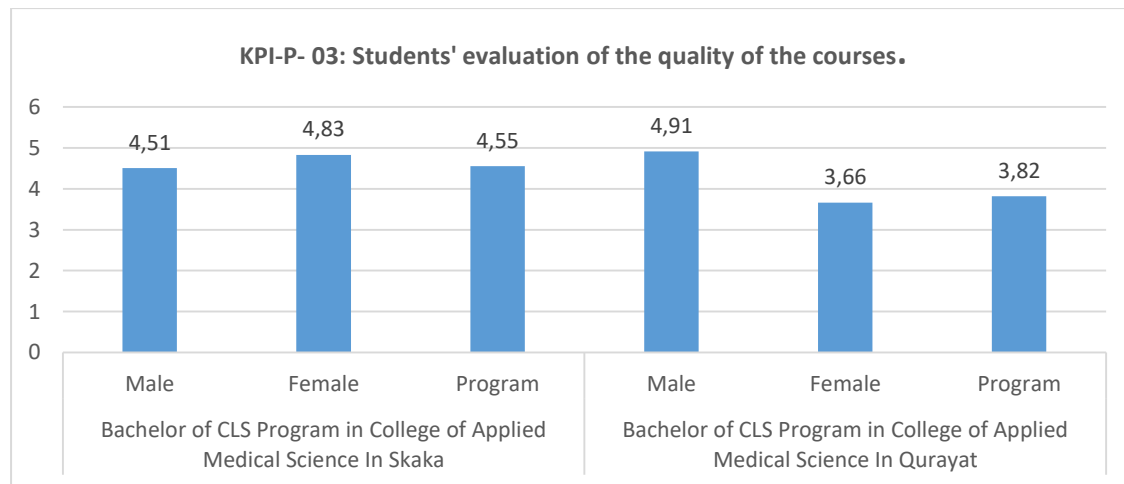
Also, the male section achievements are slightly higher than target(4.5) and internal benchmark (3.8) whereas female achievement are less than internal and external benchmark(4.1 and 3.75).

Strength: the program equipped with all required learning resources and adequate qualified teaching staff.

Recommendation: the program must providing attention to the teaching strategies and assessment method.

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

bachelor of clinical laboratory sciences program in college of applied medical science in Sakaka			bachelor of clinical laboratory sciences program in college of applied medical science in Qurayat		
Male	Female	Program	Male	Female	Program
4.51	4.83	4.55	4.91	3.66	3.82



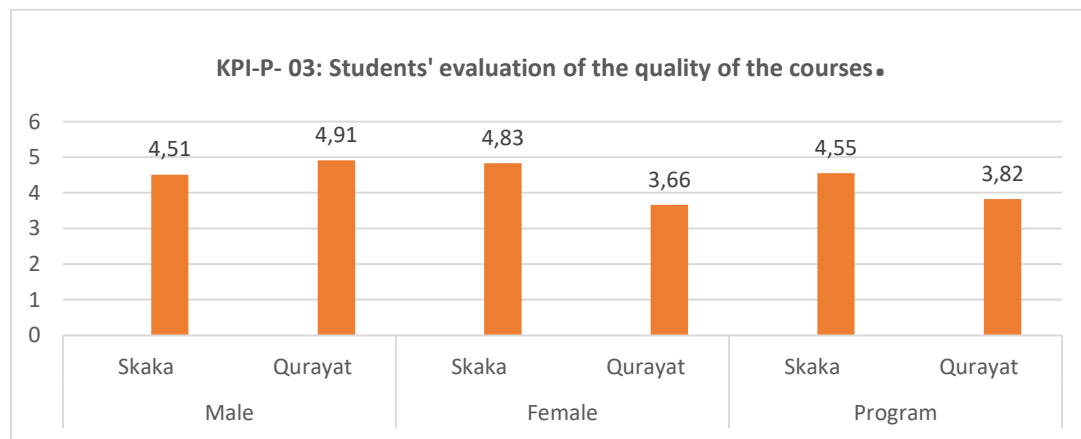
Analysis (list strengths and recommendations):

The actual benchmark shows that the Students' evaluation of the quality of the courses in the Clinical Laboratory Sciences program at the main Campus and University Branch of Qurayat is (4.55) and (3.82) respectively. As it clear that the Students' evaluation of the quality of the courses in the Clinical Laboratory Sciences program in the main campus was considerably higher than the Students' evaluation of the quality of the courses in the program in the University Branch of Qurayat and University. There is difference between actual benchmarks of the female (4.83) and male (4.51) scales for Students' evaluation of the quality of the courses in the Clinical Laboratory Sciences program at the Main Campus was which high than the University. In the University Branch of Qurayat, the Clinical Laboratory Sciences program for male (4.91) and female (3.66) Students' evaluation of the quality of the courses was lower than the male (4.21) and (3.67) Students' evaluation of the quality of the courses in the program main Campus.

KPI- P-03 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
4.51	4.91	4.83	3.66	4.55	3.82



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program in Sakaka is 4.55 for this year (1440-1441) compared to 3.82 for Qurayat. For the male the actual benchmark in Sakaka is slightly less than Qurayat (4.51 vs 4.91) in comparison the achievement of actual benchmark for females in Sakaka is slightly higher than in Qurayat (4.83 vs 3.66).

Strengths: The program indicator of the objectives of student evaluation of learning the courses for the Clinical Laboratory Sciences Program in the recent year is close to the target benchmark.

Recommendations: There should be more emphasis and encouragement to the students to focus on their academics. The students did not focus seriously in online classes due to COVID-19-19+ pandemic and achieved low degrees which did not please them. The students should also be educated to highlight the significance of an honest evaluation about the quality of courses without any conflict of interest.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

The benchmark was calculated based on applying the student evaluation questionnaire for the quality of the courses on a five-level scale in a survey annual.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average students overall rating for the quality of courses on a five-point scale in an annual survey.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

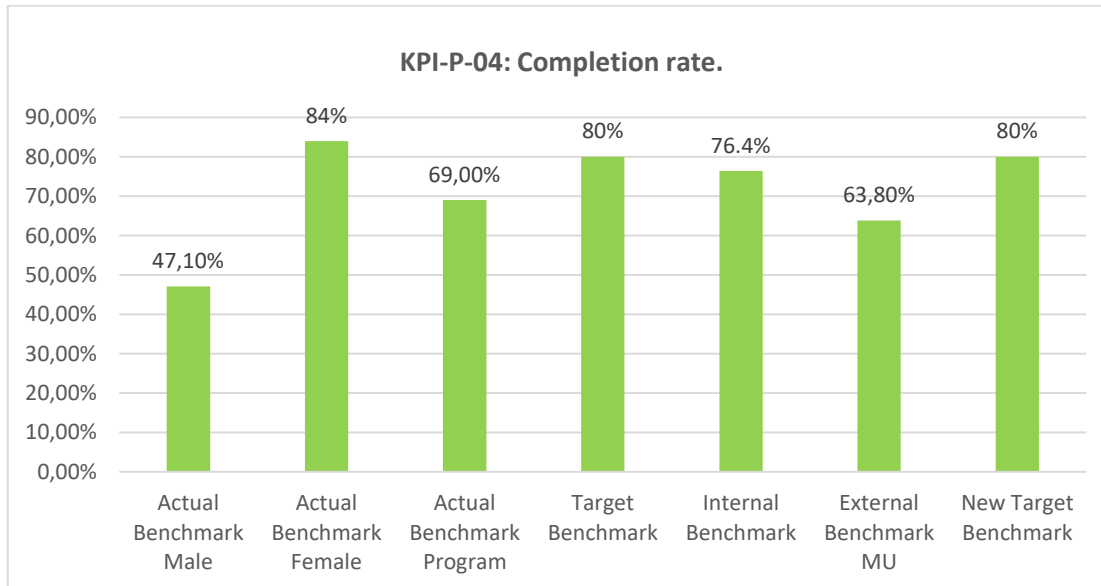
NCAAA KPI Reference Number: KPI-P-04

Program KPI Reference Number: KPI-P-04

KPI: Completion rate

NCAAA KPI Reference Number: KPI-P- 04: Completion rate.							
Jouf University KPI Reference Number: KPI-P-04							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	47.1%	84%	69%	80%	76.4%	63.8%	80%
Main Campus	44.4%	82.1%	66.7%				
Qurayyat branch	64.6%	90.9%	77.8%				

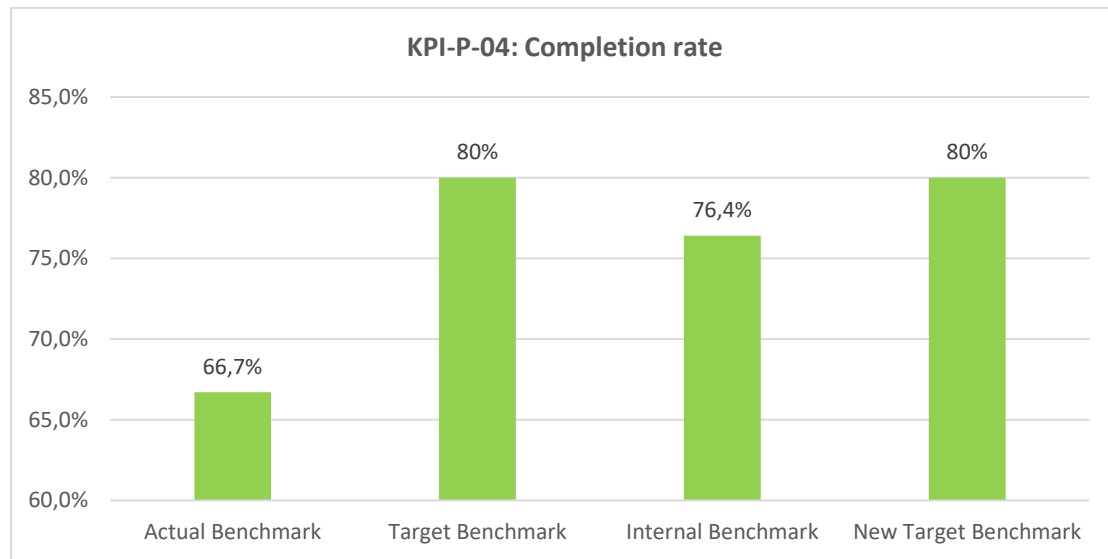
KPI Analysis of Completion rate in the Clinical Laboratory Sciences program.



The actual Benchmark for the completion rate in the **Clinical Laboratory Sciences** program at the University level is 69%. The male students' completion rate in the **Clinical Laboratory Sciences** program in the University level (47.1%) was considerably lower than the female students' completion rate in the program (84%). The comparison of internal benchmark of the last academic years was lower (76.4%) than the actual benchmarks and target benchmark of (80%). The actual benchmark was found to be higher than external benchmark (63.8%).

KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
66.7%	80%	76.4%	63.8%	80%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by students' affairs. The average achievement of actual benchmark for the program in the main campus is 66.7% which is less than target(80%) and internal benchmark (76.4%) for last year. In comparison of this achievement is considered less than the external benchmark (63.8). The KPI's value show that there are some difficulties facing the students in progress to complete the programs syllabus and

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

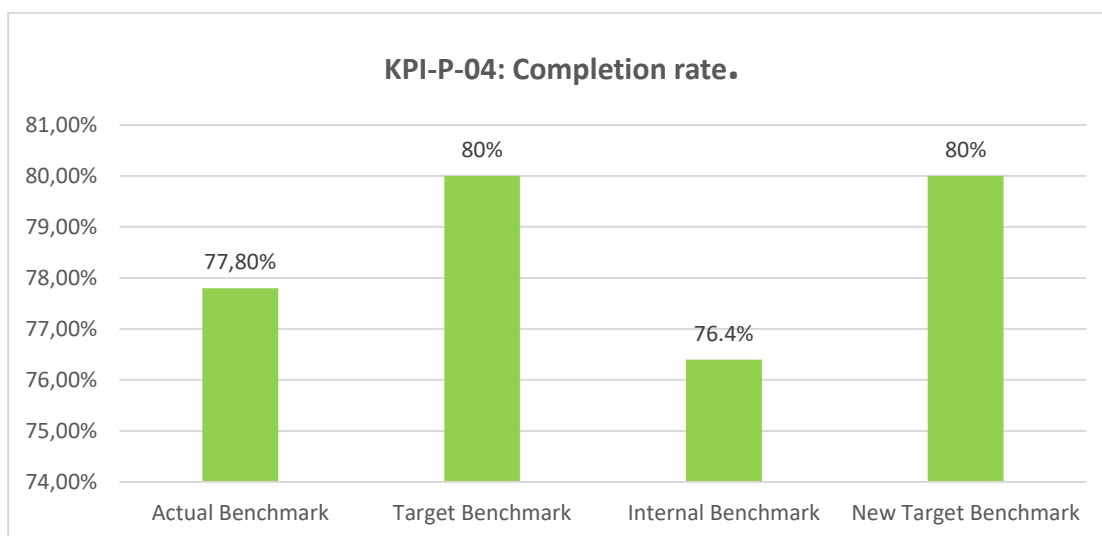
Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	50%	61.5%	44.4%
Female	77%	89.2%	82.1%

Program	72%	80.5%	66.7%
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KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
77.8%	80%	76.4%	63.8%	80%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by students' affairs. The average achievement of actual benchmark for the program in Qurayyat branch is 77.8% which is less than target (80%) but higher than the internal benchmark (76.4%) for last year. In comparison the external benchmark (63.8) this achievement is considered not satisfied. The KPI's value show that there are some difficulties facing the students in progress to complete the programs syllabus at specified time.

Strength: the program adopt an effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	80%	0%	64.6%
Female	97%	64.3%	90.9%
Program	95%	64.3%	77.8%

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KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

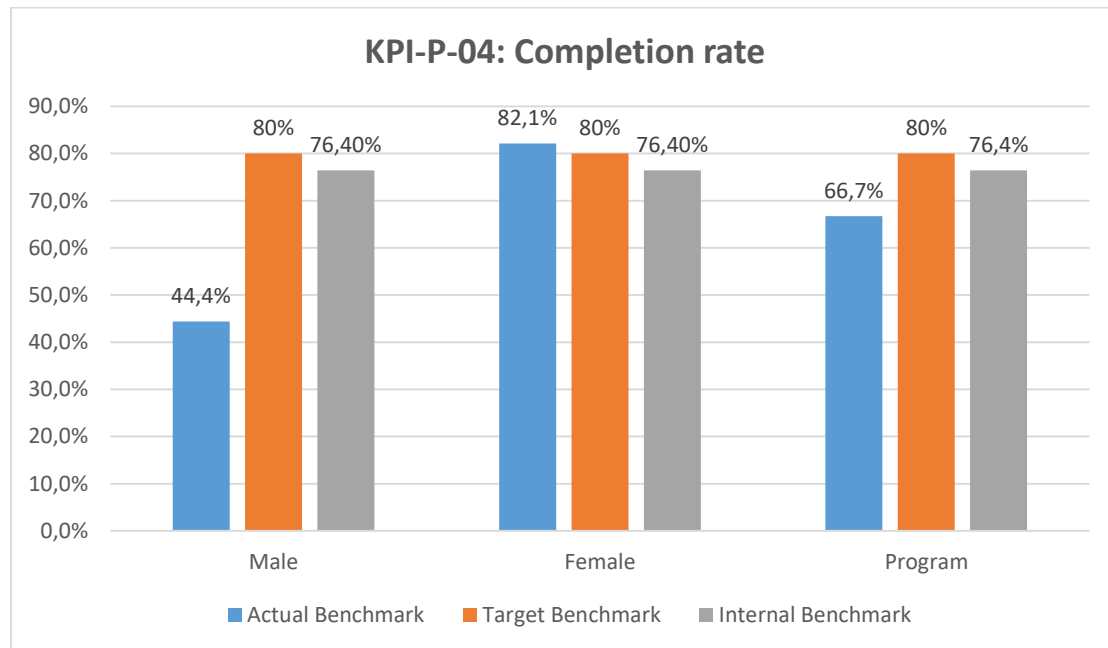
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
66.7%	80%	76.4%	63.8%	80%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
44.4%	80%	76.4%	63.8%	80%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
82.1%	80%	76.4%	63.8%	80%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the main campus is 66.7% this achievement is less than target(80%) and internal benchmarks (76.4%) and higher than external benchmark(63.8%). For the male the achievement is (44.4%) which is lower than female sections (82.1%) these achievements were found less than target(80%).

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

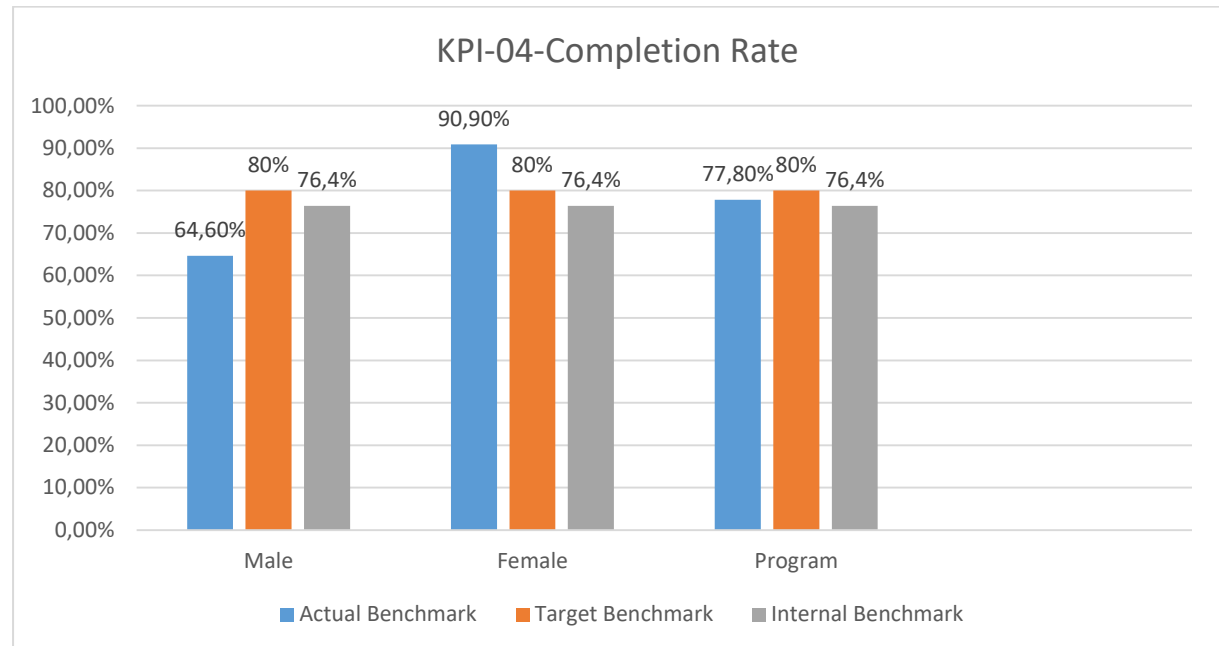
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
77.8%	80%	76.4%	63.8%	80%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
64.6%	80%	76.4%	63.8%	80%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
90.9%	80%	76.4%	63.8%	80%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the qurrayat campus is 77.8% this achievement is less than target(80%). For the male the achievement is (64.6%) which is less than female sections (90.9%). . For male the



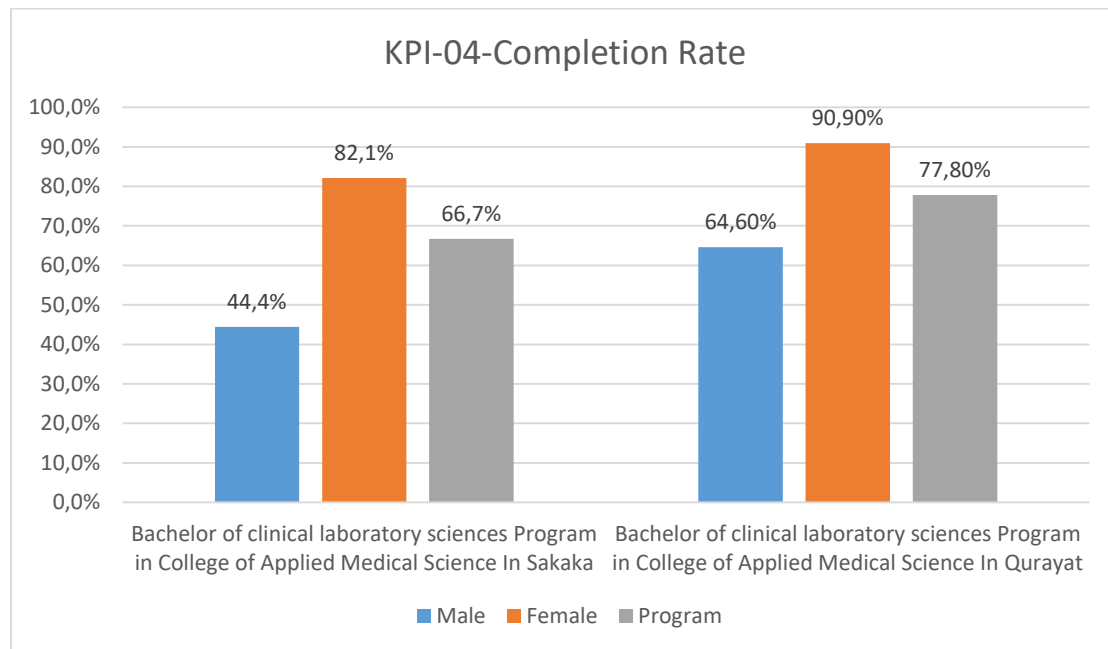
achievement is less than internal and external benchmarks, on the other hand female section achievement was found higher than internal benchmark (76.4%) and less external benchmarks (63.8%)

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
44.4%	82.1%	66.7%	64.6%	90.9%	77.8%



Analysis (list strengths and recommendations):

The actual benchmark shows that the completion rate in the **Clinical Laboratory Sciences** program at the main Campus 66.7% and University Branch of Qurayat (77.8%). As it clear that the completion rate in the **Clinical Laboratory Sciences** program in the main campus was considerably lower than the completion rate in the program in the University Branch of Qurayat and University but lower than target benchmark in all scales.

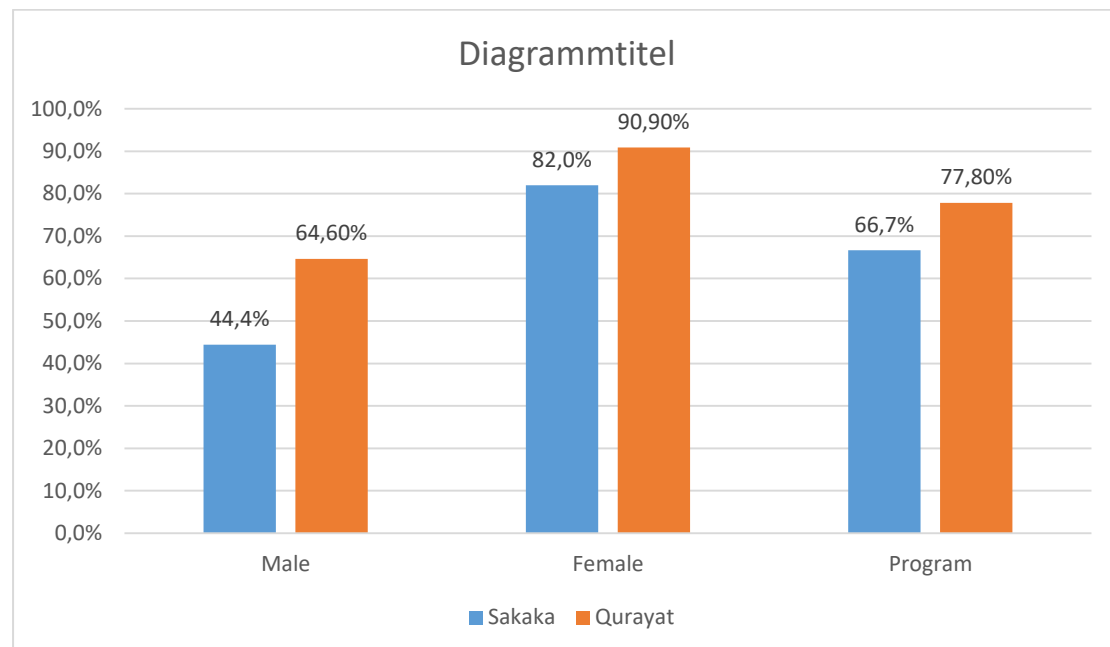
There is difference between actual benchmarks of the female (82.1%) scale for the completion rate in the **Clinical Laboratory Sciences** program at the Main Campus was lower than the females at University Branch of Qurayat, the **Clinical Laboratory**

Sciences program for female (90.9%) and similar findings for the male were observed.

KPI- P-04 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
44.4%	64.6%	82.1%	90.9%	66.7%	77.8%



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program in Sakaka is 66.7% for this year (1441-1442) compared to 77.8% for Qurayat. For the male the actual benchmark in Sakaka is less than when compared to Qurayat (44.4 vs 64.6%). The achievement of actual benchmark for females in Sakaka is also lower than in Qurayat (82% vs 90.9%).

Strengths: There is a sustainable effective academic advisory program

Recommendations: It is recommended that follow up the completion rate improvement and it should be made in the academic counseling services for all the



students. Follow and guide the low academic achievement students to pass during minimum period.

*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Proportion of undergraduate students who completed the program in minimum time in each cohort.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Proportion of undergraduate students who completed the program in minimum time in each cohort.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

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NCAAA KPI Reference Number: KPI-P-05

Program KPI Reference Number: KPI-P-05

KPI: First-year students' retention rate

NCAAA KPI Reference Number: KPI-P- 05: First-year students' retention rate							
Jouf University KPI Reference Number: KPI-P-05							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	89.53%	97.50%	93.20%	90%	100%	96.4%	100%
Main Campus	92.86%	95.00%	93.90%				
Qurayyat branch	86.2%	100.0%	92.5%				

KPI Analysis of first-year students retention rate in the Clinical Laboratory Sciences program.

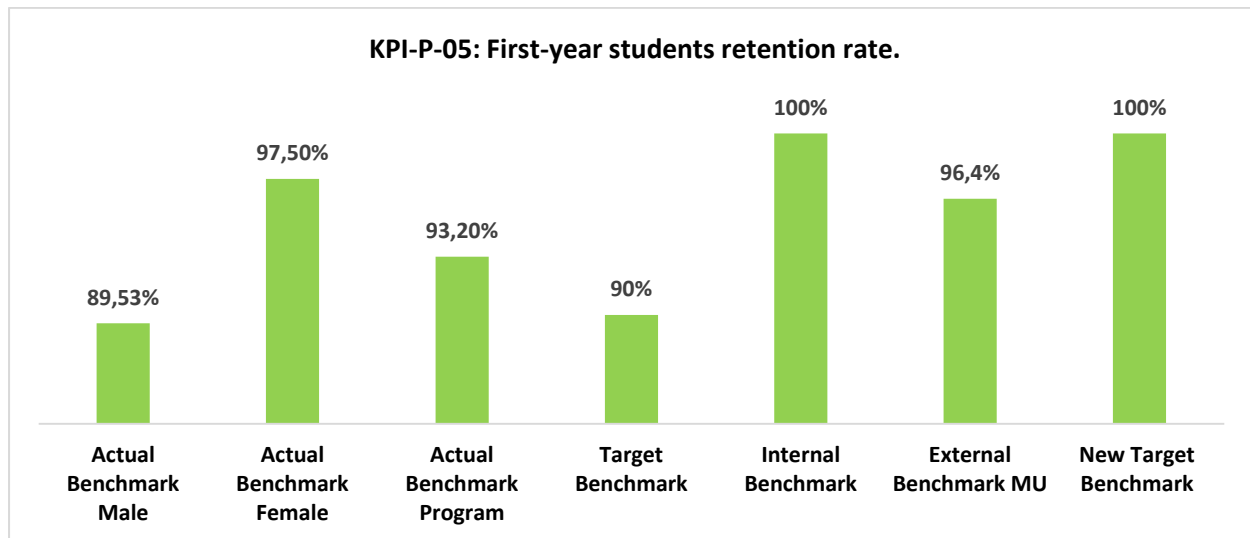
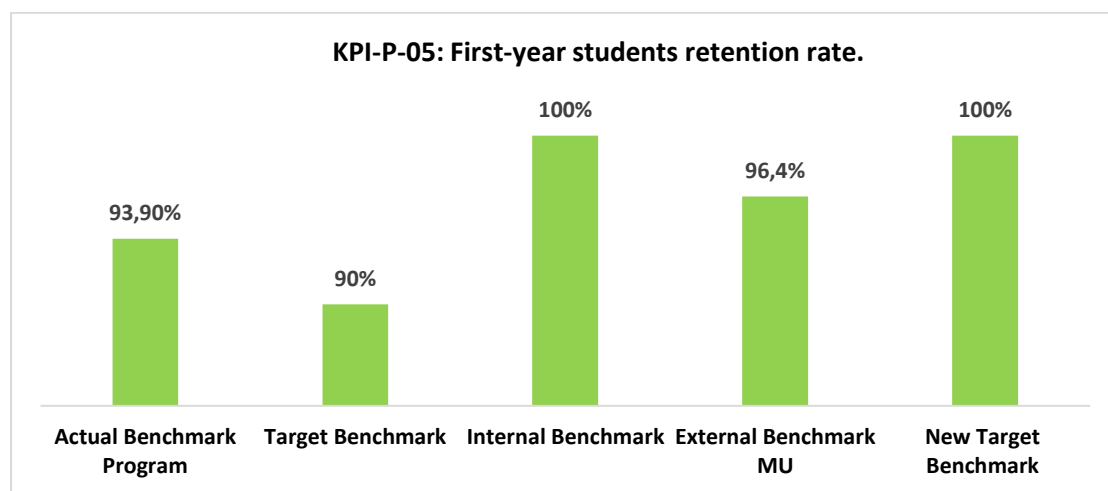


Figure 6: The completion rate in the Clinical Laboratory Sciences Program at the University level

Figure 6: The actual Benchmark for the completion rate in the **Clinical Laboratory Sciences** program at the University level is 93.2%. The male students' completion rate in the **Clinical Laboratory Sciences** program in the University level (89.53%) was considerably less than the female students' completion rate in the program (97.5%). The actual benchmark was found higher than target benchmark (90%) and less than internal benchmark and external benchmark (100% and 96.4%) respectively.

KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
93.9%	90%	%100	96.4%	100%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by students' affairs. The average achievement of actual benchmark for the program in the main campus is 93.9% which is higher than target(90%) and less than internal benchmark (100%) for last year. However, this achievement was found satisfied when compared with the external benchmark (96.4%). The KPI's value show that the students able to progress and complete the programs syllabus at specific time.

Strength: There is a sustainable effective academic advisory program

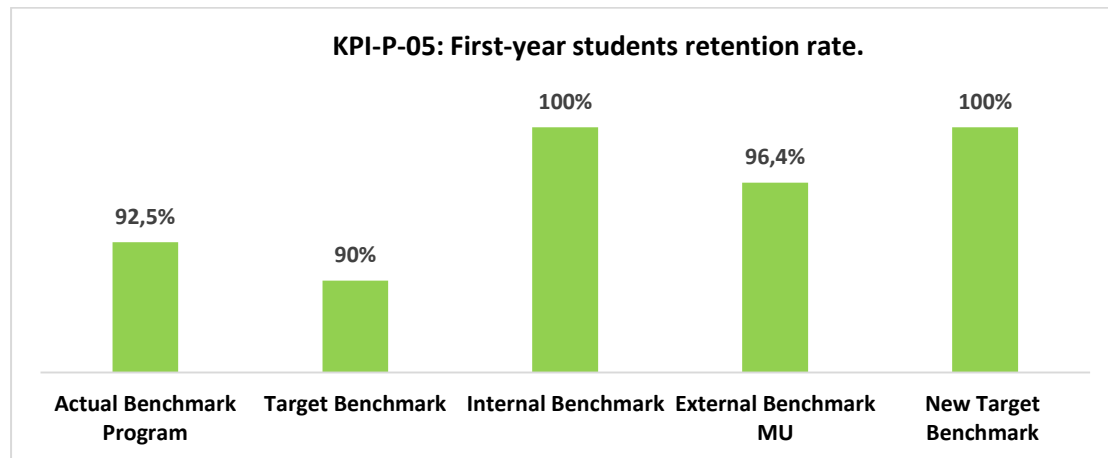
Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	100%	100.0%	92.86%
Female	84.0%	100.0%	95.0%
Program	92.0%	100.0%	93.9%

KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
92.5%	90%	100%	96.4%	100%



Analysis (strengths and recommendations):

Analysis: Data for this indicator provided by students' affairs. The average achievement of actual benchmark for the program in the main campus is 92.5% which is higher than target(90%) and less than internal benchmark (100%) for last year.

However, this achievement was found satisfied when compared with the external benchmark (96.4%). The KPI's value show that the students able to progress and complete the programs syllabus at specific time.

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	NA	100.0%	86.2%
Female	54.0%	100.0%	100%
Program	54.0%	100.0%	92.5%

KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

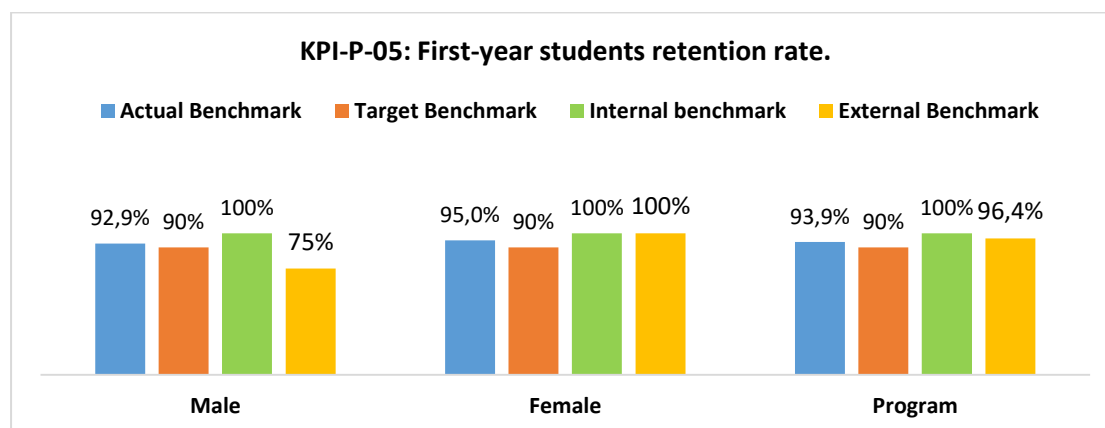
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
93.9%	90%	100%	96.4%	100%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
92.86%	90%	100%	75%	100%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
95.0%	90%	100%	100%	100%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in the main campus is 93.9% this achievement is higher than target(90%) and less than internal external benchmarks (100% and 96.4%). For the male the achievement is(92.9%) which is less than female sections (95%) these achievements were found less than target(100%). For male the achievement is less than internal benchmark(100%) and higher than external benchmarks (75). On the other hand female section achievement was found less than internal and external benchmark(100%) respectively.

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

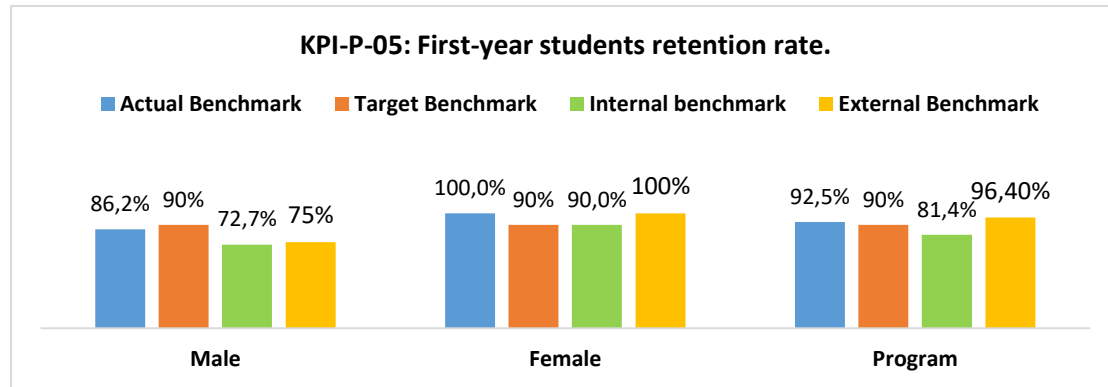
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
92.5%	90%	81.4%	96.4%	100%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
86.2%	90%	72.7%	96.4%	100%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
100%	90%	90%	96.4%	100%



Analysis (list strengths and recommendations):

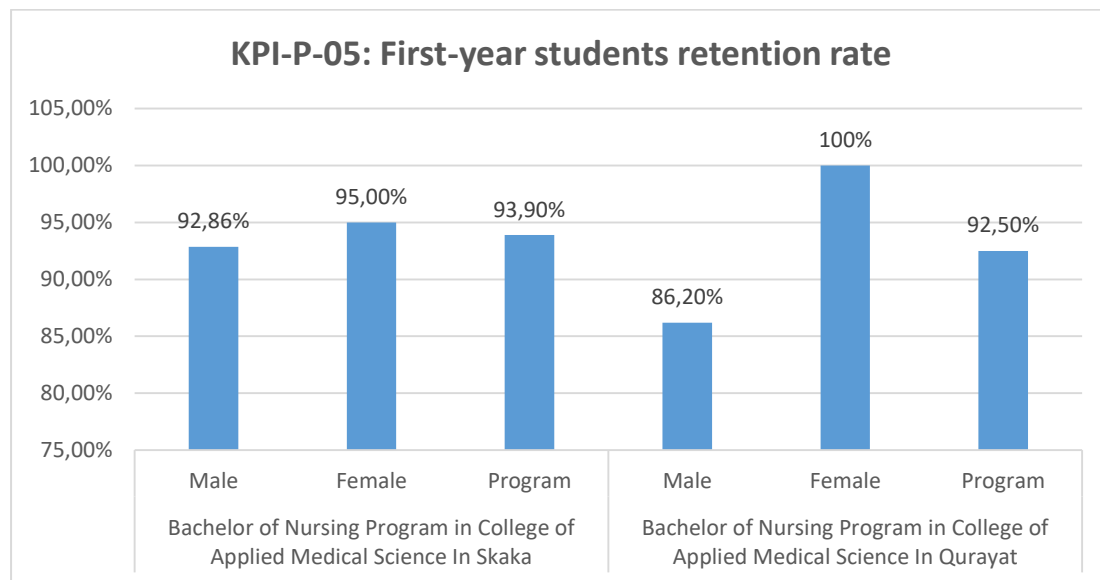
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 92.5% this achievement is higher than target(90%) and higher than internal external benchmark (81.4%) and less than external benchmark (96.4%). For the male the achievement is(86.2%) which is less than female sections (100%) these achievements, in comparison with target(90%) were found less for male and higher than target for female. For male the achievement is higher than internal and external benchmarks (72.7% and 75%) respectively. On the other hand female section achievement was found higher than internal benchmark(90%) and same as the external benchmark(100%).

Strength: There is a sustainable effective academic advisory program

Recommendation: it is necessary to create an effective orientation programs to help them to adjust to university life and sustain continuity in the program.

KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science College of

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
92.86%	95.0%	93.9%	86.2%	100%	92.5%

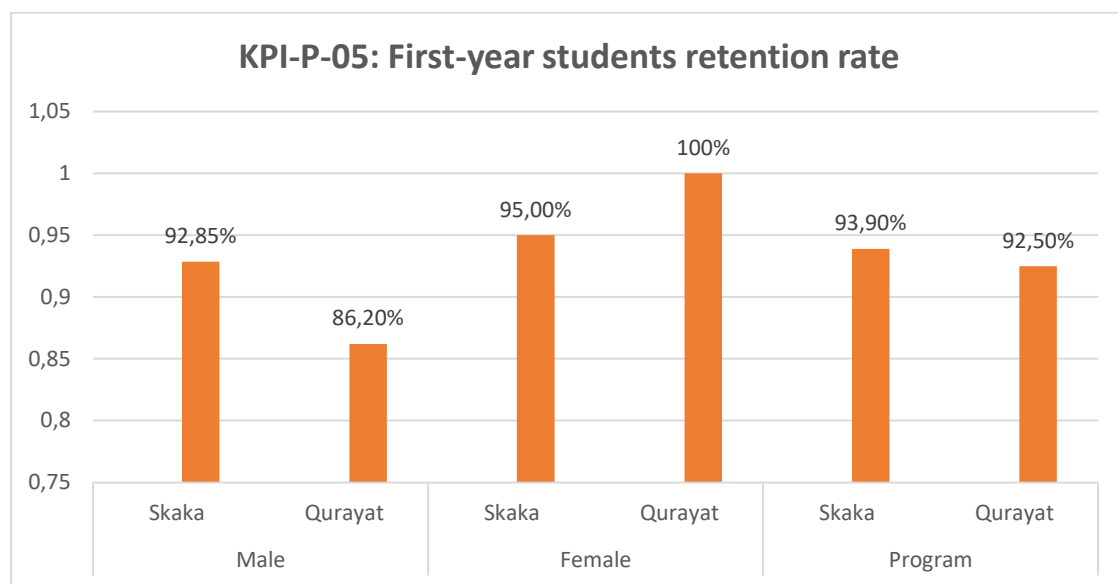


Analysis (list strengths and recommendations):

The actual benchmark shows that the first-year students retention rate in the Clinical Laboratory Sciences program at the main Campus and University Branch of Qurayat (93.9%) and (92.5%) respectively. The first-year student's retention rate in the Clinical Laboratory Sciences program in the main campus was considerably similar to the first-year student's retention rate in the program in the University Branch of Qurayat and University. There is difference between actual benchmarks of the female (95%) and male (92.86%) scales for the first-year students retention rate in the. In the university Branch of Qurayat the Clinical Laboratory **Sciences** program for females (100%) and males (86.2%) the first-year students retention rate was considerably lower than the first-year students retention rate in the program main Campus.

**KPI- P-05 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
92.85%	86.2%	95.0%	100%	93.9%	92.5%



Analysis (list strengths and recommendations):

This is reflecting that target achieved in Sakaka and reaches the maximum grade but it necessary to create an effective orientation programs to help them to maintain university life and sustain continuity in the program.

Strengths: The program indicator of the objectives of first year retention rate for the Clinical Laboratory Sciences Program in the recent year achieved the target benchmarks in all scales of the University, main campus and the University Branch of Qurayat except slightly low in male and program scales of Qurayat branch.

Recommendations: Guidance for the academics for all the students should be continued to maintain the performance where the indicator is achieved and improve the efficacy from the low academic achievement students to pass during the session.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Percentage of first-year undergraduate students who continue at the program the next year to the total number of first-year students in the same year.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Percentage of first-year undergraduate students who continue at the program the next year to the total number of first-year students in the same year.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAAA KPI Reference Number: KPI-P-06

Program KPI Reference Number: KPI-P-06

KPI: Students' performance in the professional and/or national examinations.

NCAAA KPI Reference Number: KPI-P- 06: Students' performance in the professional and/or national examinations							
Jouf University KPI Reference Number: KPI-P-06							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	4.15%	4%	2.85%	20%	NA	15%	20%
Main Campus	8.3%	0%	2.3%				
Qurayyat branch	0.0%	7.8%	3.4%				

KPI Analysis of Students' performance in the professional and/or national examinations for the Clinical Laboratory Sciences program.

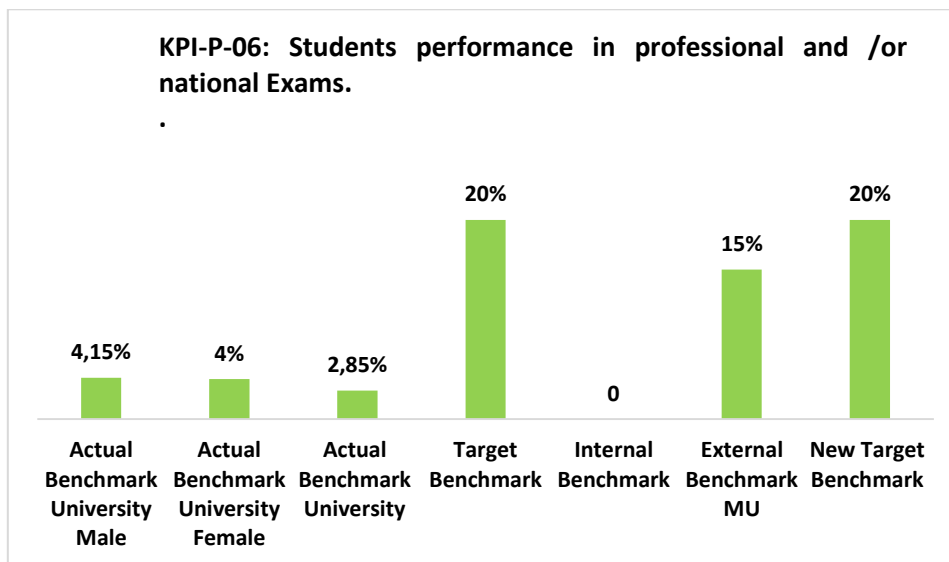
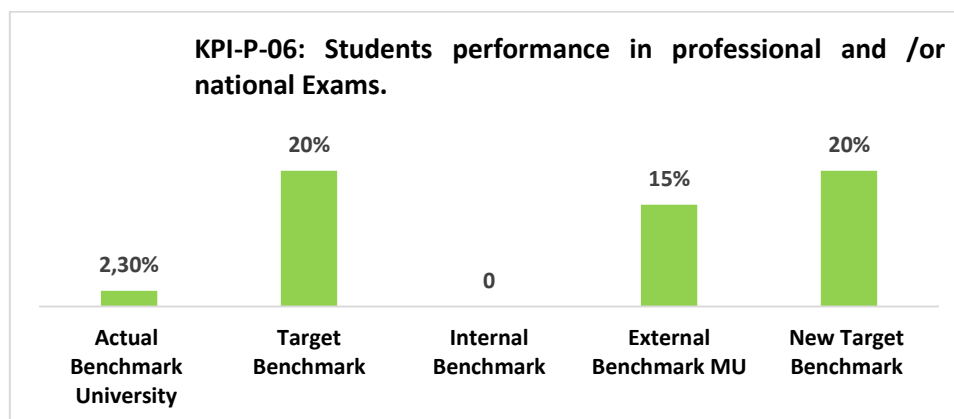


Figure 10: The Students' performance in the professional and/or national examinations for the Clinical Laboratory Sciences program at the University level.

Figure 10: The actual Benchmark for the Students' performance in the professional Exams in the **Clinical Laboratory Sciences** program at the University level is 2.85%. The male performance (4.15%) at university level was considerably less than females' performance (4%). No internal benchmark of the last academic years. the actual benchmarks was found to be less than target and external benchmark (20% and 15%).

KPI- P-06 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.3%	20%	NA	15%	20%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in the main campus is 2.3% which is less than target (20%) and there internal benchmark for comparison. this achievement was found not satisfied when compared with the external benchmark (15%). The KPI's value show that the graduates facing problems to pass in professional exams.

Strength: The programs courses scientific materials an learning outcome updates aligned with profession requirement.

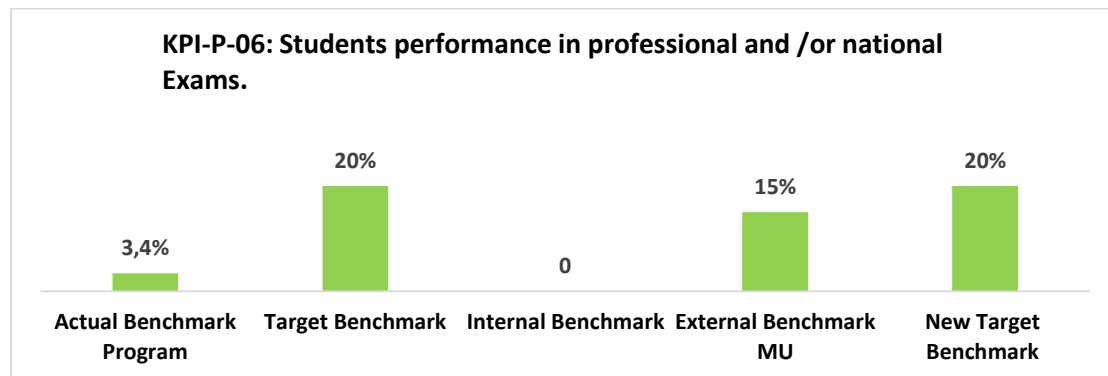
Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them before set for exams .

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	NA	NA	8.3%
Female	NA	NA	0%
Program	NA	NA	2.3%

KPI- P-06 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.4%	20%	NA	15%	20%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in Qurayyat branch is 3.4% which is higher than target (20%) but no internal benchmark for comparison. this achievement was found not satisfied when compared with the external benchmark (15%). The KPI's value show that the graduates facing problems to pass in professional exams.

Strength: The programs courses scientific materials an learning outcome updates aligned with profession requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them before set for exams .

the graduates of Clinical Laboratory Sciences. Due to the first-time exam, the external benchmark was not available for this year.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	NA	NA	0%
Female	NA	NA	7.8%
Program	NA	NA	3.4%

KPI- P-06 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.3%	20%	NA	15%	20%

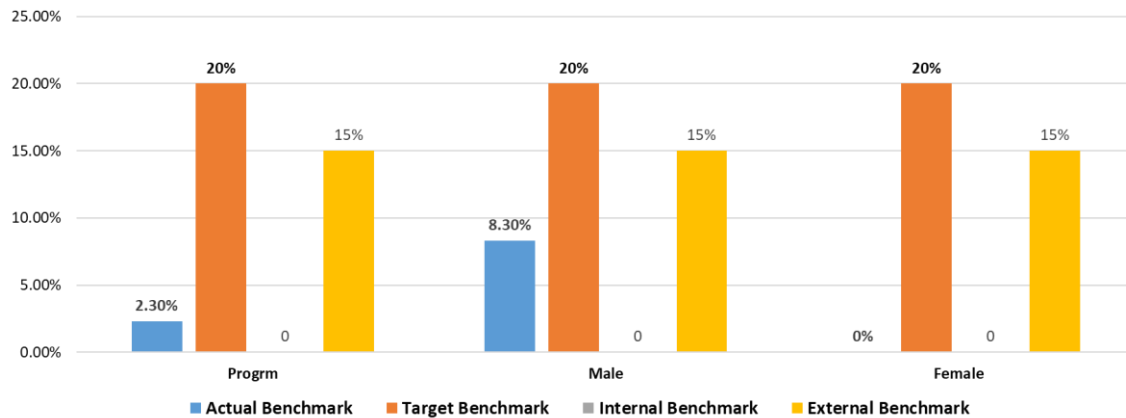
(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
8.3%	20%	NA	15%	20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	20%	NA	15%	20%

KPI-P-06: Students performance in professional and /or national Exams



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in main campus is 2.3% this achievement is less than target (20%) and less than external benchmark (15%). For the male the achievement is (8.3%) which is higher than female sections (0%). These achievements, in comparison with target (20%) were found less for male and female. For male the achievement is higher than external benchmarks (0%). On the other hand female section achievement was found less than external benchmark (15%). The internal bench mark is not available because the Saudi Commission for Health Specialists examinations conducted for the first time for the graduates of Clinical Laboratory Sciences

Strength: The programs courses, scientific materials an learning outcome updates aligned with profession requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them before set for exams .

KPI- P-06 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat Program

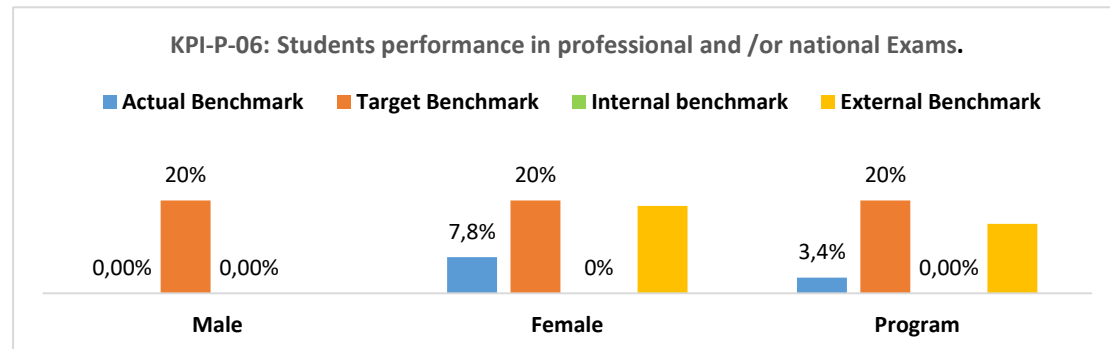
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.4%	20%	NA	15%	20%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	20%	NA	15%	20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.8%	20%	NA	15%	20%



Analysis (list strengths and recommendations):

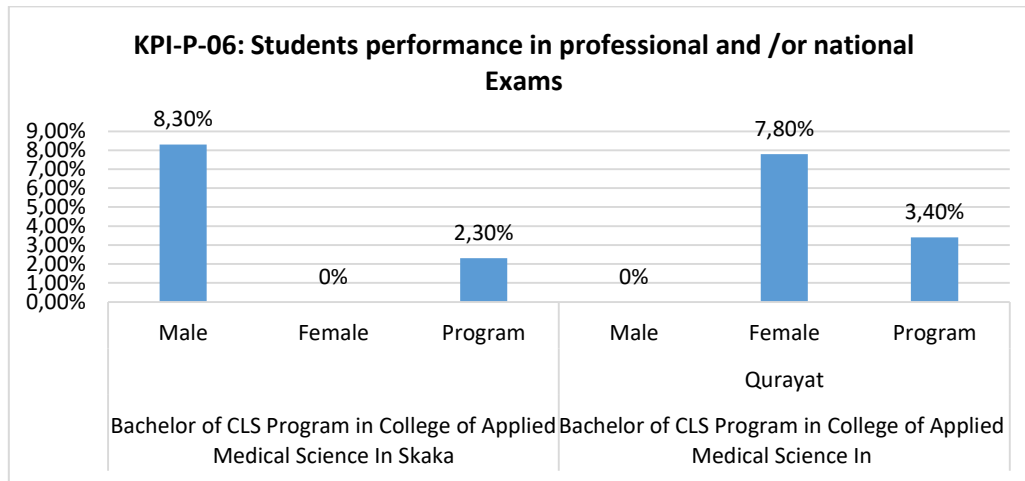
Analysis The average achievement of actual benchmark for the program in main campus is 3.4% this achievement is less than target(20%) and less than external benchmark (15%). For the male the achievement is(0%) which is less than female sections (7.8%). These achievements, in comparison with target(20%) were found to be less for male and female. For male the achievement is same as external benchmarks (0%). On the other hand female section achievement was found less than external benchmark (15%). The internal bench mark is not available because the Saudi Commission for Health Specialists examinations conducted for the first time for the graduates of Clinical Laboratory Sciences

Strength: The programs courses , scientific materials an learning outcome updates aligned with profession requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them before set for exams .

KPI- P-06 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
8.3%	0.0%	2.3%	0%	7.8%	3.4%

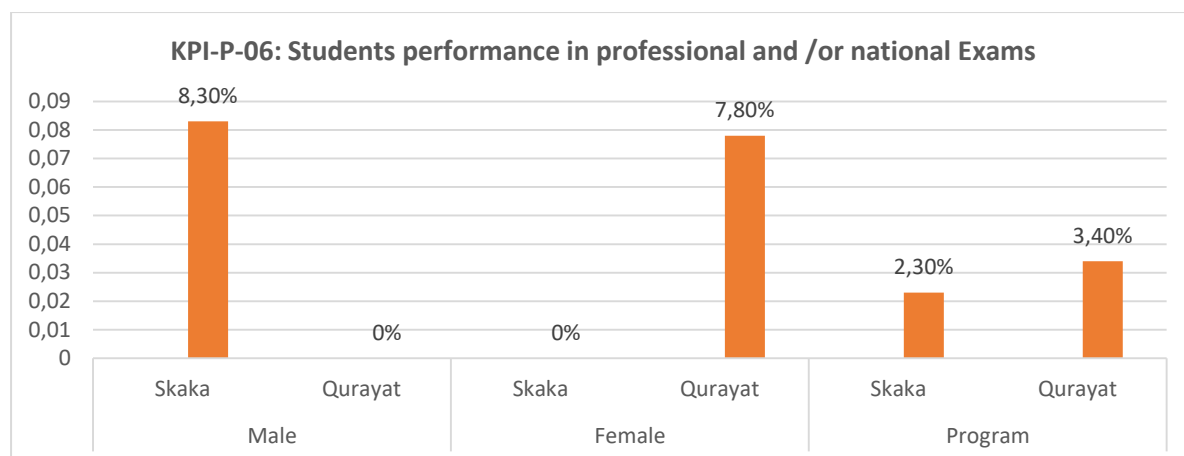


Analysis (list strengths and recommendations):

The actual benchmark shows that the Students' performance in the professional Exams in the Clinical Laboratory Sciences program at the main Campus and University Branch of Qurayat (2.3%) and (3.4%) respectively. The students' performance in the professional Exams in the Clinical Laboratory Sciences program in the main campus was considerably higher than the the Students' performance in the professional Exams in the program in the University Branch of Qurayat and University.

KPI- P-06 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
8.3%	0%	0%	7.8%	2.3%	3.4%



Analysis (list strengths and recommendations):

The Data are available for Sakaka Program, need more effort to enhance the achievement of male students for professional and/or national examinations. Male student should be study hard, proper preparation programs for candidates will improve the achievement

Strengths: The program indicator of the objectives of the Students' performance in the professional Exams for the Clinical Laboratory Sciences Program in the recent year achieved near the target benchmarks in all scales of the University, main campus and the University Branch of Qurayat except slightly low in male and program scales of Qurayat branch.

Recommendations: Guidance for the academics for all the students should be continued to maintain the performance where the indicator is achieved and improve the efficacy from the low academic achievement students to pass during the session.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Percentage of student or graduates who were successful in the professional / or national examination , or their score average and median

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

P Percentage of student or graduates who were successful in the professional / or national examination to the total number of who set for the exam

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAAA KPI Reference Number: KPI-P-07

Program KPI Reference Number: KPI-P-07

KPI: Graduates' employability and enrolment in postgraduate programs.

NCAAA KPI Reference Number: KPI-P- 07: Graduates' employability and enrolment in postgraduate programs							
Jouf University KPI Reference Number: KPI-P-07							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	8%	10.0%	9.0%	20%	26%	21%	20%
Main Campus	0%	0%	0%				
Qurayyat branch	16%	20%	18%				

KPI Analysis of the employability of graduates of the Clinical Laboratory Sciences program.

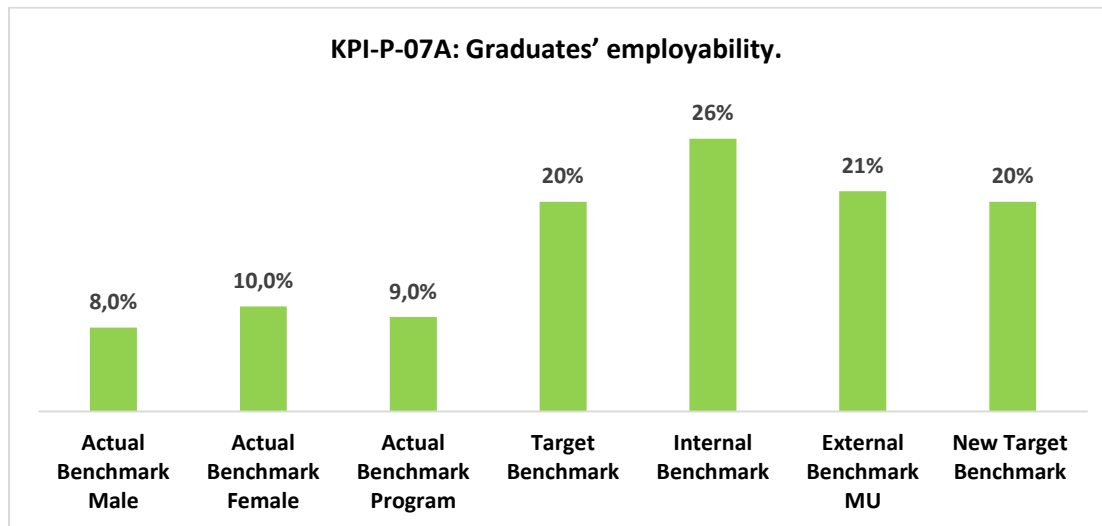
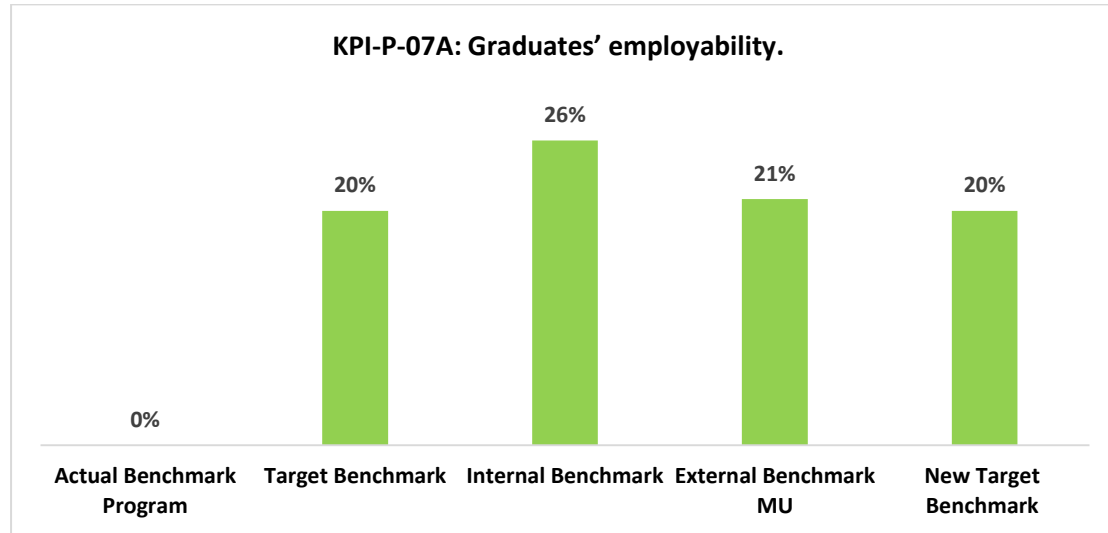


Figure 12: The employability of graduates of the Clinical Laboratory Sciences program. At the University level:

Figure 12: The actual Benchmark for the employability of graduates in the **Clinical Laboratory Sciences** program at the University level is 9%. The male employability of graduates in the **Clinical Laboratory Sciences** program in the University level (10.5%) was considerably lower than the female employability of graduates in the program (18%). The comparison of internal Benchmark of the last academic year was high (26%) comparable with the actual benchmarks and the lower than target benchmark of (20%). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (21%).

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	20%	26%	21%	20%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in main campus is 0% which is less than target (80%) this achievement was found not satisfied when compared with the internal and external benchmark (26% and 21%). The KPI's value show that the graduates facing problems to compete for employment.

Strength: The programs course scientific materials a learning outcome updated and aligned with profession and employment requirement.

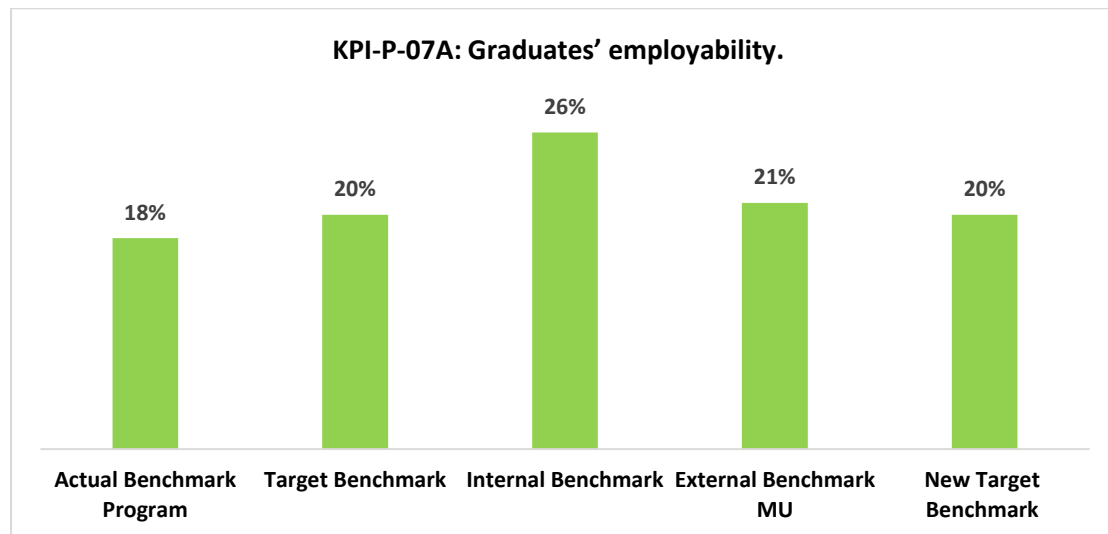
Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	77%	0.0%	0.0%
Female	0.0%	0.0%	0.0%
Program	38.5%	0.0%	0.0%

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
18%	20%	26%	21%	20%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in Qurayyat branch is 18% which is less than target (20%) this achievement was found not satisfied when compared with the internal and external benchmark (27% and 21%). The KPI's value show that the graduates facing problems to compete for offered jobs and employment chances.

Strength: The programs course scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	50%	50%	16%
Female	11%	4.6%	20%
Program	30.5%	27.3%	18%

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

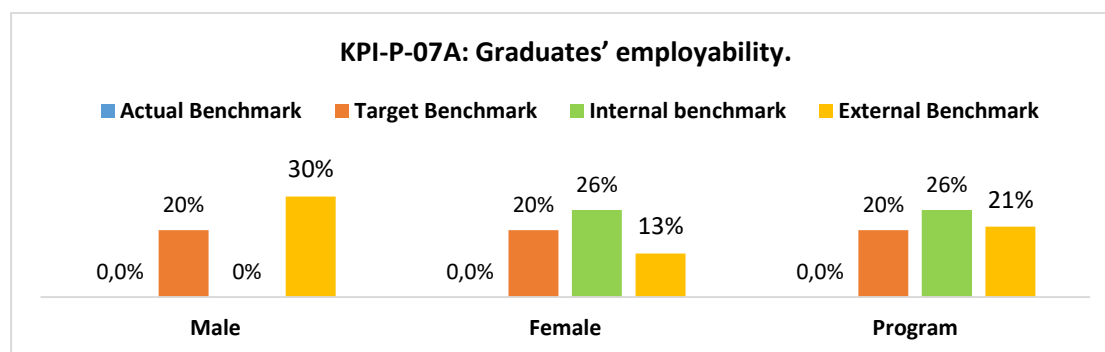
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	20%	26%	0%	20%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	20%	NA	0%	20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	20%	26%	0%	20%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in main campus is 0% this achievement is less than target(20%) and less than internal and external benchmark (26% and 21%). For the male the achievement is(0%) which is same as female sections (0%). These achievements, in comparison with target(20%) were found to be not satisfied for male and female. For male the achievement is same as internal bench mark (0%) and less than external benchmarks (30%). On the other hand female section achievement was found less than internal and external benchmarks (26% and 13%) respectively.

Strength: The programs courses scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayyat

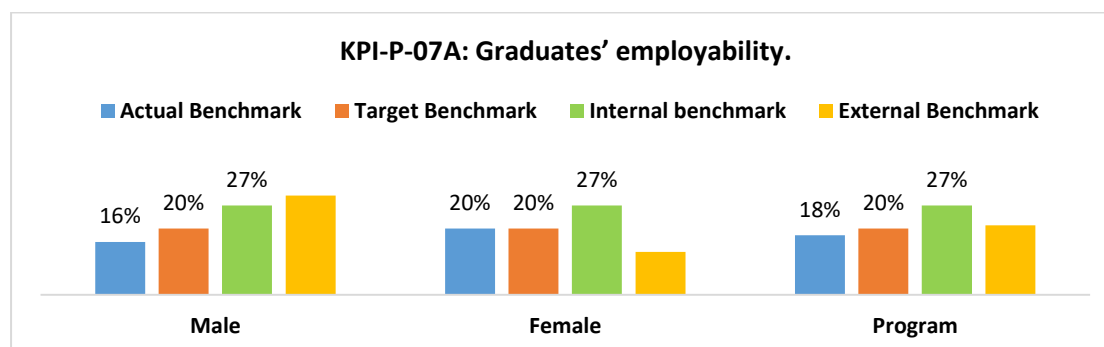
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
18%	20%	27%	21%	20%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
16%	20%	27%	30%	20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
20%	20%	27%	13%	20%



Analysis (list strengths and recommendations):

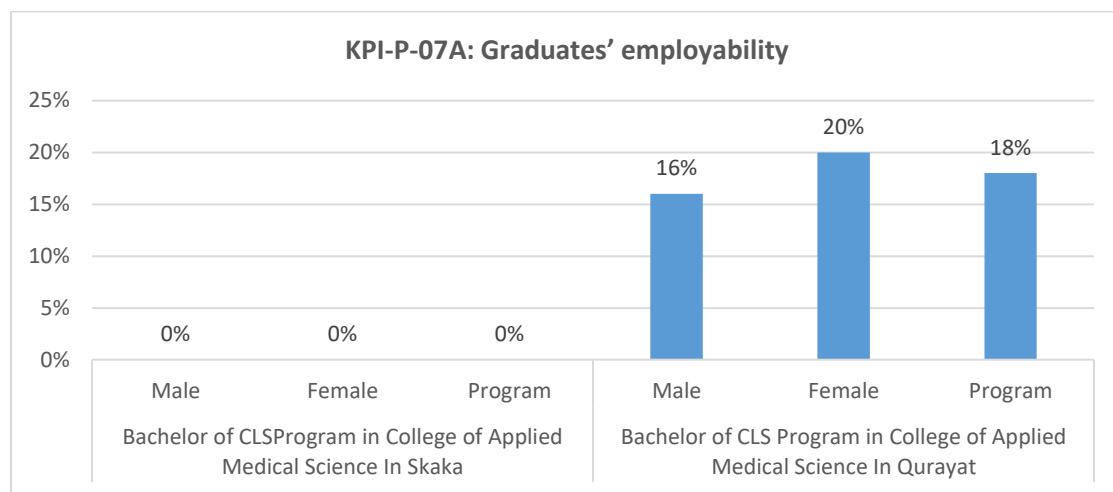
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 18% this achievement is less than target(20%) and less than internal and external benchmark (27% and 21%). For the male the achievement is(16%) which is less than female sections (20%). These achievements, in comparison with target(20%) were found to be not satisfied for male and female. For male the achievement is less than internal and external benchmarks (27% and 30%). On the other hand female section achievement was found less than internal bench mark(27%) and high than external benchmarks (13%).

Strength: The programs courses scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
0%	0%	0%	16%	20%	18%



Analysis (list strengths and recommendations):

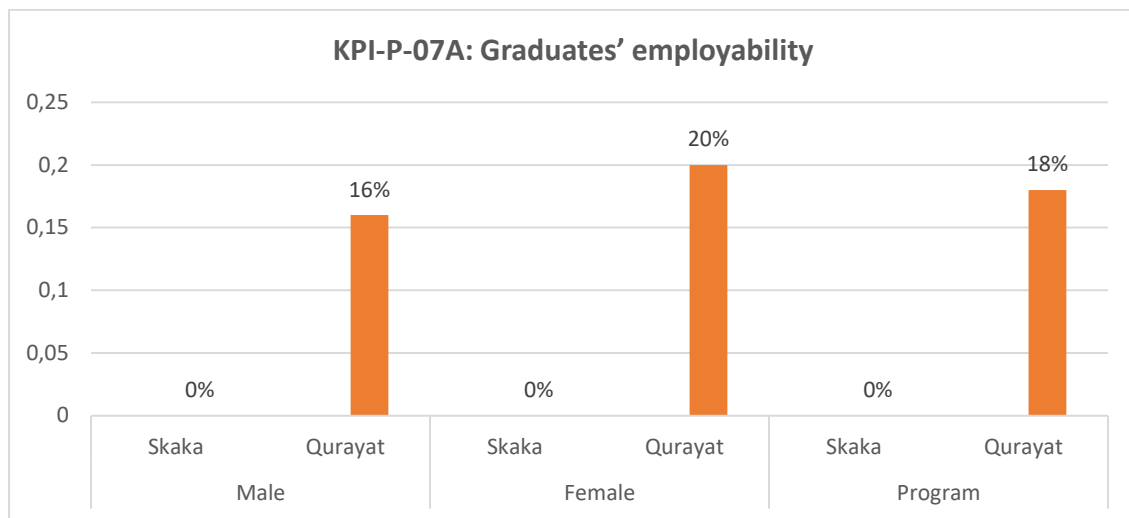
The actual benchmark shows that the employability of graduates in the **Clinical Laboratory Sciences** program at the main Campus and University Branch of Qurayat (16%) and (20%) respectively. The employability of graduates in the **Clinical Laboratory Sciences** program in the main campus was considerably lower than the employability of graduates in the program in the University Branch of Qurayat and the University.

There is difference between actual benchmarks of the female (0%) and male (0%) scales for the employability of graduates in the **Clinical Laboratory Sciences** program at the Main Campus was considerably lower than University. In the university Branch of Qurayat the **Clinical Laboratory Sciences** program for male and female employability of graduates was higher than the employability of graduates in the program main Campus.

KPI- P-07 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
0%	16%	0%	20%	0%	18%



Analysis (list strengths and recommendations):

The defect on post study and employed, need to encourage the students and employee to complete post graduated study for Sakaka, in Qurayat for both employment and post study

Strengths:

Not available.

Recommendations:

Employment opportunities should be generated for graduates in the health sector and allied disciplines throughout the country and employability issues should be raised at the government level. Master's program should be introduced in the Clinical Laboratory Sciences program to provide a future path to the students.

NCAAA KPI Reference Number: KPI-P-07

Program KPI Reference Number: KPI-P-07

KPI: Graduates enrolment in postgraduate programs.

NCAAA KPI Reference Number: KPI-P- 07: Graduates' employability and enrolment in postgraduate programs							
Jouf University KPI Reference Number: KPI-P-07							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	0.0%	5.0%	2.5%	10%	8%	NA	10%
Main Campus	%0	%0	%0				
Qurayyat branch	0%	10%	5%				

KPI Analysis of the Clinical Laboratory Sciences program graduates enrolment in post graduates programs

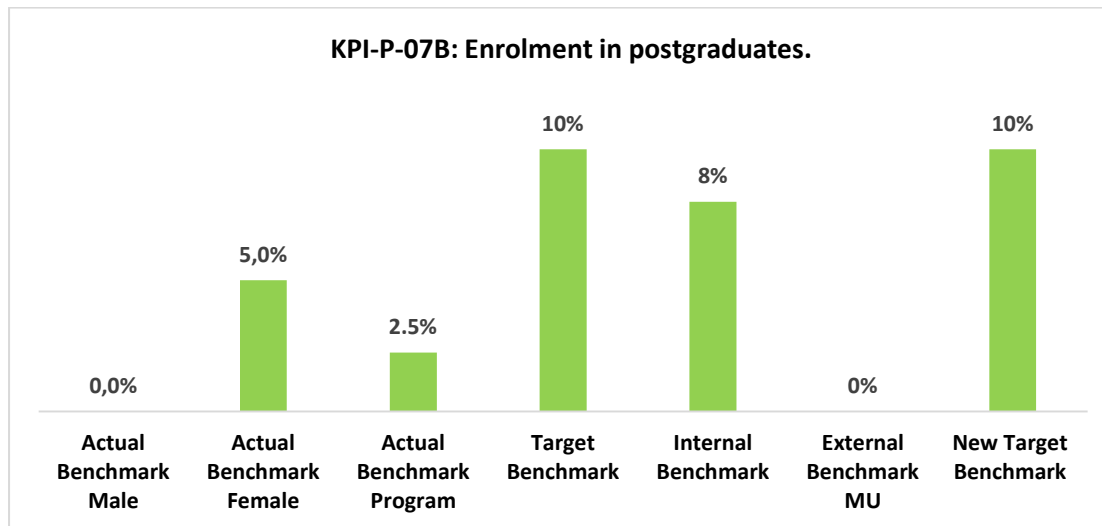
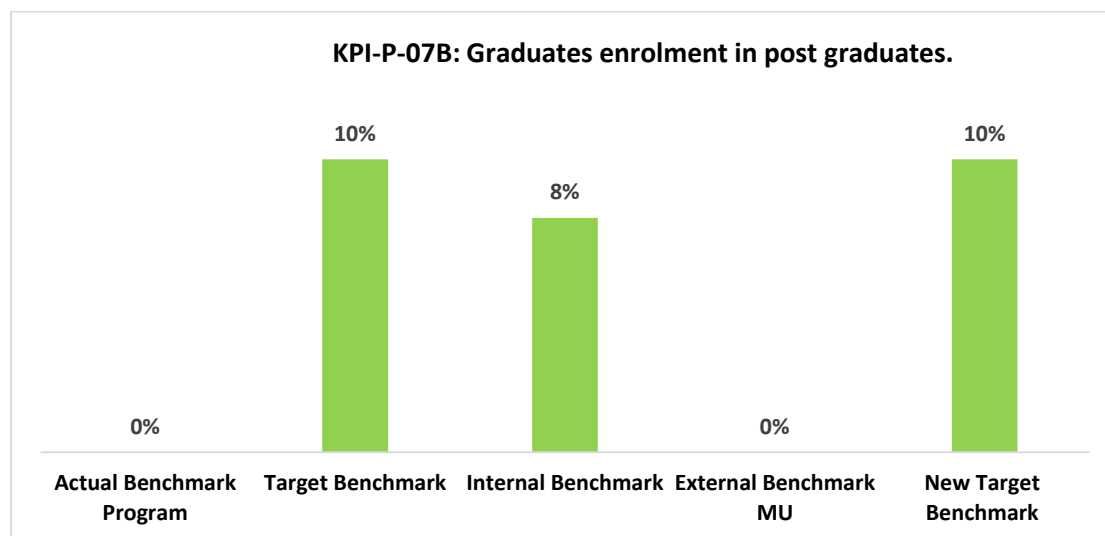


Figure 12: The enrolment the Clinical Laboratory Sciences program graduates in post graduates' programs at the University level:

Figure 12: The actual Benchmark for the enrolment the Clinical Laboratory Sciences program graduates in post graduates' programs at the University level is 2.3%. The enrolment of the male graduates in the **Clinical Laboratory Sciences** program in the University level (0%) was considerably lower than the female enrolment in postgraduates' program (5%). The comparison of internal Benchmark of the last academic year was high (8%) comparable with the actual benchmarks and the lower than target benchmark of (10%). The external benchmark was not available.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	10%	8%	0%	10%



Analysis (list strengths and recommendations):

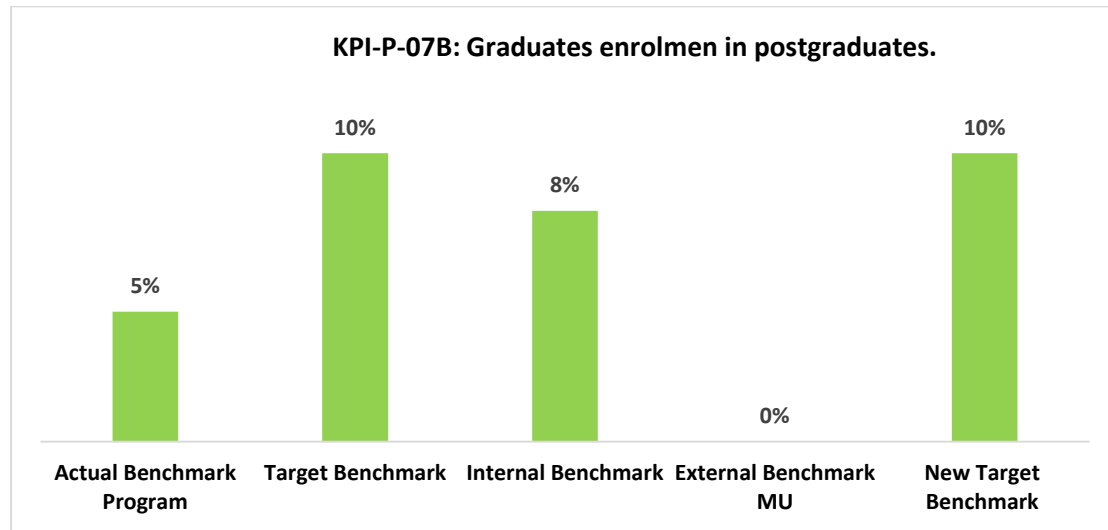
Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in main campus is 0% which is less than target (10%) this achievement was found not satisfied when compared with the internal (8%). The KPI's value show that the graduates facing problems to compete for enrolment in post graduates programs.

Strength: The programs course scientific materials a learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5%	10%	8%	0%	10%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in Qurayyat branch is 5% which is less than target (10%) this achievement was found not satisfied when compared with the internal (8%). The KPI's value show that the graduates facing problems to compete for enrolment in post graduates programs.

Strength: The programs course scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

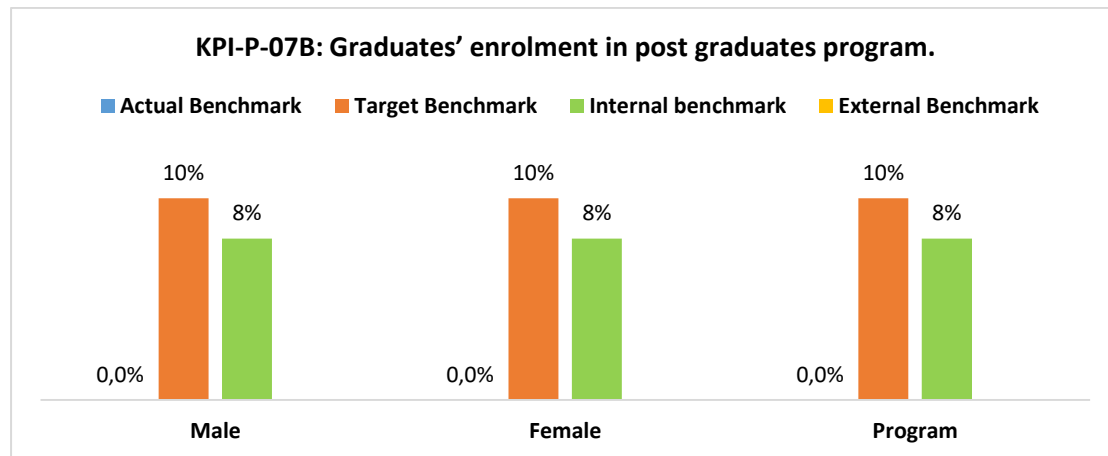
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	10%	8%	0%	10%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	10%	8%	0%	10%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	10%	8%	0%	10%



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in main campus is 0% this achievement is less than target(10%) and less than internal benchmark (8%). For the male the achievement is(0%) which is same as female sections (0%). These achievements, in comparison with target(10%) were found to be not satisfied for male and female.

Strength: The programs courses scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

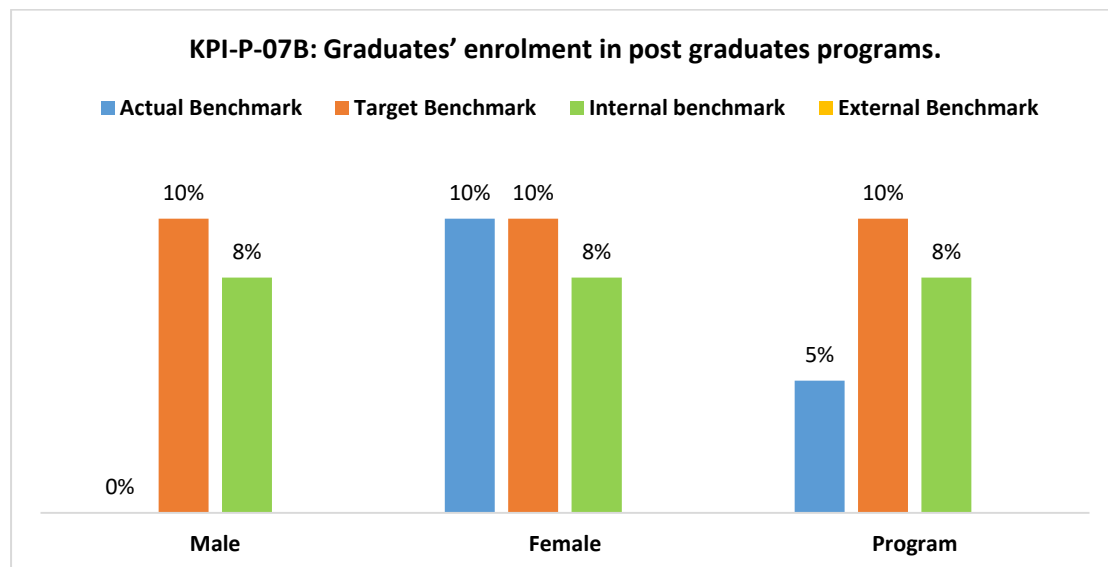
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5%	10%	8%	0%	10%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	10%	8%	0%	10%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
10%	10%	8%	0%	10%



Analysis (list strengths and recommendations):

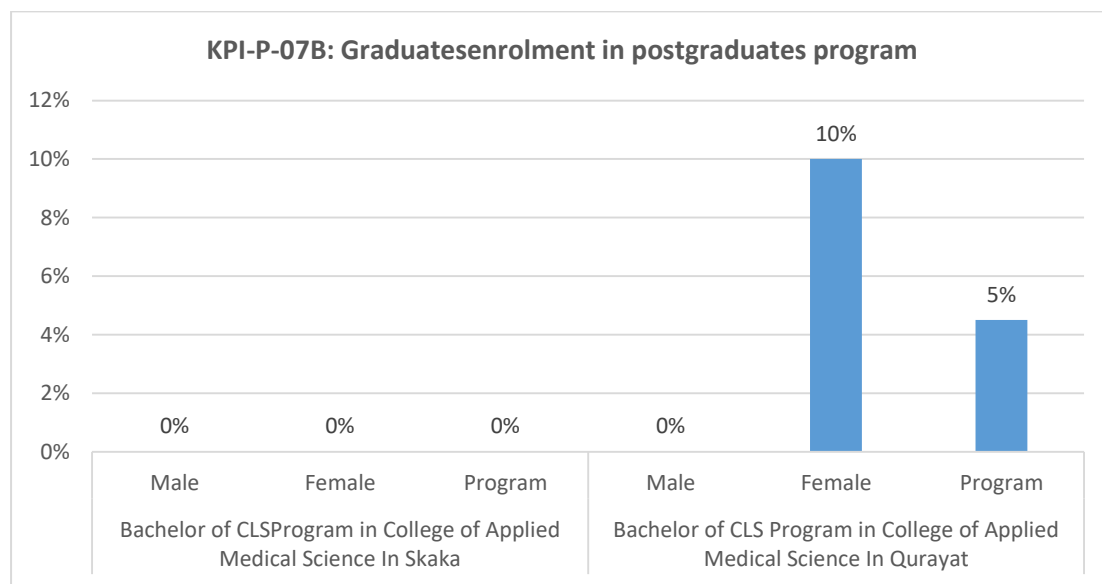
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 5% this achievement is less than target(10%) and less than internal benchmark (8%). For the male the achievement is(0%) which is less than female sections (10%). These achievements, in comparison with target(10%) were found to be not satisfied for male rather than female.

Strength: The programs courses scientific materials an learning outcome updated and aligned with profession and employment requirement.

Recommendation: it is necessary to create an effective scientific support programs to qualify graduates and guide them how to compete for the future offered jobs.

KPI- P-07 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
0%	0%	0%	0%	10%	5%



Analysis (list strengths and recommendations):

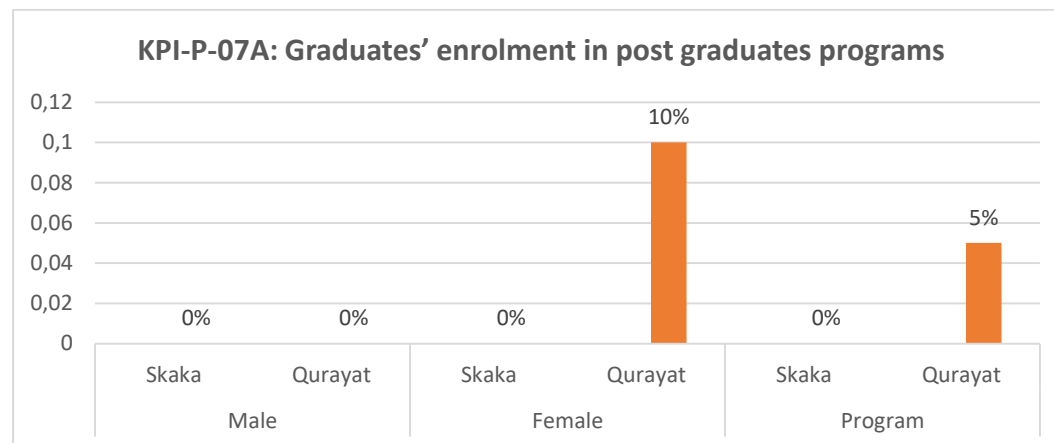
The actual benchmark shows that the employability of graduates in the **Clinical Laboratory Sciences** program at the main Campus and University Branch of Qurayat (0%) and (5%) respectively. The employability of graduates in the **Clinical Laboratory Sciences** program in the main campus was considerably lower than the employability of graduates in the program in the University Branch of Qurayat and the University.

There is no difference between actual benchmarks of the female (0%) and male (0%) scales for the employability of graduates in the **Clinical Laboratory Sciences** program at the Main Campus was considerably lower than University. In the university Branch of Qurayat the **Clinical Laboratory Sciences** program for male and female employability of graduates was higher than the employability of graduates in the program main Campus.

KPI- P-07 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
0%	0%	0%	10%	0%	5%



Analysis (list strengths and recommendations):

The defect on post study and employed, need to encourage the students and employee to complete post graduated study for Sakaka, in Qurayat for both employment and post study

Strengths:

Not available.

Recommendations:

Employment opportunities should be generated for graduates in the health sector and allied disciplines throughout the country and employability issues should be raised at the government level. Master's program should be introduced in the Clinical Laboratory Sciences program to provide a future path to the students.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Percentage of graduates from the program who within a year of graduation were:

a. employed. b. enrolled in postgraduate programs. during the first year of their graduation to the total number of graduates in the same year.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Percentage of graduates from the program who within a year of graduation were: a. employed.

b. enrolled in postgraduate programs.

during the first year of their graduation to the total number of graduates in the same year.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-08

Program KPI Reference Number: KPI-P-08

KPI: Average number of students in the class.

NCAA KPI Reference Number: KPI-P-08: Average number of students in the class.

Jouf University KPI Reference Number: KPI-P-08

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	10.6	7.3	8.7	20	16	8.6	20
Main Campus	7.9	4.6	6.0				
Qurayyat branch	13.3	9.9	11.4				

KPI Analysis of average number of students in the class in the Clinical Laboratory Sciences program.

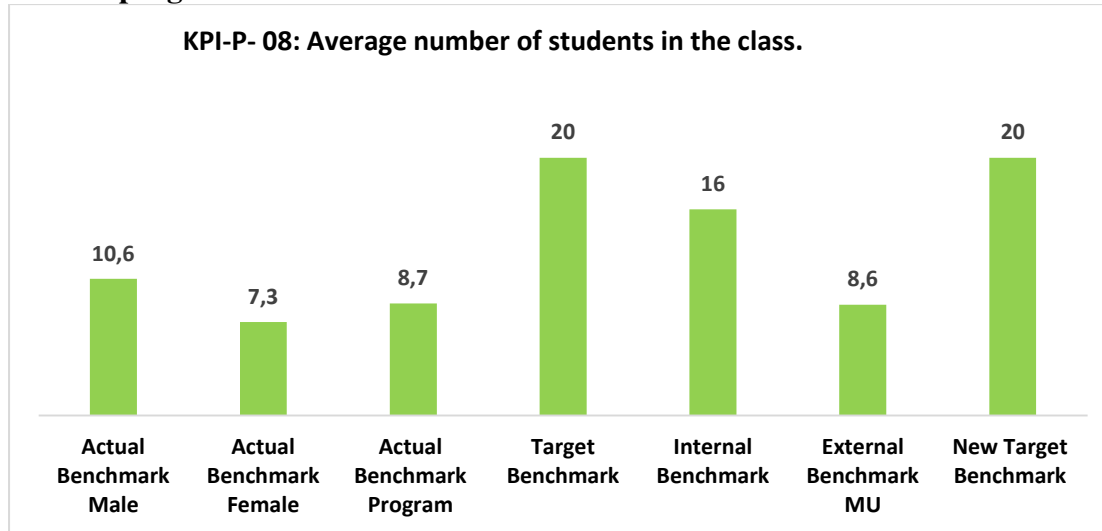
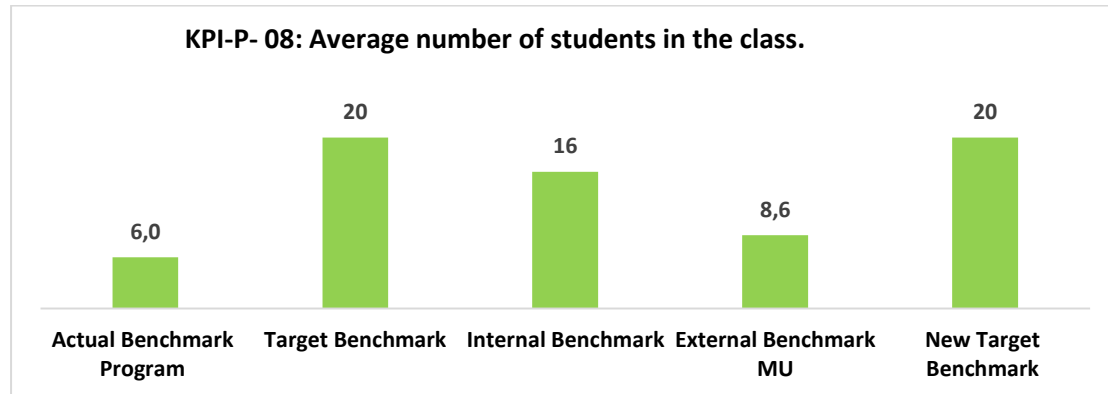


Figure 16: The average number of students in the class in the Clinical Laboratory Sciences program at the University level.

Figure 16: The actual Benchmark for the average number of students in the class in the **Clinical Laboratory Sciences** program at the University level is 8.7. The average number of male students in the class in the **Clinical Laboratory Sciences** program in the University level (10.6) was higher than the average number of female students in the class in the program (7.3). The comparison of internal Benchmark of the two academic years 1440-1441 H was higher (16) than the actual benchmarks and lower than the target Benchmark of (20). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (8.6).

KPI- P-08 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
6	20	16	8.6	20



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by students affairs. The average achievement of actual benchmark for the program in main campus is 6 which is less than target (20) this achievement was found to be satisfied when compared with the internal and external benchmark 16 and 8.6). The KPI's value show that the number of students in each class is less than target, internal and external benchmarks.

Strength: that the program has capacity to enrollment of more student in classes. In comparison with the target this result is considered satisfied.

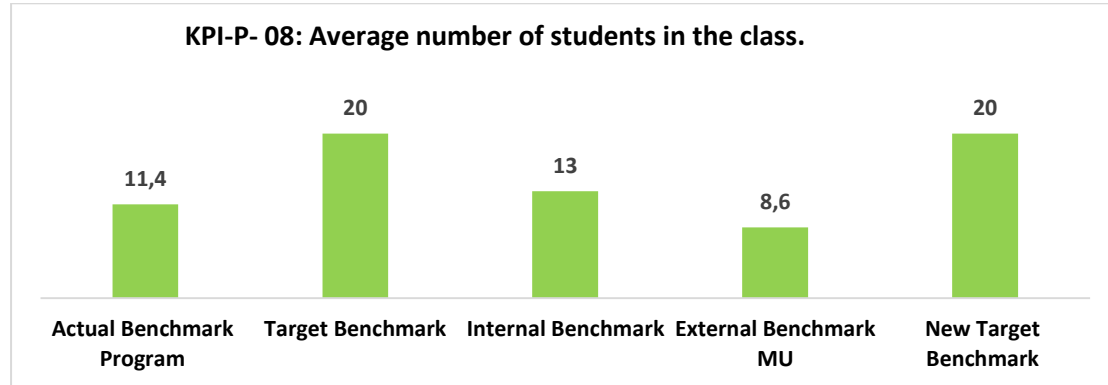
Recommendation: it is necessary to create an effective programs to enroll more students in classes.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	23	13	7.9
Female	25	18	4.6
Program	24	16	6.0

KPI- P-08 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
11.4	20	13	8.6	20



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by students affairs. The average achievement of actual benchmark for the program in main campus is 11.4 which is less than target (20) this achievement was found to be satisfied when compared with the internal and external benchmark 16 and 8.6). The KPI's value show that the number of students in each class is less than target, internal and external benchmarks.

Strength: that the program has capacity to enrollment of more student in classes. In comparison with the target this result is considered satisfied.

Recommendation: it is necessary to create an effective programs to enroll more students in classes.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	14	17	13.3
Female	10	8	9.9
Program	12	13	11.4

KPI- P-08 for Bachelor of Clinical laboratory sciences Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka Program

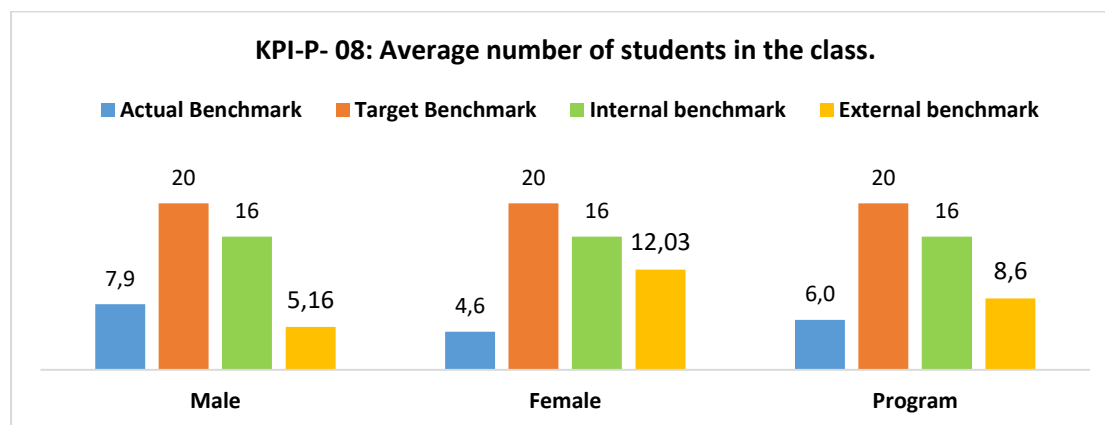
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
6.0	20	16	8.6	20

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.9	20	16	8.6	20

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.6	20	16	8.6	20



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in main campus is 6 this achievement is less than target(20) and less than internal and external benchmarks (16 and 8.6). For the male the achievement is(7.9%) which is high than female sections (4.6). These achievements, in comparison with target(20) were found to be satisfied for male and female. For male the achievement is less than internal benchmark (16) and higher than external benchmarks (5.16). On the other hand female section achievement was found less than internal and high than external benchmarks (16 and 12.03).

Strength: that the program has capacity to enrollment of more student in classes. In comparison with the target this result is considered satisfied.

Recommendation: it is necessary to create an effective programs to enroll more students in classes.

KPI- P-08 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat Program

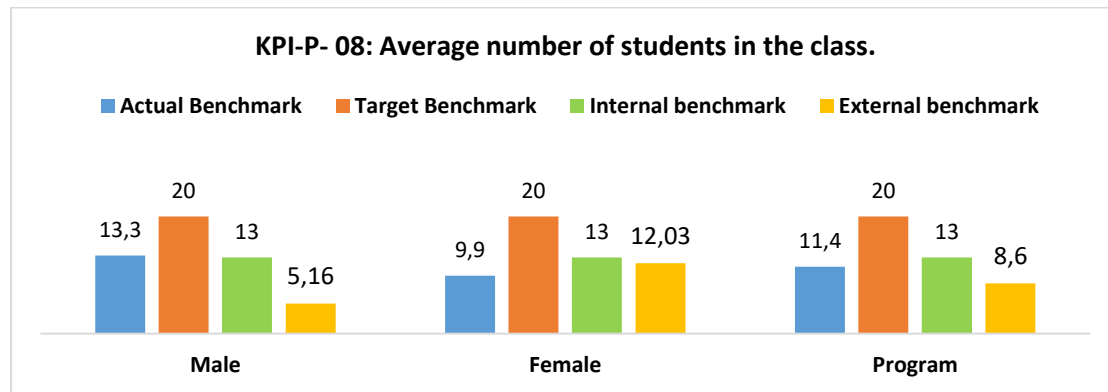
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
11.4	20	13	8.6	20

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
13.3	20	14	8.6	20

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
9.9	20	12	8.6	20



Analysis (list strengths and recommendations):

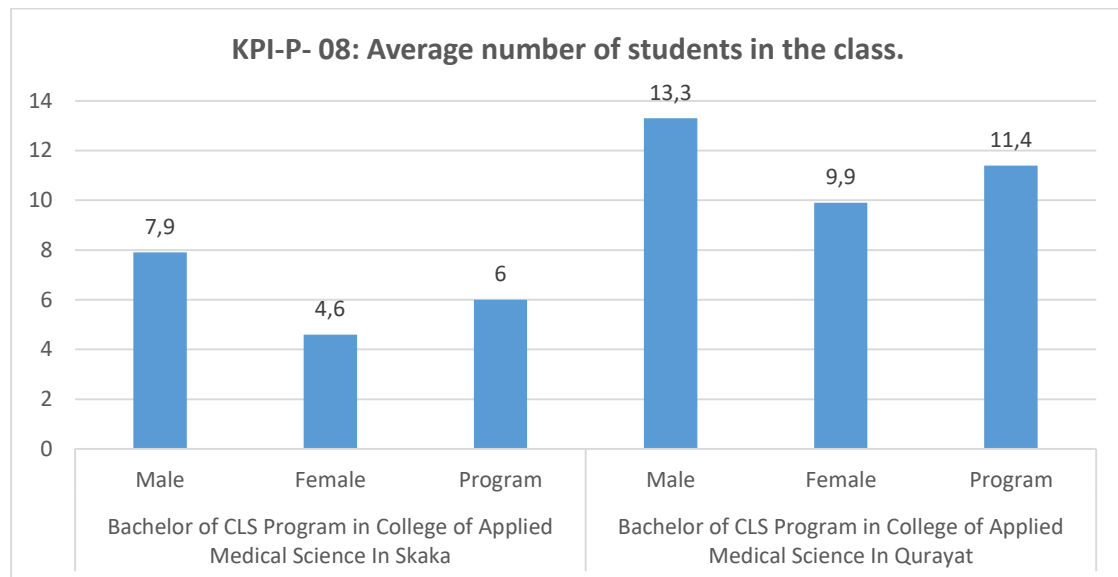
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 11.4 this achievement is less than target and internal benchmark (20 and 13) and higher than external benchmarks (8.6). For the male the achievement is(13.3%) which is high than female sections (9.9). These achievements, in comparison with target(20) were found to be satisfied for male and female. For male the achievement is slightly higher than internal benchmark (13) and higher than external benchmarks (5.16). On the other hand female section achievement was found less than internal and high than external benchmarks (13 and 12.03).

Strength: that the program has capacity to enrollment of more student in classes. In comparison with the target this result is considered satisfied.

Recommendation: it is necessary to create an effective programs to enroll more students in classes.

KPI- P-08 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
7.9	4.6	6.0	13.3	9.9	11.4



Analysis (list strengths and recommendations):

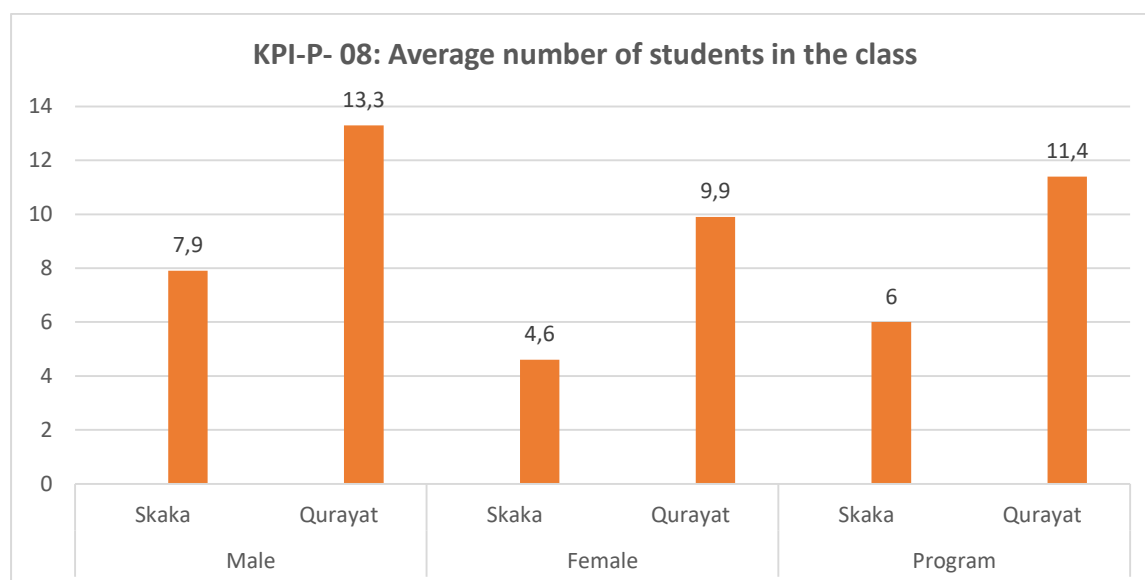
KPI In Sakaka isn't considered satisfied, this can be achieved by limitation of maximum students in each section. The program is in continuous development through the increase in the indicator of the percentage of achieved indicators of Average number of students in the class (Sakaka) in the recent year, which achieved the target level of performance

Recommendation: -

It is recommended that continuous evaluation for indicator of average number of students in the class should be achieved

**KPI- P-08 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
7.9	13.3	4.6	9.9	6.0	11.4



Analysis (list strengths and recommendations):

KPI In Sakaka is not considered satisfied, this can be achieved by limitation of maximum students in each section

The program is in continuous development through the increase in the indicator of the percentage of achieved indicators of Average number of students in the class (Sakaka) in the recent year.

Recommendation: -

It is recommended that continuous evaluation for indicator of average number of students in the class should be achieved.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Average number of students per class (in each teaching session/activity: lecture, small group, tutorial, laboratory or clinical session).

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Ju to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

The justification of using the external benchmark **Clinical Laboratory Sciences** program in university of Jeddah is as follows -

- University of Jeddah was chosen because there is agreement with the Ju to provide the required data for the NCAAA KPIs.
- University of Jeddah similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at UJ is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average number of students per class (in each teaching session/activity: lecture, small group, tutorial, laboratory or clinical session).

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-09

Program KPI Reference Number: KPI-P-09

KPI: Employers' evaluation of the program graduates proficiency

NCAA KPI Reference Number: KPI-P-09: Employers' evaluation of the program graduates proficiency							
Jouf University KPI Reference Number: KPI-P-09							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	3.88	3.83	3.83	3.7	3.24	4.6	4.4
Main Campus	4.16	4.16	4.16				
Qurayyat branch	3.6	3.5	3.5				

KPI Analysis of employers' evaluation of the Clinical Laboratory Sciences program graduates proficiency

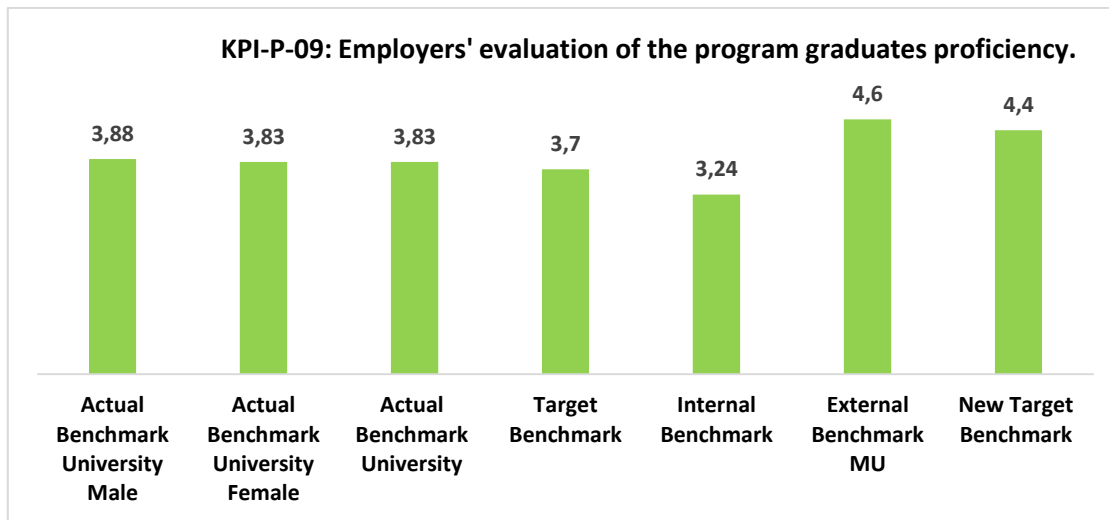
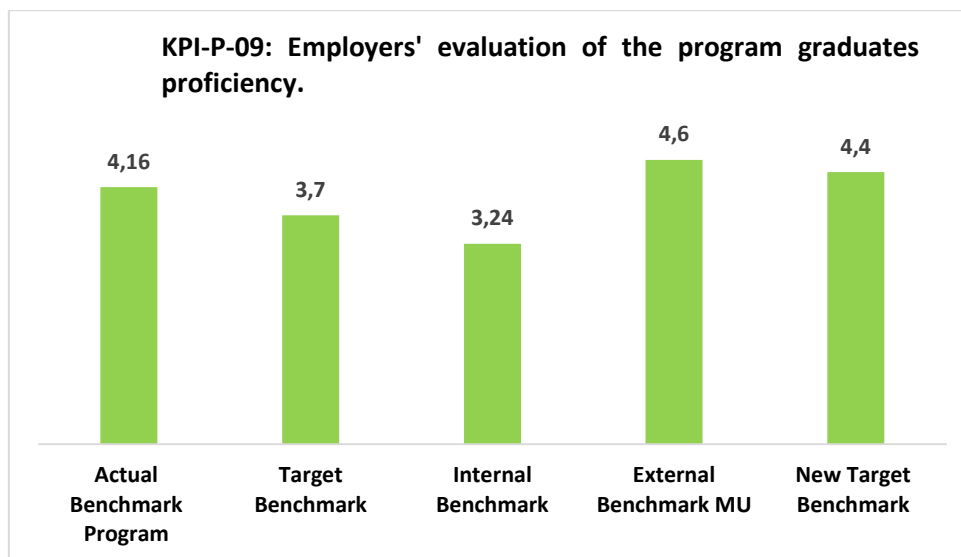


Figure 18: The employers' evaluation of the Clinical Laboratory Sciences program graduates proficiency at the University level.

Figure 18: The actual Benchmark for the employers' evaluation in the **Clinical Laboratory Sciences** program at the University level is 3.83. The male and female employers' evaluation in the **Clinical Laboratory Sciences** program in the University level comparable in the program (3.88 vs 3.3.83). The comparison of internal Benchmark of the last academic year was low (3.4) than the actual benchmarks and the target Benchmark of (3.7). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (4.6).

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.16	3.7	3.24	4.6	4.4



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in main campus is 4.16 which is higher than target (3.7) this achievement was found to be satisfied when compared with the internal bench mark (3.24) and less than external benchmark 4.6). The KPI's value show that the employer were satisfied with the performance of program graduates

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

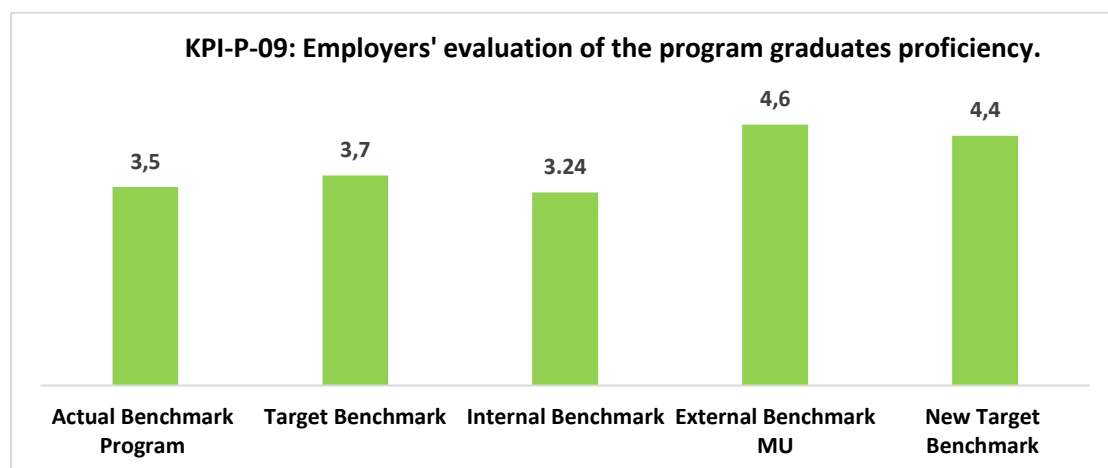
Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	2.87	4.4	4.16
Female	3.45	4.0	4.16
Program	3.16	4.2	4.16

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.88	3.7	3.24	4.6	4.4



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by graduates and alumni unit. The average achievement of actual benchmark for the program in Qurayyat branch is 3.5 which is less than target (3.7) this achievement was found to be satisfied when compared with the internal bench mark (3.4) and less than external benchmark 4.6). The KPI's value show that the employer were satisfied with the performance of program graduates

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3	3.24	3.6
Female	3.4	3.24	3.5
Program	3.2	3.24	3.5

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.16	3.7	3.24	4.6	4.4

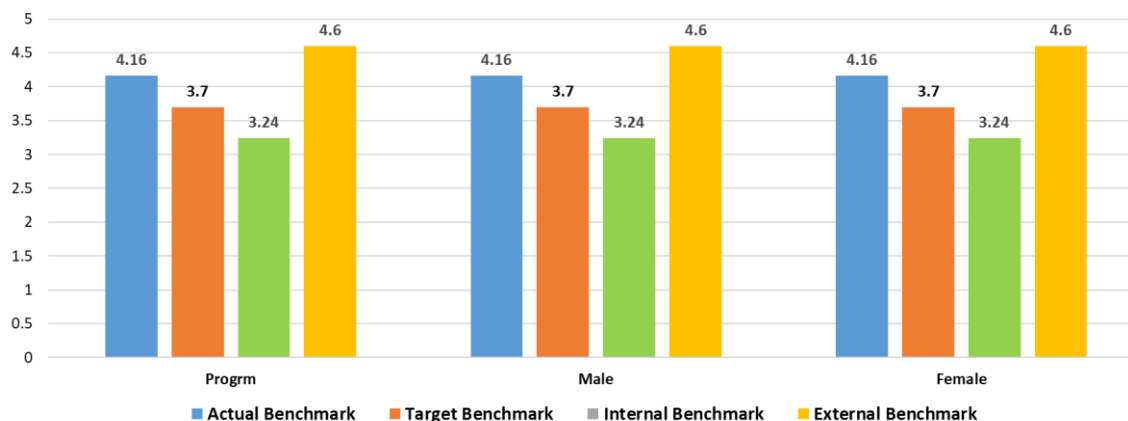
(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.16	3.7	3.24	4.6	4.4

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.16	3.7	3.24	4.6	4.4

KPI-P-09: Employers' evaluation of the program graduates proficiency.



Analysis (list strengths and recommendations):

Analysis The average achievement of actual benchmark for the program in main campus is 4.16 this achievement is higher than target an internal benchmark (3.7 and 3.4) and less than external benchmarks (4.6). For the male the achievement is (4.16) which is high than female sections (4.0). These achievements, in comparison with target (3.7) were found to be satisfied for male and female. For male and female the achievement is higher than internal benchmark (3.4) and less than external benchmarks (4.4). On the other hand female section achievement was found higher than internal benchmark (3.4) and less than external benchmarks (4.8).

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession

practitioners to adopt strategies reviewing the field experience.

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

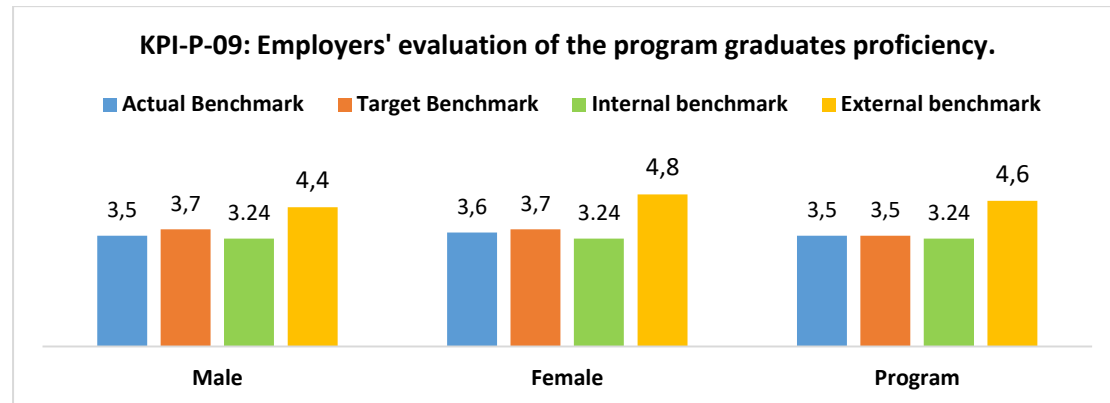
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.5	3.7	3.24	4.6	4.4

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.6	3.7	3.24	4.6	4.4

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.5	3.7	3.24	4.6	4.4



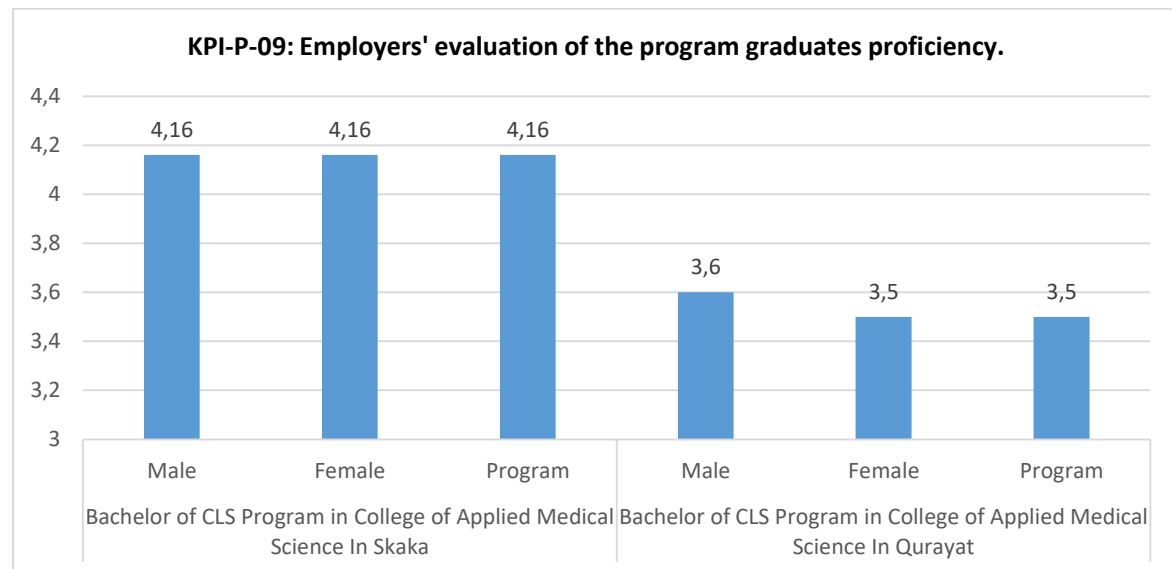
Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 3.5 this achievement is the same as target(3.5) and higher than internal benchmark (3.4) and less than external benchmarks (4.6). For the male the achievement is (3.5) which is less than female sections (3.6). These achievements, in comparison with target(3.7) were found to be not satisfied for male and female. For male and female the achievement is higher than internal benchmark (3.4) and less than external benchmarks (4.4). On the other hand female section achievement was found higher than internal benchmark (3.4) and less than external benchmarks (4.8).
Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
4.16	4.16	4.16	3.6	3.5	3.5



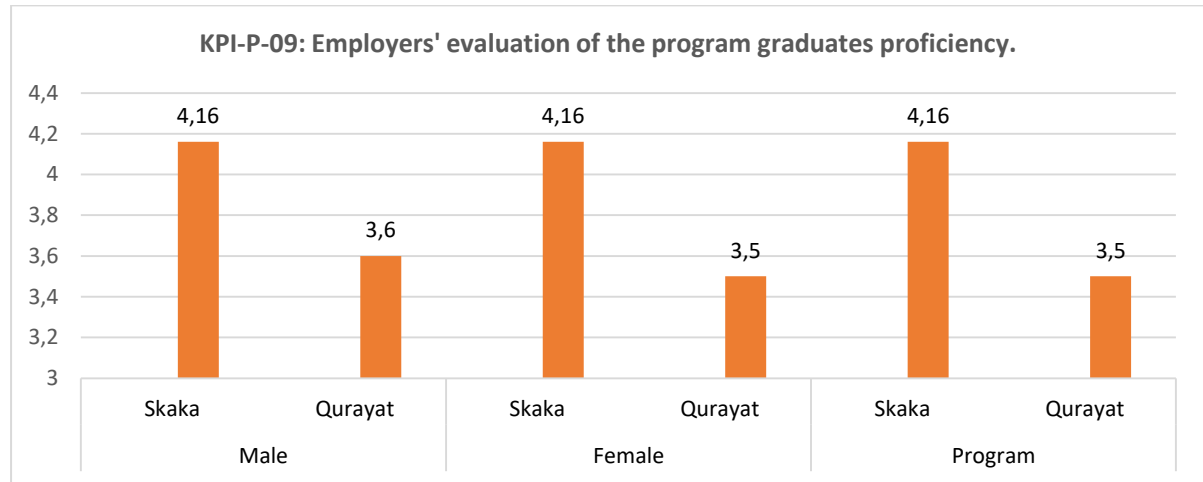
Analysis (list strengths and recommendations):

The actual Benchmark for the employers' evaluation in the Clinical Laboratory Sciences program at the University level is 4.16. The male and female employers' evaluation in the Clinical Laboratory Sciences program in the University level comparable in the program (4.0). The comparison of internal Benchmark of the two academic years 1440-1441 H and 1440-1441 H was low (3.4) than the actual benchmarks and the target Benchmark of (3.7). The external benchmark was not available.

KPI- P-09 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
4.16	3.6	4.16	3.5	4.16	3.5



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for Quraiat college was not achieved at the level of the program for because this is the first batch of graduates. It recommended for the program to adopt strategies reviewing the field experience. But in Sakaka was achieved. It is recommended for the program to adopt strategies reviewing the field experience for both programs

Strengths:

The program the indicator of the objectives of the employers' evaluation for the Clinical Laboratory Sciences Program in the recent year achieved the target benchmark in main campus and in the University but it was slightly low in the University Branch of Qurayat.

Recommendations:

There is a need to continuously encourage the employer to response more effectively to the survey. In addition, the poor items satisfaction need to be improved according to the response and discuss the weakness with the employers.

* Explain:



1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Average of overall rating of employers for the proficiency of the program graduates on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average of overall rating of employers for the proficiency of the program graduates on a five-point scale in an annual survey.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

Standard 4: Students

NCAAA KPI Reference Number: KPI-P-10

Program KPI Reference Number: KPI-P-10

KPI: Students' satisfaction with the offered services.

NCAAA KPI Reference Number: KPI-P- 10: KPI: Students' satisfaction with the offered services							
Jouf University KPI Reference Number: KPI-P-10							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	3.89	3.75	3.84	4	3.4	3.6	4
Main Campus	3.89	3.81	3.88				
Qurayyat branch	3.90	3.70	3.80				

KPI Analysis of Students' satisfaction with the offered services in the Clinical Laboratory Sciences program.

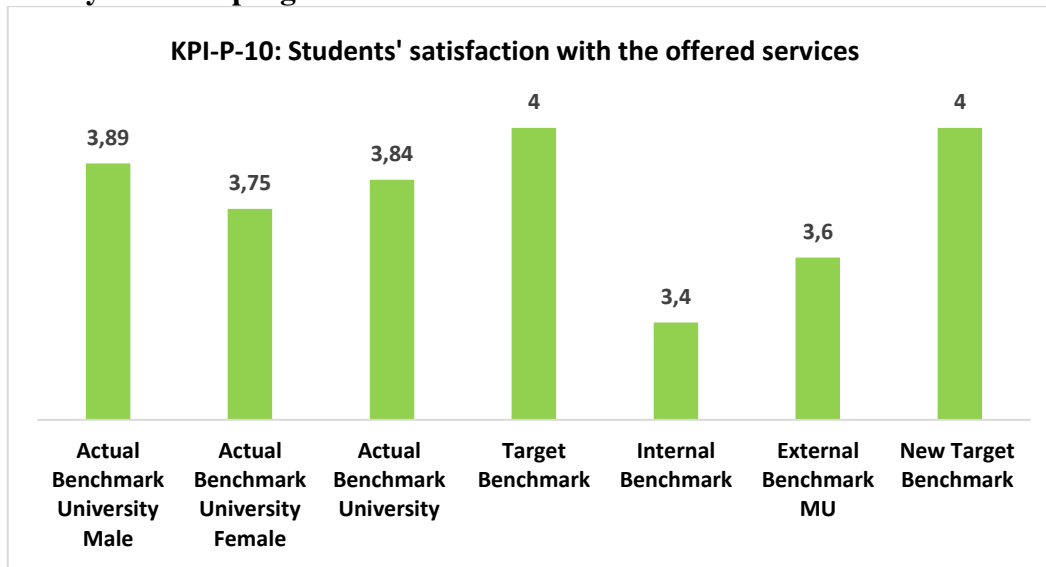
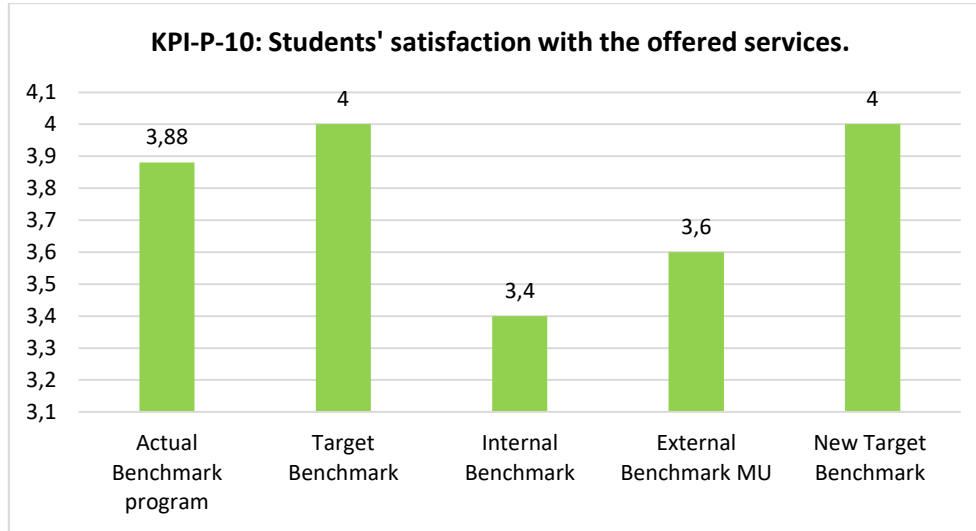


Figure 20: The Students' satisfaction with the offered services in the Clinical Laboratory Sciences program at the University level.

Figure 20: The actual Benchmark for the Students' satisfaction with the offered services in the **Clinical Laboratory Sciences** program at the University level is 3.84. The male students' satisfaction with the offered services in the **Clinical Laboratory Sciences** program in the University level (3.89) was considerably lower than female students' satisfaction with the offered services in the program (3.75). The comparison of internal Benchmark of the last academic year was less (3.4) than the actual benchmarks and less than the target Benchmark of (4.0). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (3.6).

KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.88	4.0	3.4	3.6	4.0



Analysis (list strengths and recommendations):

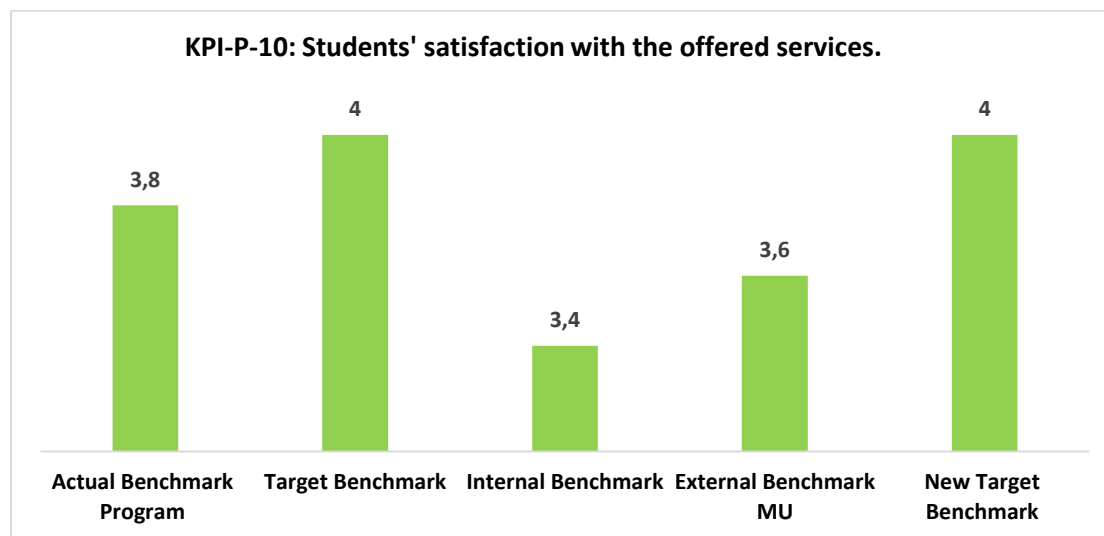
Analysis: Data for this indicator collected by using NCAAA questionnaire. The average achievement of actual benchmark for the program in main campus is 3.88 which is less than target (4.0) this achievement was found to be satisfied when compared with the internal bench mark and external benchmark (3.4 and 3.6). The KPI's value show that the students were satisfied with services provided

Strength: the program provide a lot of services to students such as academic advising

Recommendation: program must adopt strategies reviewing the services provided to students.

KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.8	4	3.4	3.6	4.0



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by using NCAAA questionnaire. The average achievement of actual benchmark for the program in main campus is 3.8 which is less than target (4.0) this achievement was found to be satisfied when compared with the internal bench mark and external benchmark (3.4 and 3.6). The KPI's value show that the students were satisfied with services provided

Strength: the program provide a lot of services to students such as academic advising

Recommendation: program must adopt strategies reviewing the services provided to students.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.2	3.2	3.9
Female	3.3	4	3.7
Program	3.25	3.6	3.8

KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

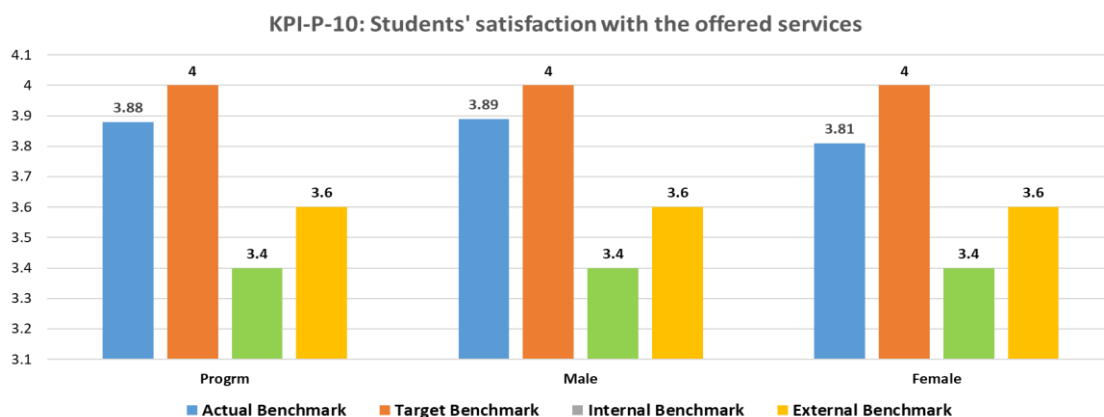
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.88	4.0	3.4	3.6	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.89	4.0	3.4	3.6	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.81	4.0	3.4	3.6	4.0



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 3.88 this achievement is less than target(4) and higher than internal benchmark and external benchmarks (3.4 and 3.6). For the male the achievement is (3.89) which is same as female sections (3.81). These achievements, in comparison with target (4.0) were found to be not satisfied for male and female. For male and female the achievement is higher than internal and external benchmarks (3.4). On the other hand female section achievement was found high than internal benchmark (3.4) and same as external benchmarks (3.8).

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

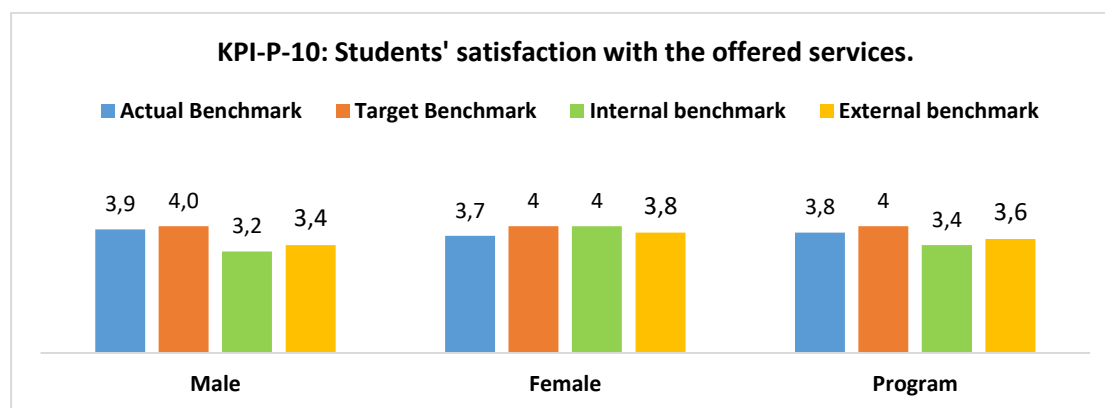
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.8	4	3.6	3.6	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.9	4	3.2	3.6	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.7	4	4.0	3.6	4.0



Analysis (list strengths and recommendations)

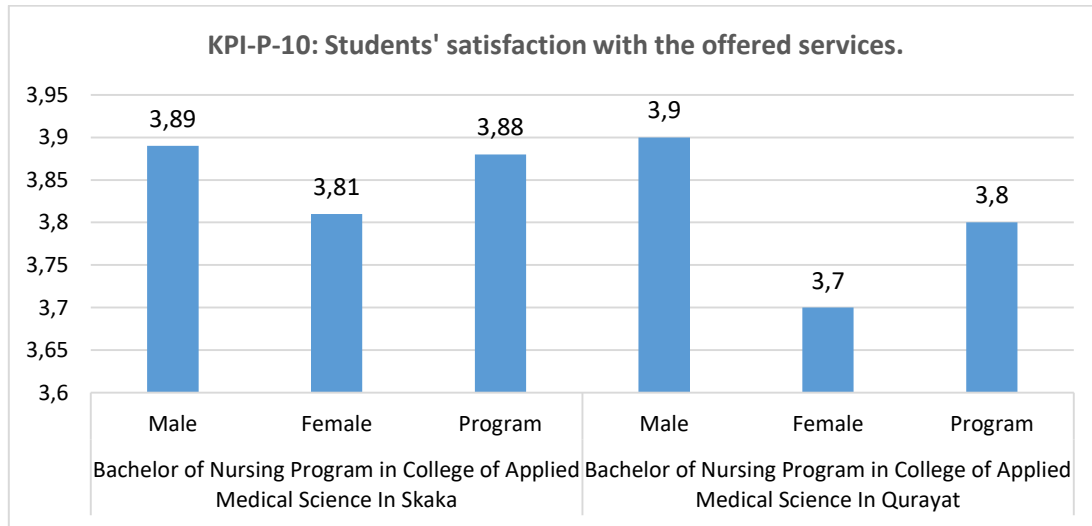
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 3.8 this achievement is less than target (4) and higher than internal benchmark (3.4) and less than external benchmarks (3.6). For the male the achievement is (3.5) which is less than female sections (3.6). These achievements, in comparison with target (4.0) were found to be not satisfied for male and female. For male the achievement is higher than internal and external benchmarks (3.2 and 3.4). On the other hand, female section achievement was found to be less than internal and external benchmarks (4 and 3.8).

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
3.89	3.81	3.88	3.9	3.7	3.8

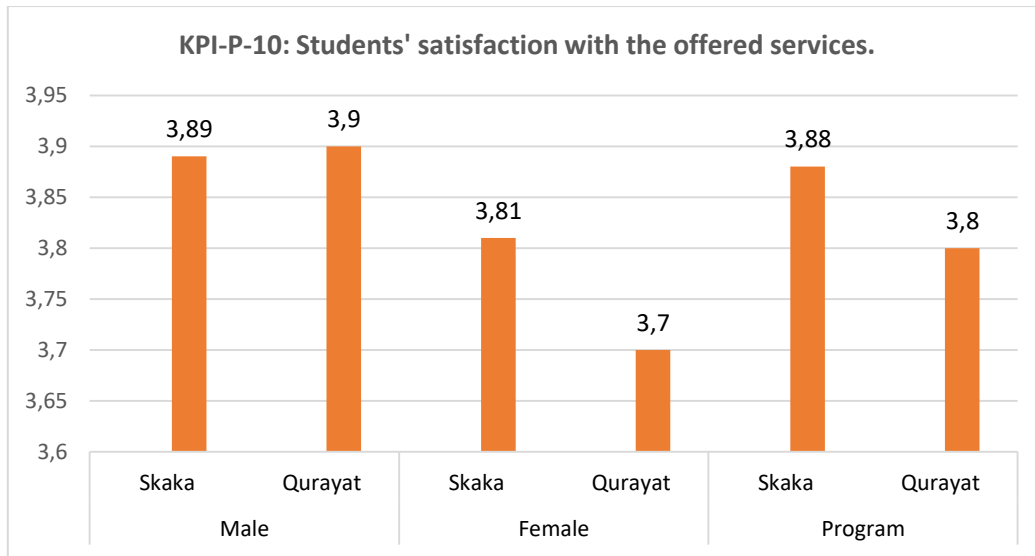


Analysis (list strengths and recommendations):

The actual Benchmark for the Students' satisfaction with the offered services in the Clinical Laboratory Sciences program at the University level is 3.88. The male students' satisfaction with the offered services in the Clinical Laboratory Sciences program in the University level (3.89) was considerably lower than female students' satisfaction with the offered services in the program (3.81). The comparison of internal Benchmark of the two academic years 1440-1441 H and 1440-1441 H was high (3.5) than the actual benchmarks and lower than the target Benchmark of (4.0). The external benchmark was not available

**KPI- P-10 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
3.89	3.9	3.81	3.7	3.88	3.8



Analysis (list strengths and recommendations):

The average achievement of actual benchmark is reflecting that target was not achieved at the level of Qurayyat program. But minimum achievement for Sakaka. It is recommended for the program to adopt strategies to improve offered services



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Average of students' satisfaction rate with the various services offered by the program (restaurants, transportation, sports facilities, academic advising, ...) on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average of students' satisfaction rate with the various services offered by the program (restaurants, transportation, sports facilities, academic advising, ...) on a five-point scale in an annual survey.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

Standard 5: Teaching Staff

NCAA KPI Reference Number: KPI-P-11

Program KPI Reference Number: KPI-P-11

KPI: Ratio of students to teaching staff.

NCAA KPI Reference Number: KPI-P- 11: Ratio of students to teaching staff.

Jouf University KPI Reference Number: KPI-P-11

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Average				
University	8.3:1	12.85:1	9.45:1	10:1	12:1	6.02:1	10:1
Main Campus	7.1:1	18.6:1	10.6:1				
Qurayyat branch	9.5:1	7.1:1	8.3:1				

KPI Analysis of the Ratio of students to teaching staff in the Clinical Laboratory Sciences program.

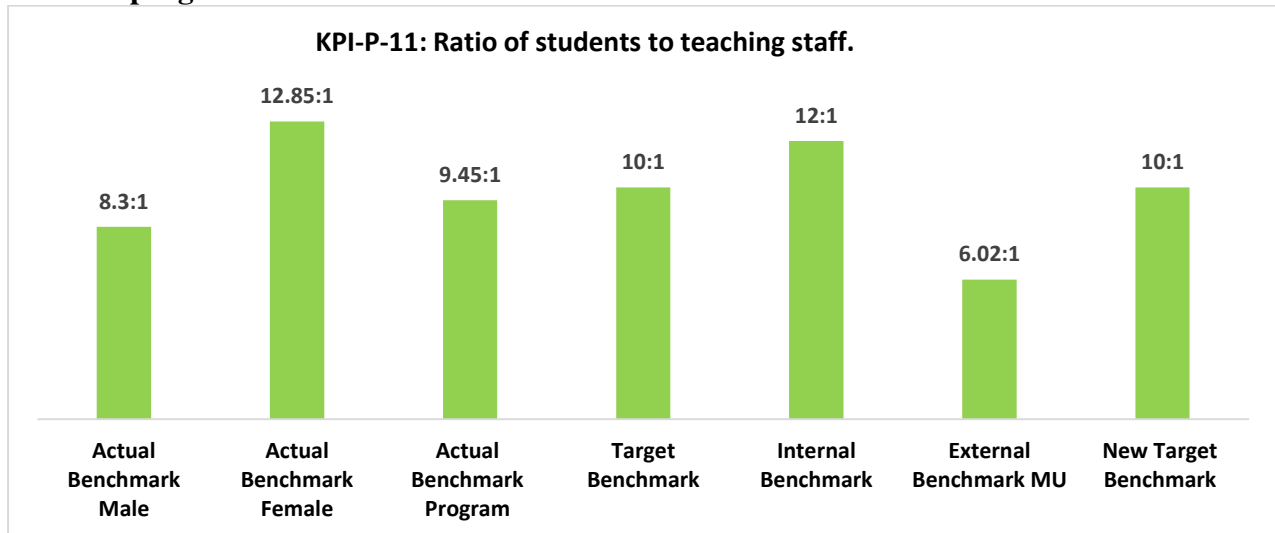
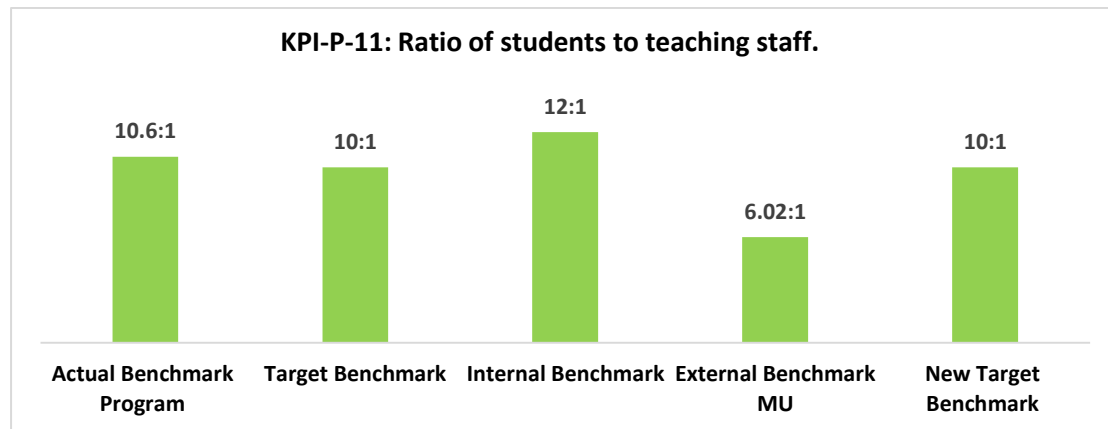


Figure 22: The ratio of students to teaching staff in the Clinical Laboratory Sciences program at the University level.

Figure 22: The actual Benchmark for the ratio of students to teaching staff in the **Clinical Laboratory Sciences** program at the University level is 9.45:1. The ratio of female students to teaching staff in the **Clinical Laboratory Sciences** program in the University level (12.85:1) was considerably higher than the ratio of male students to teaching staff in the program (8.3:1). The comparison of internal Benchmark of the last academic year was high (12:1) than the actual benchmarks and the target benchmark of (10:1). The external benchmark was carried out and the comparisons showed the actual benchmark was higher than Majmaah University (9.45:1).

KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
10.6:1	10:1	12:1	6.02:1	10:1



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in main campus is 10.6:1 which is higher than target (10:1) this achievement was found to be satisfied when compared with the internal bench mark(12:1) and higher than external benchmark (6.02:1). The KPI's value show that the ratio of students to teaching staff satisfied.

Strength: the program has adequate number of teaching staff to satisfy the teaching process needs.

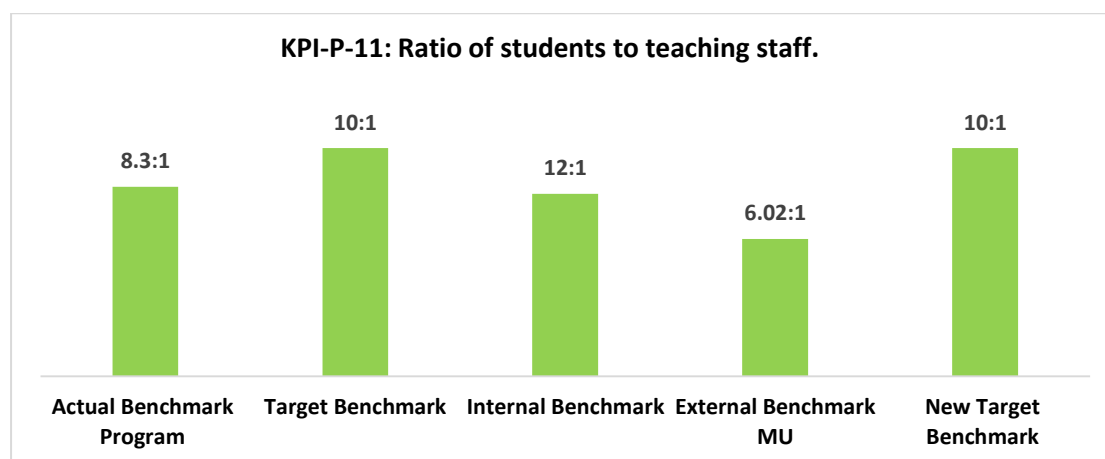
Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	4:1	7:1	7.1:1
Female	14:1	16:1	18.6:1
Program	9:1	12:1	10.6:1

KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
8.3:1	10:1	12:1	6.02:1	10:1



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in Qurayyat branch is 8.3:1 which is less than target (10:1) this achievement was found to be satisfied when compared with the internal bench mark(8:1) and higher than external benchmark (6.02:1). The KPI's value show that the ratio of students to teaching staff satisfied.

Strength: the program has adequate number of teaching staff to satisfy the teaching process needs.

Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	6:1	7:1	9.5:1
Female	8:1	8:1	7.1:1
Program	7:1	8:1	8.3:1

KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Skaka Program

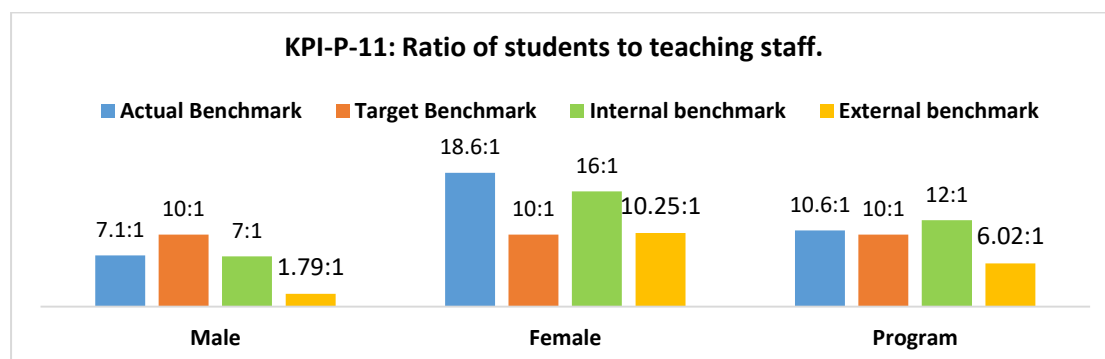
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
10.6:1	10:1	12:1	6.02:1	10:1

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.1:1	10:1	7:1	6.02:1	10:1

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
18.6:1	10:1	16:1	6.02:1	10:1



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 10.6:1 this achievement is higher than target(10:1) and less than internal benchmark(12:1) and higher than external benchmarks (6.02:1). For the male the achievement is (7.1) which is less than female sections (18.6). These achievements, in comparison with target(10:1) were found to be satisfied for male and not for female. For male the achievement is slightly higher than internal and external benchmarks (7 and 1.79). On the other hand female section achievement was found to be higher than internal and external benchmarks (16 and 10.25).

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

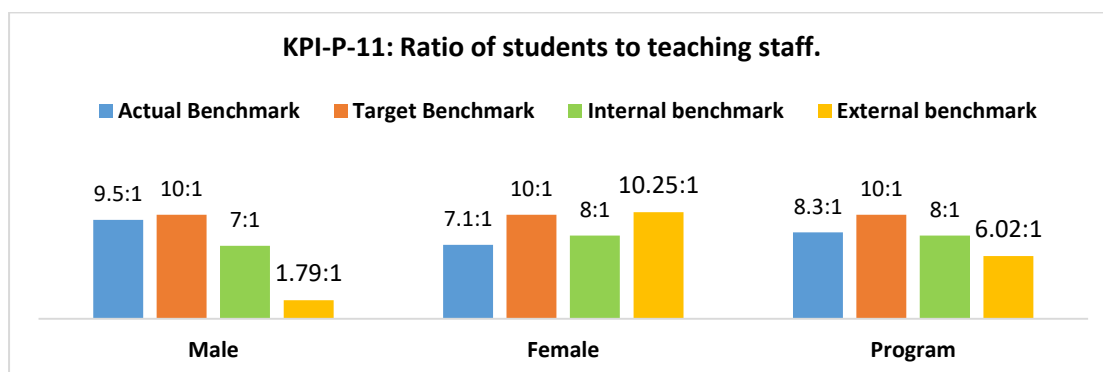
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
8.3:1	10:1	8:1	6.02	10:1

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
9.5:1	10:1	7:1	6.02	-

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.1:1	10:1	8:1	6.02	10:1



Analysis (list strengths and recommendations)

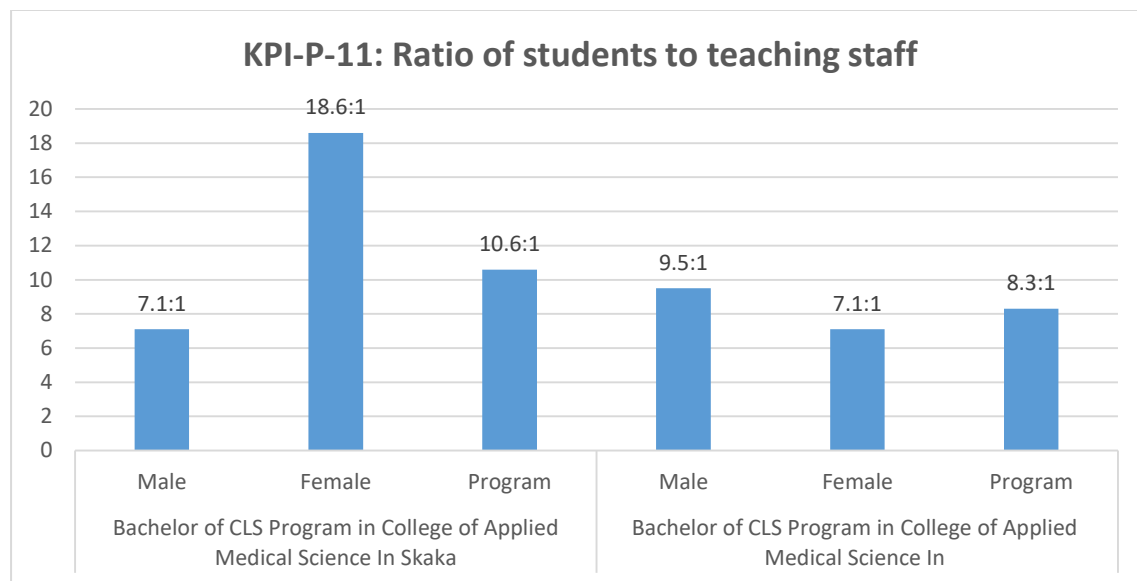
Analysis The average achievement of actual benchmark for the program in main campus is 8.3:1 this achievement is less than target(10:1) and higher than internal and external benchmarks (8:1 and 6.02:1). For the male the achievement is (9.5:1) which is higher than female sections (7.1). These achievements, in comparison with target(10:1) were found to be satisfied for male and not for female. For male the achievement is slightly higher than internal and external benchmarks (7 and 1.79). On the other hand female section achievement was found to be less than internal and external benchmarks (8 and 10.25).

Strength: the program learning outcomes were prepared and aligned with the profession requirements.

Recommendation: program must continuously communicate with the profession practitioners to adopt strategies reviewing the field experience.

KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
7.1:1	18.6:1	10.6:1	9.5:1	7.1:1	8.3:1



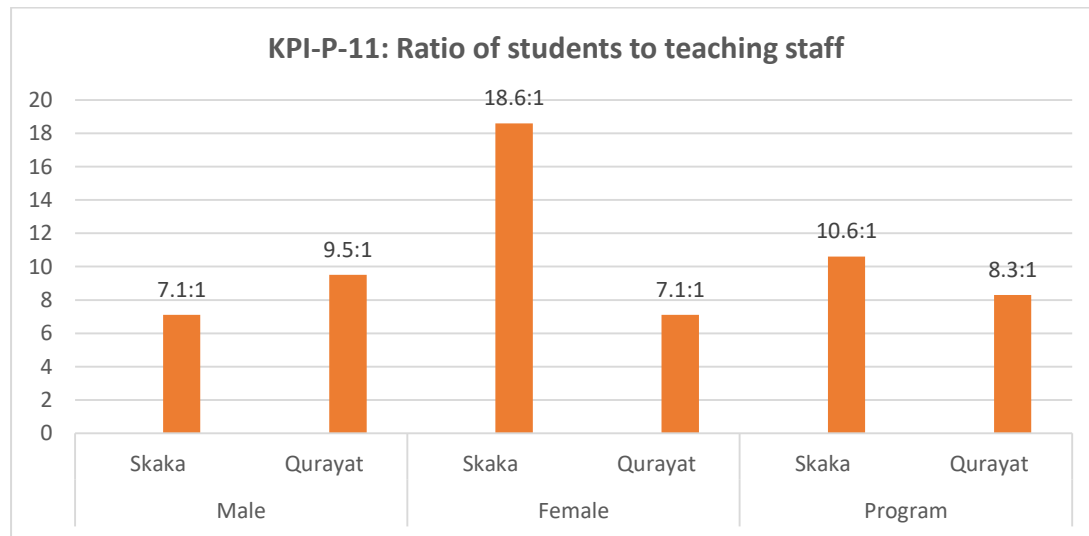
Analysis (list strengths and recommendations):

The actual benchmark shows that the ratio of students to teaching staff in the Clinical Laboratory Sciences program at the main Campus and University Branch of Qurayat (10.6) and (8.3) respectively. The ratio of students to teaching staff in the Clinical Laboratory Sciences program in the main campus was high to the ratio of students to teaching staff in the program in the University Branch of Qurayat and University except in male scale which was equal to all sections.

There was remarkable difference between actual benchmarks of the female and male scales for ratio of students to teaching staff in the Clinical Laboratory Sciences program at the Main Campus which was high than the University. In the university Branch of Qurayat the Clinical Laboratory Sciences program for ratio of students to teaching staff was lower to the main Campus.

**KPI- P-11 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
7.1:1	9.5:1	18.6:1	7.1:1	10.6:1	8.3:1



Analysis (list strengths and recommendations):

This reflects that Sakaka program actual is satisfied. But it is recommended to employ more staff. In Qurayat reflects that the program achieve result better and satisfied. The strength point that the programs had recruiting plan for the coming five years to cover the shortage in specialty. The strength point that the programs had recruiting plan for the coming five years to cover the shortage in specialty. It recommended that the programs to work on sustain the target value of benchmark

Strengths: The program indicator of the ratio of students to teaching staff for the Clinical Laboratory Sciences Program was overall achieved in main campus and University but it was low in all branches of male scales and in program of the University Branch of Qurayat.

Recommendations: It is recommend to create the job opportunity and hire the new teaching staff to improve the standards of education and scientific and skillful activities. Enhancement in the enrollment of the students should also be carried out in the department for the new-year.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Ratio of the total number of students to the total number of full-time and fulltime equivalent teaching staff in the program.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Ratio of the total number of students to the total number of full-time and fulltime equivalent teaching staff in the program.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-12

Program KPI Reference Number: KPI-P-12

KPI: Percentage of teaching staff distribution.

NCAA KPI Reference Number: KPI-P-12: Percentage of teaching staff distribution.

Jouf University KPI Reference Number: KPI-P-12

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	63.95%	37.05%	100.0%	50.0%	%0	%0	50.0%
Main Campus	71.40%	28.60%	100.0%				
Qurayyat branch	55.50%	45.50%	100.0%				

KPI Analysis of the Percentage of teaching staff distribution based on gender in the Clinical Laboratory Sciences program.

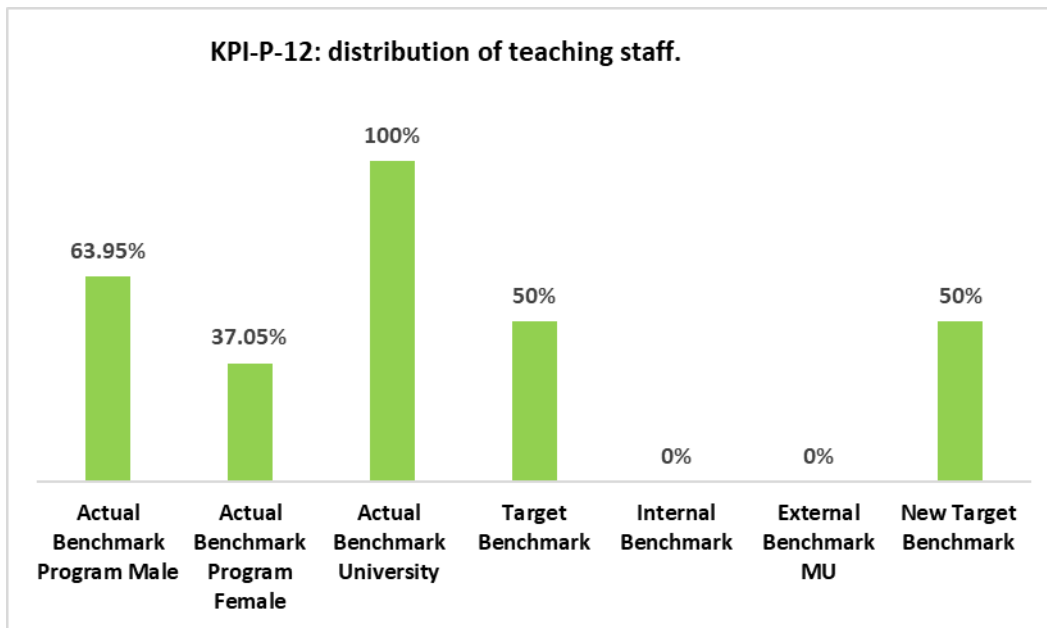


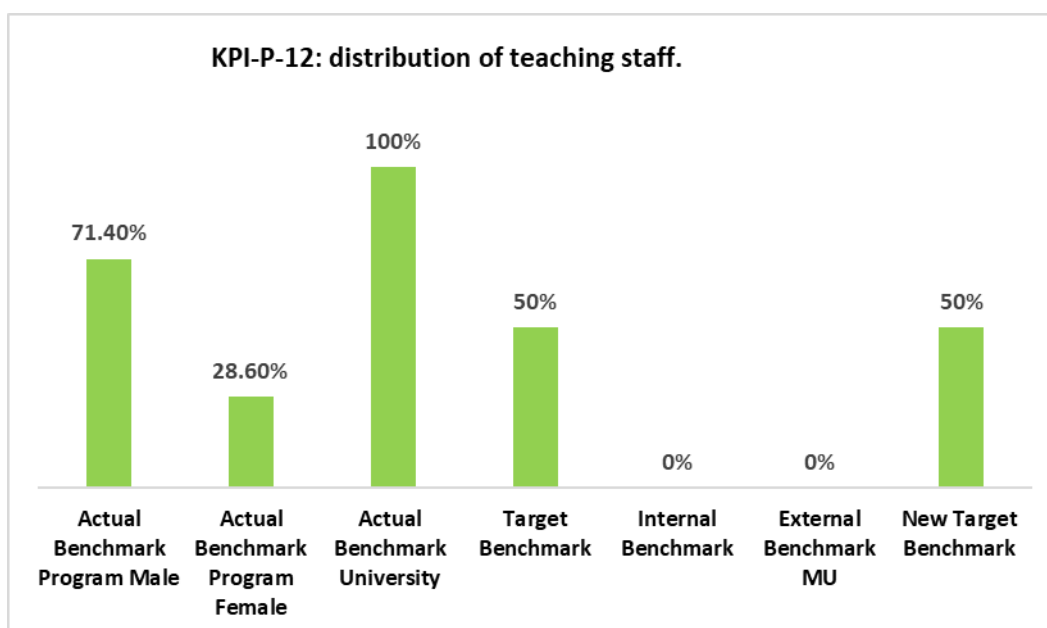
Figure 24: The percentage of teaching staff distribution based on gender in the Clinical Laboratory Sciences program at the University level.

Figure 24: The actual Benchmark for the male the percentage of teaching staff distribution based on gender in the **Clinical Laboratory Sciences** program in the University level was 63.95% and in females 37.05%. The internal Benchmark for the 1440-1441 H was 50%. The new target Benchmark was set to 50%. The external benchmark was not carried out.

Program

KPI- P-12 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
71.4% male 28.6% female	50.0% male 50.0% female	70.3% male 29.7% female	NA	50.0% male 50.0% female



Analysis (list strengths and recommendations):

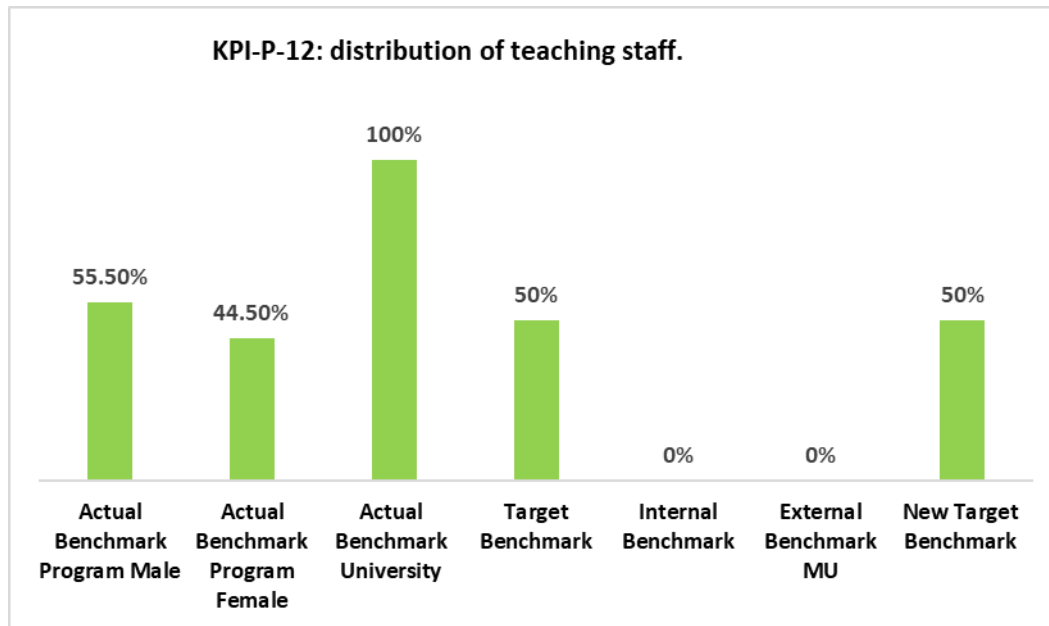
Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in main campus for male is (71.%) which is higher than target (50%) and for the female the achievement was found to be less than target (50%). The KPI's value show that the ratio of the females staff less than target.

Strength: programs had recruiting plan for the coming five years to cover the shortage in specialty.

Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

KPI- P-12 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayyat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
55.5% male 4% female	50%	50% male 50% female		50%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in Qurayyat campus for male is (55.5%) which is higher than target (50%) and for the female the achievement was found to be less than target (50%). The KPI's value show that the ratio of the females staff less than target.

Strength: programs had recruiting plan for the coming five years to cover the shortage in specialty.

Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

Table 12 B: KPI-P- 12 Percentage of teaching staff distribution based on Academic Ranking.

NCAAA KPI Reference Number: KPI-P- 12: Percentage of teaching staff distribution based on Academic ranking in University and in Branches.						
Jouf University KPI Reference Number: KPI-P-12						
Actual Benchmark 1440-1441						
Level	Academic Rank	Actual Benchmark	Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU 1440-41	New Target Benchmark
The University	Professor	2.75%	10%	0%	0%	10%
	Assoc. professor	18.2%	20%	21%	33.4%	20%
	Asst. professor	68.05%	55%	68.5%	37%	55%
	Lecturer	10.8%	15%	10.5%	25.9%	15%
The Main Campus	Professor	0%				
	Assoc. Professor	14.2%				
	Asst. Professor	75%				
	Lecturer	10.5%				
The University Branch of Qurayat	Professor	5.6%				
	Assoc. Professor	22.2%				
	Assist Professor	61.1%				
	Lecturer	11.1%				

KPI Analysis of the percentage of teaching staff distribution based on Academic Ranking in the Clinical Laboratory Sciences program.

✚ The Clinical Laboratory Sciences program at the University level:

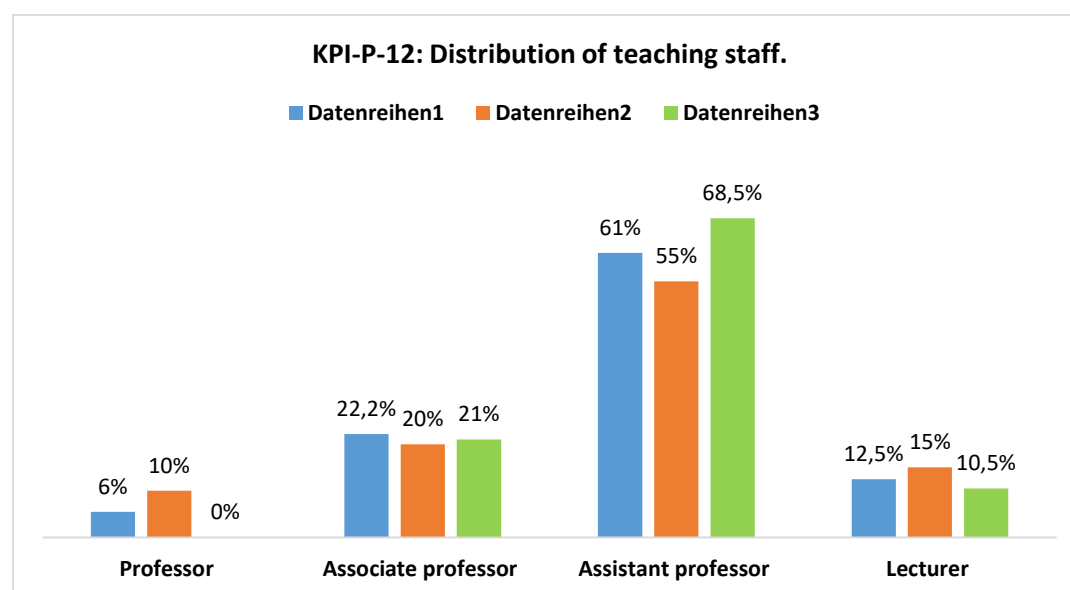


Figure 28: The percentage of teaching staff distribution based on Academic Ranking in the Clinical Laboratory Sciences program at the University level.

Figure 28: The above data shows that the distribution of the teaching staff in University shows 2.8% Professors, 18% Associate Professors, 70.3% Assistant Professors and 8.9% Lecturers which is high than the target benchmark for assistant professors but it was less than target benchmark for Professors, Associate professors and lecturers.

Strengths:

✚ The program indicator for teaching staff distribution based on academic ranking was achieved in the ranks of Assistant professors and Lecturers but it was low for professors and Associate professors in all scales of the University, Main campus and the University Branch of Qurayat. In main campus, the target benchmark for associate professor was achieved.

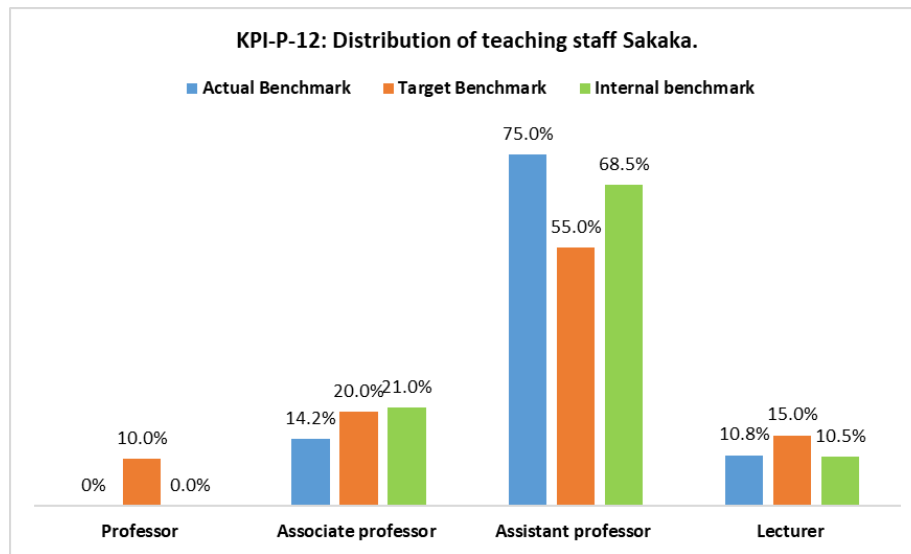
✚ **Recommendations:**

✚ Encourage recruitment of new teaching staff especially in the female section and maintain the positions of teaching staff so that they can be promoted to higher rank which will be beneficial for the postgraduate studies.

✚ **The Clinical Laboratory Sciences program at the University, Main Campus and University Branches level:**

KPI- P-12 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
Professor: 0%	Professor: 10%	Professor: 0%	Professor: 0%	Professor: 10%
Associate: 14.2%	Associate: 20%	Associate: 21%	Associate: 33.3%	Associate: 20%
Assistant: 75%	Assistant: 55%	Assistant: 68.5%	Assistant: 37%	Assistant: 55%
Lecturer : 10.8%	Lecturer : 15%	Lecturer : 10.5	Lecturer : 25.9%	Lecturer : 15%

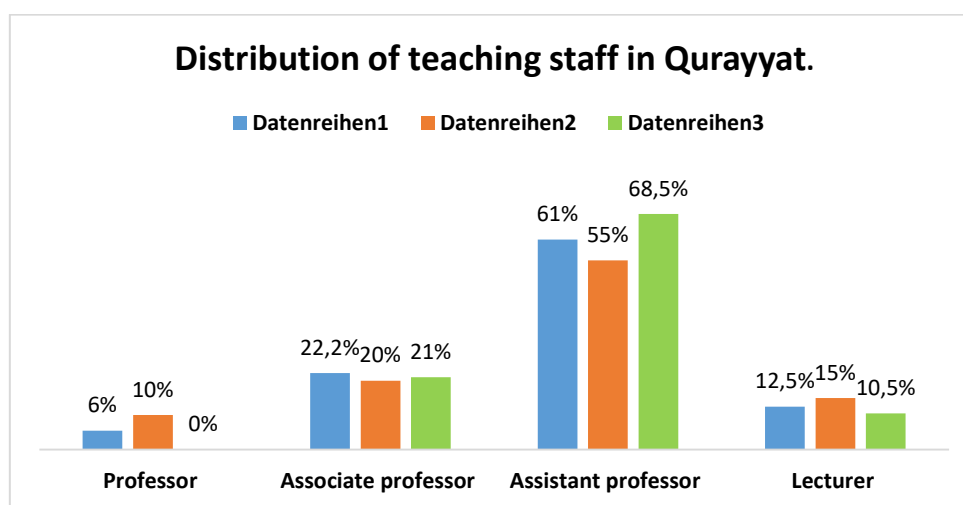


Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program is 0% for professor, 14.2% associate , 75% assistant and 10.8% for lecturers for academic year (1441-1442). This reflects that the program need to recruit more female staff. The strength point that the programs had recruiting plan for the coming five years to cover the shortage in specialty. It recommended that the programs to work on sustain the target value of benchmark.

KPI- P-12 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
Professor: 5.5%	Professor: 10%	Professor: 9%	Professor: 0%	Professor: 10%
Associate: 22.2%	Associate: 20%	Associate: 5%	Associate: 33.3%	Associate: 20%
Assistant: 61.1%	Assistant: 55%	Assistant: 67%	Assistant: 37%	Assistant: 55%
Lecturer : 12.5%	Lecturer : 15%	Lecturer : 19%	Lecturer : 25.9%	Lecturer : 15%



Analysis (list strengths and recommendations):

The average achievement of actual benchmark for the program is 5.5% for professor, 22.2% associate, 61% assistant and 12.5% for lecturers for academic year (1441-1442). This reflects that the program need to recruit more female staff. The strength point that the programs had recruiting plan for the coming five years to cover the shortage in specialty. It recommended that the programs to work on sustain the target value of benchmark.



* **Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

Percentage of teaching staff distribution based on:

- Gender
- Branches
- Academic Ranking

3. Name of the internal benchmark provider.

** **Explain:**

7. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Percentage of teaching staff distribution based on:

- Gender
- Branches
- Academic Ranking

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-13

Program KPI Reference Number: KPI-P-13

KPI: Proportion of teaching staff leaving the program.

NCAA KPI Reference Number: KPI-P-13: Proportion of teaching staff leaving the program.

Jouf University KPI Reference Number: KPI-P-13

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	0%	5.5%	2.8%	2%	8%	7.4%	2%
Main Campus	0.0%	0.0%	0.0%				
Qurayyat branch	0.0%	11.0%	5.5%				

KPI Analysis of the proportion of teaching staff leaving the Clinical Laboratory Sciences program.

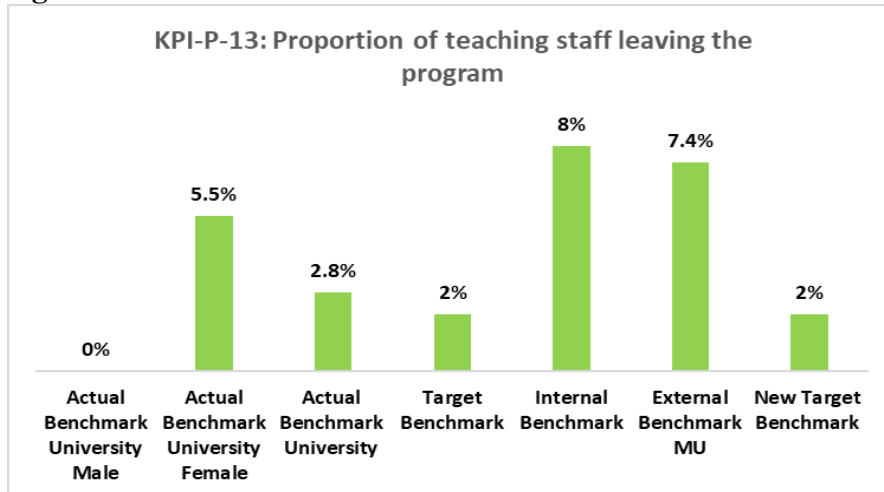


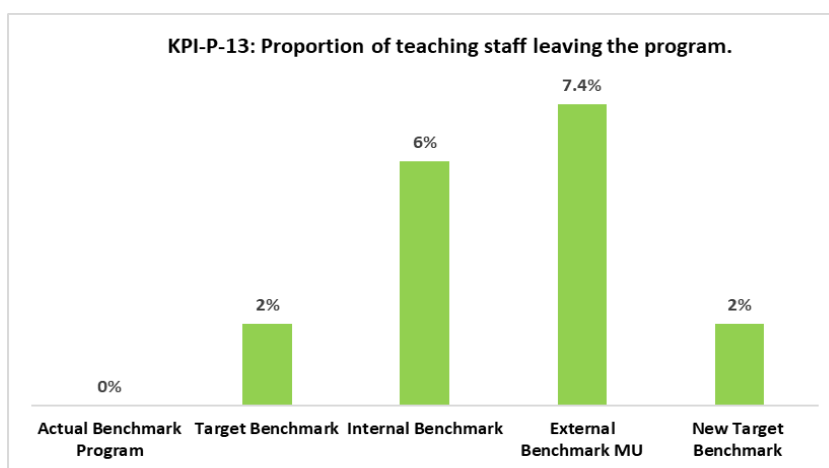
Figure 30: The proportion of teaching staff leaving the Clinical Laboratory Sciences program at the University level.

Figure 30: The actual Benchmark for the proportion of teaching staff leaving in the **Clinical Laboratory Sciences** program at the University level is 2.8%. The proportion of male teaching staff leaving in the **Clinical Laboratory Sciences** program in the University level (0%) was less than the proportion of female teaching staff leaving in the program (5.5%). The comparison of internal Benchmark of the last academic year 1440-1441 H was less (1%) than the actual benchmarks and the target Benchmark of (2%). The external benchmark was carried out and the comparisons showed the actual benchmark was very high to those of Majmaah University (7.4%).

Program

KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0	2%	6%	7.4%	2%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in main campus is (0%) which is less than target (2%) this achievement was found to be satisfied when compared with the internal bench mark(1%) and higher than external benchmark (7.4%). The KPI's value show that program deserve the teaching staff.

Strength: the program has adequate number of teaching staff to satisfy the teaching process needs.

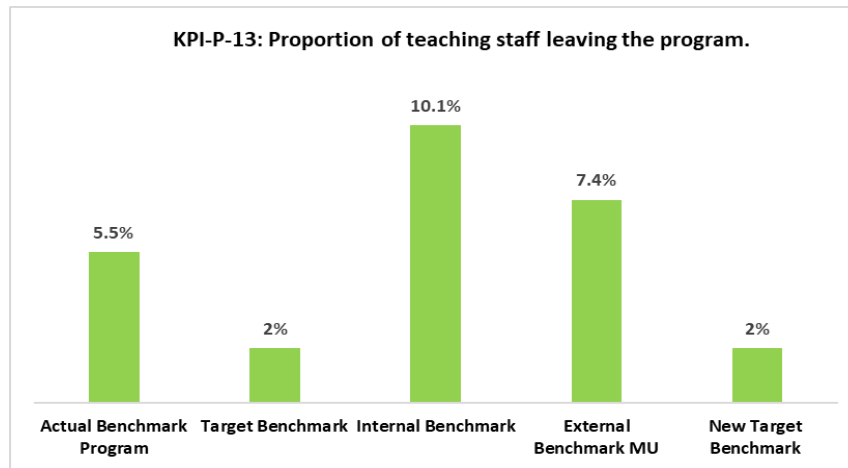
Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	15%	11%	0%
Female	0%	4%	0%
Program	15%	7%	0%

KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5.5%	2%	10.1%	7.4%	2%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by academic affairs unit. The average achievement of actual benchmark for the program in main campus is (5.5%) which is higher than target (2%) this achievement was found to be satisfied when compared with the internal bench mark(11%) and higher than external benchmark (7.4%). The KPI's value show that program deserve the teaching staff.

Strength: the program has adequate number of teaching staff to satisfy the teaching process needs.

Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	8%	11%	0%
Female	0%	10%	11%
Program	4%	11%	5.5%

KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

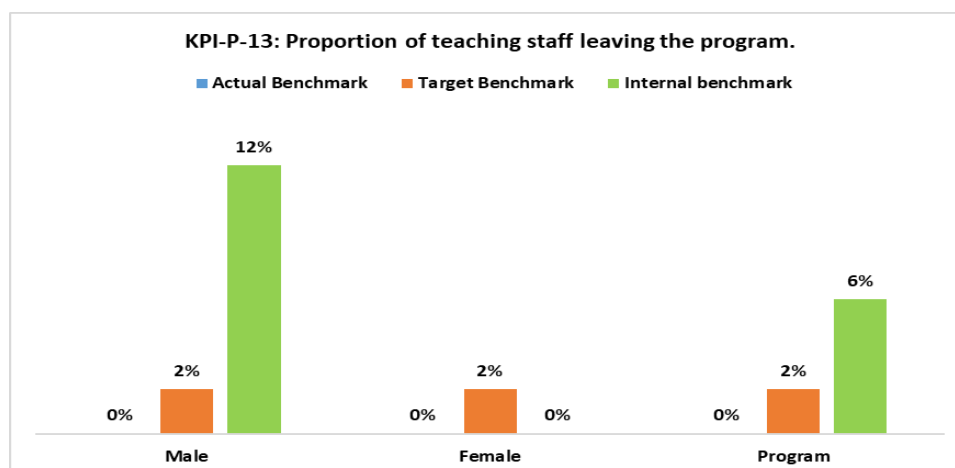
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	2%	6%	7.4%	2%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	2%	12%	10.5%	2%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	2%	0%	0%	2%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 0% this achievement is less than target (2%) and internal and external benchmarks (1 and 7.4%). For the male the achievement is (0%) which is same as female sections (0%). These achievements, in comparison with target (2%) were found to be satisfied for male and not for female. For male the achievement is less than internal and external benchmarks (1% and 10.5%). On the other hand female section achievement was found to be less than internal (2%) and same as external benchmark.

Strength: the program has adequate number of teaching staff to satisfy the teaching process needs.

Recommendation: program must adopt strategies to recruit new staff and deserve the

available staff.

KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat Program

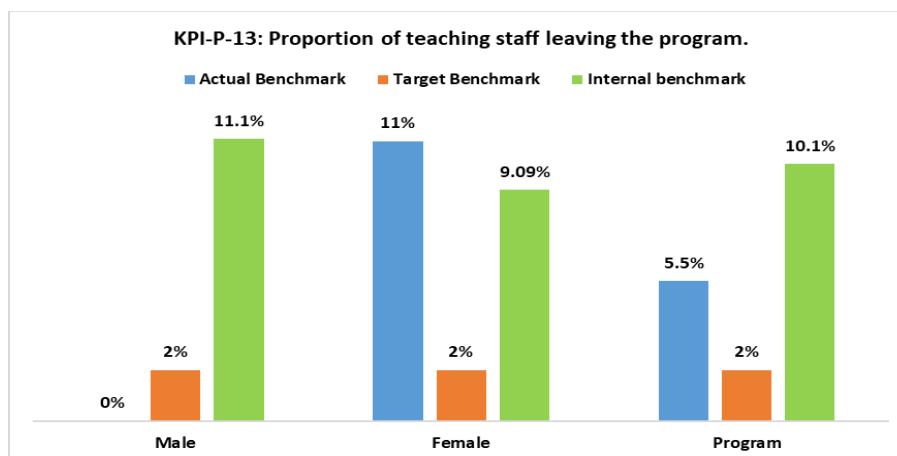
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5.5%	2%	10.1%	7.4%	2%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0%	2%	11.1%	10.5%	2%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
11%	2%	9.09%	0%	2%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 5.5% this achievement is high than target(2%) and internal and external benchmarks (11 and 7.4%). For the male the achievement is (0%) which is less than female sections (11%). These achievements, in comparison with target(2%) were found to be satisfied for male and not for female. For male the achievement is less than internal and external benchmarks (11% and 10.5%). On the other hand female section achievement was found to be high than internal (2%) and higher external benchmark.

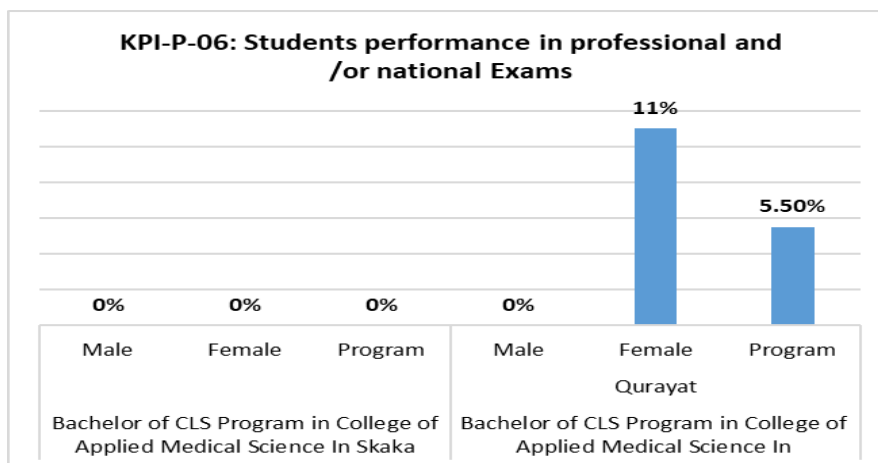
Strength: the program has adequate number of teaching staff to satisfy the teaching

process needs.

Recommendation: program must adopt strategies to recruit new staff and deserve the available staff.

KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science in Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science in Qurayat		
Male	Female	Program	Male	Female	Program
0%	0%	0%	0%	11%	5.5%

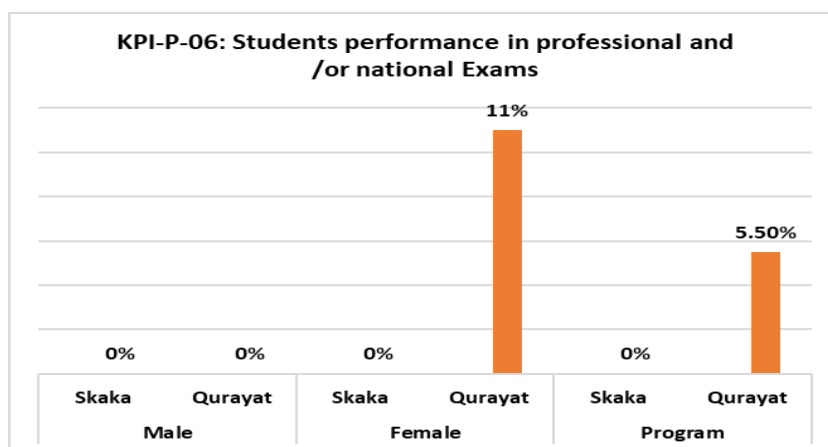


Analysis (list strengths and recommendations):

The actual Benchmark for the proportion of teaching staff leaving in the Clinical Laboratory Sciences program at the University level is 2.5%. The proportion of male teaching staff leaving in the Clinical Laboratory Sciences program in the University level (0%) was less than the proportion of female teaching staff leaving in the program (5%). The comparison of internal Benchmark of the two academic years 1440-1441 H and 1440-1441 H was high (10%) than the actual benchmarks and the target Benchmark of (2%). The external benchmark was carried out and the comparisons showed the actual benchmark was very high to those of Majmaah University (0%).

**KPI- P-13 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
0%	0%	0%	11%	0%	5.5%



Analysis (list strengths and recommendations):

The actual benchmark for which is reflecting the commitment of the program to deserve teaching staff. KPI value is showing that the recruitment process is going according to a policy that maintains staff members to fill the gap.

Strengths: The proportion of the staff leaving the program have decreased from previous year as shown in comparison to the internal benchmark.

Recommendations: Staff members should be encouraged to stay longer in the program. The faculty must be given job satisfaction by providing three years renewal of contract in the Job.



*** Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

Proportion of teaching staff leaving the program annually for reasons other than age retirement to the total number of teaching staff.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Proportion of teaching staff leaving the program annually for reasons other than age retirement to the total number of teaching staff.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-14

Program KPI Reference Number: KPI-P-14

KPI: Percentage of publications of faculty members.

NCAA KPI Reference Number: KPI-P- 14: Percentage of publications of faculty members.							
Jouf University KPI Reference Number: KPI-P-14							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	68.3%	66.6%	67.5%	70%	69.5%	55.6%	80.0%
Main Campus	70.0%	77.7%	72.4%				
Qurayyat branch	66.6%	55.5%	61.1%				

KPI Analysis of the percentage of publications of faculty members in the Clinical Laboratory Sciences program.

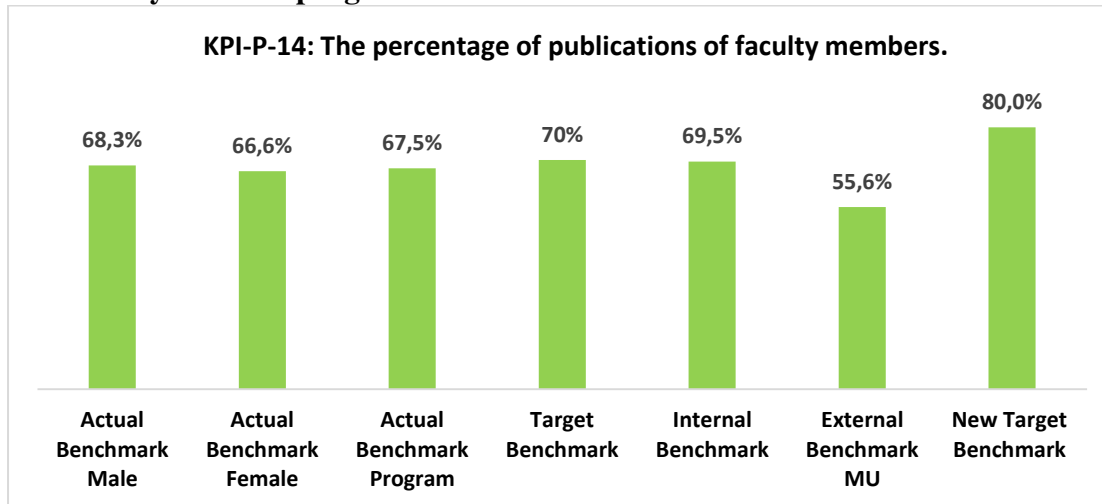
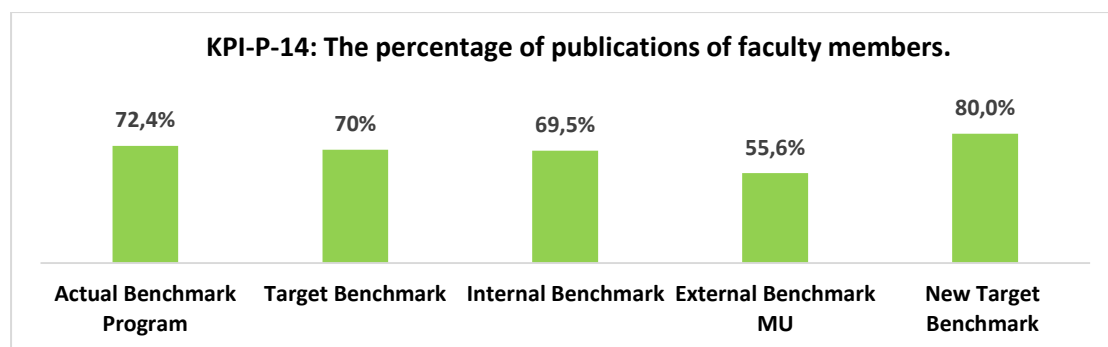


Figure 31: The percentage of publications of faculty members in the Clinical Laboratory Sciences program at the University level.

Figure 31: The actual Benchmark for the percentage of publications of faculty members in the **Clinical Laboratory Sciences** program at the University level is 66.8%. As, it is clear that the percentage of publications of male faculty members in the **Clinical Laboratory Sciences** program in the University level (68.3%) was higher than the percentage of publications of female faculty members in the program (66.6%). The comparison of internal Benchmark of the last academic year was higher (69.5%) than the actual benchmarks and less than target Benchmark of (70%). The external benchmark was carried out and the comparisons showed the actual benchmark was better than those of Majmaah University (55.6%).

KPI- P-14 for Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
72.4%	70%	69.5%	55.6%	80%



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for number of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in main campus is (72.4%) which is higher than target (70%) this achievement was found to be satisfied when compared with the internal bench mark(69.5%) and higher than external benchmark (55.6%).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

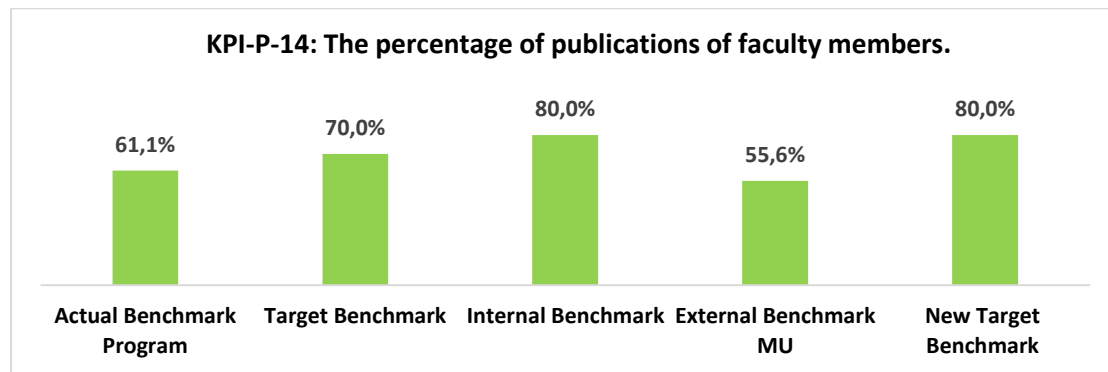
Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	82%	68%	70%
Female	40%	71%	77.7%
Program	61%	69.5%	72.4%

KPI- P-14 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
61.1%	70%	80%	55.6%	80%



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for number of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in main campus is (61.1%) which is less than target (70%) this achievement was found to be not satisfied when compared with the internal bench mark(80%) and higher than external benchmark (55.6%).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	75%	90%	66.6%
Female	56%	70%	55.5%
Program	66%	80%	61.1%

KPI- P-14 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

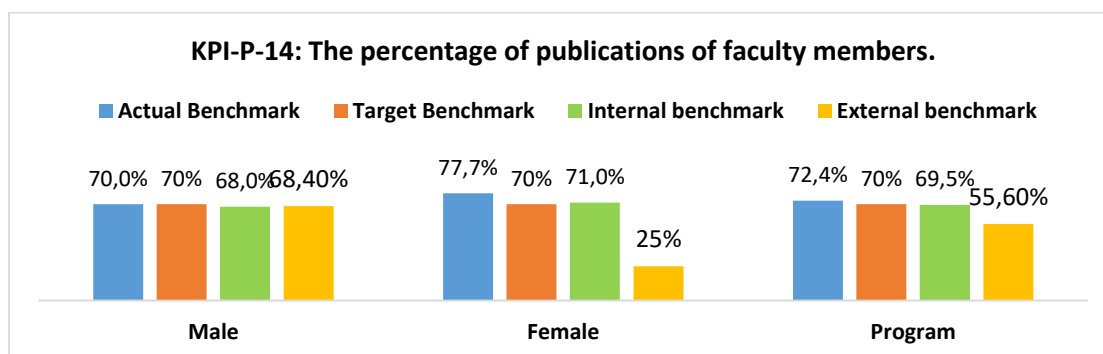
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
72.4%	70%	69.5%	55.6%	80%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
70%	70%	68%	55.6%	80%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
77.7%	70%	71%	55.6%	80%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 72.4% this achievement is high than target(70%) and less than internal benchmark (69.55) and higher than external benchmarks (55.6%). For the male the achievement is (70%) which is less than female sections (77.7%). These achievements, in comparison with target(70%) were found to be satisfied for male and not for female. For male the achievement is higher than internal and external benchmarks (68.0% and 68.4%). On the other hand female section achievement was found to be high than internal and external benchmark(71% and 25%).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-14 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat Program

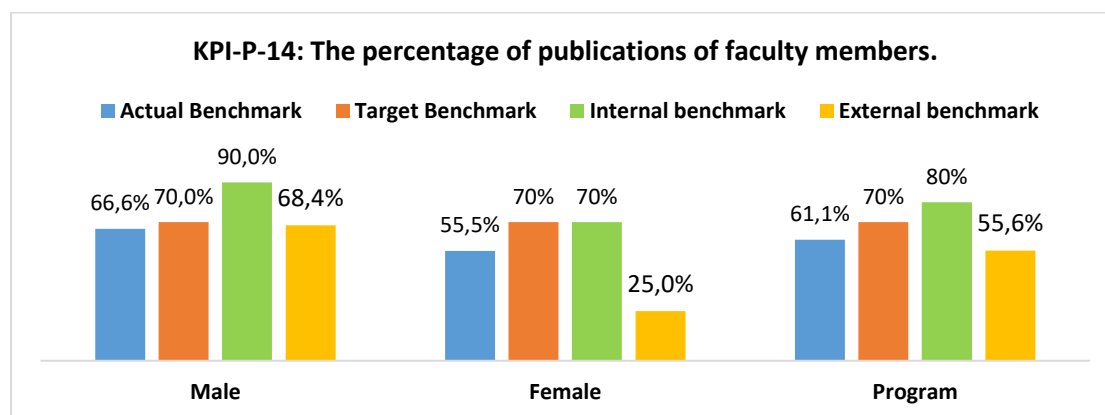
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
61.1%	70%	80%	55.6%	80%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
66.6%	70%	90%	55.6%	80%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
55.5%	70%	70%	55.6%	80%



Analysis (list strengths and recommendations)

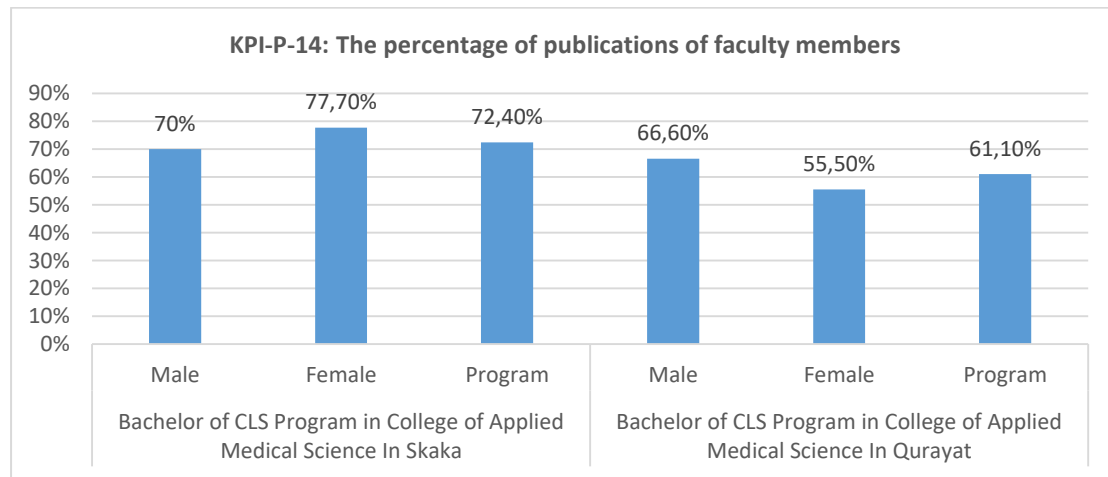
Analysis The average achievement of actual benchmark for the program in main campus is 61.1% this achievement is high than target(70%) and less than internal benchmark (80%) and higher than external benchmarks (55.6%). For the male the achievement is (66.6%) which is higher than female sections (55.5%). These achievements, in comparison with target(70%) were found to be satisfied for male and not for female. For male the achievement is less than internal and external benchmarks (90% and 68.4%). On the other hand female section achievement was found to be less than internal and external benchmark(70% and 25%).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-14 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
70%	77.7%	72.4%	66.6%	55.5%	61.1%

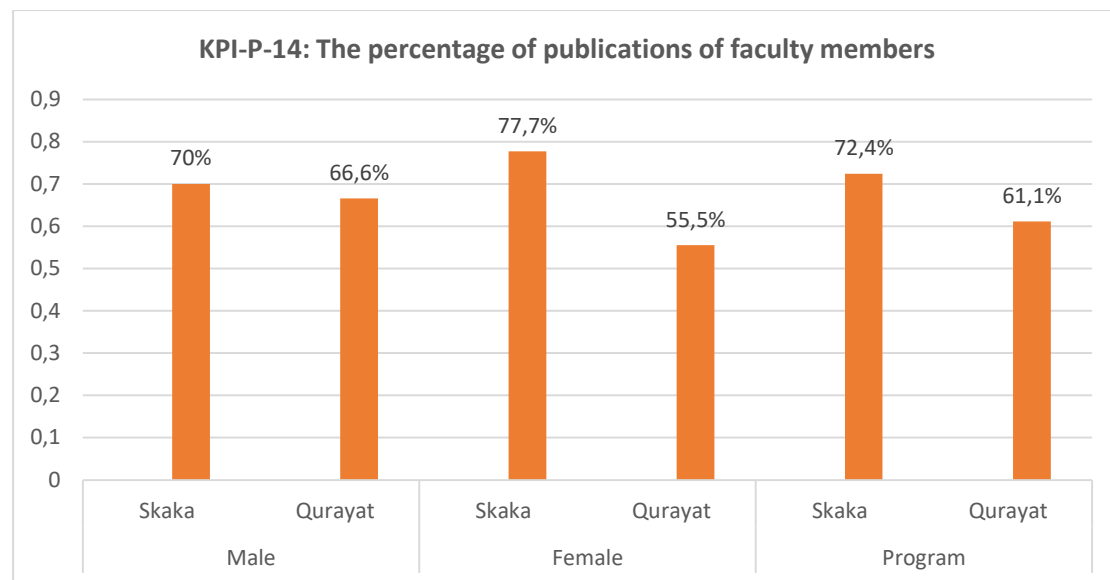


Analysis (list strengths and recommendations):

The actual benchmark for number of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in Sakaka is 78.5 % for (1440-1441) compared with 86% in Qurayat. The achieved actual benchmark in both branches is satisfied and this reflecting the commitment of the program to keep on going supporting of research and publications

**KPI- P-14 Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
70%	66.6%	77.7%	55.5%	72.4%	61.1%



Analysis (list strengths and recommendations):

The actual benchmark for number of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the males in Sakaka is 77 % for (1440-1441) compared to 90% in Qurayat. The achieved actual benchmark of females in both branches is satisfied and this reflecting the commitment of the program to keep on going supporting of research and publications



*** Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

Percentage of full-time faculty members who published at least one research during the year to total faculty members in the program.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Percentage of full-time faculty members who published at least one research during the year to total faculty members in the program.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAA KPI Reference Number: KPI-P-15

Program KPI Reference Number: KPI-P-15

KPI: Rate of published research per faculty member.

NCAA KPI Reference Number: KPI-P- 15: Rate of published research per faculty member.

Jouf University KPI Reference Number: KPI-P-15

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	3.7	2.29	3.04	2	2.5	3.44	2.5
Main Campus	4.30	3.90	4.20				
Qurayyat branch	3.10	0.67	1.88				

KPI Analysis of the rate of published research per faculty member in the Clinical Laboratory Sciences program.

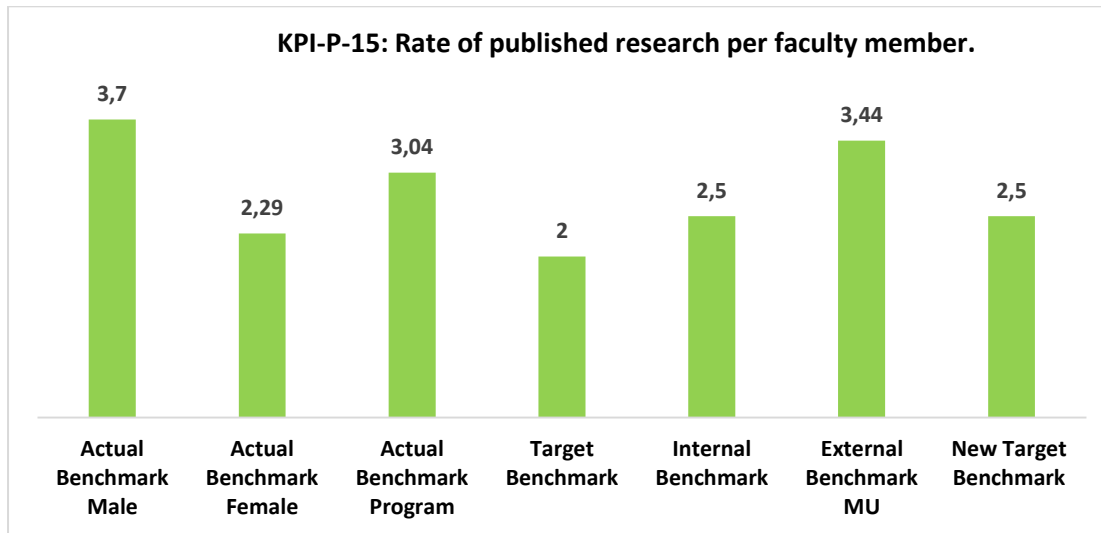
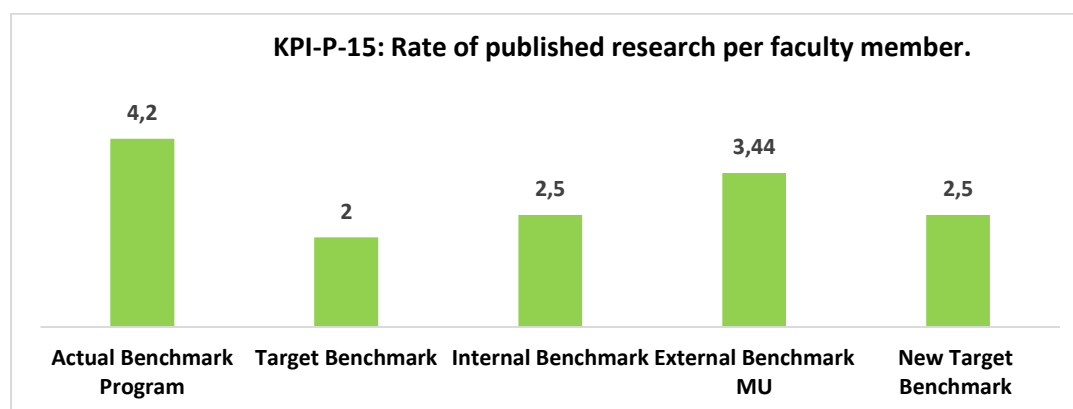


Figure 33: The rate of published research per faculty member in the Clinical Laboratory Sciences program at the University level.

Figure 33: The actual Benchmark for the rate of published research per faculty member in the **Clinical Laboratory Sciences** program at the University level is 3.04. The rate of published research per male faculty member in the **Clinical Laboratory Sciences** program in the University level (3.7) was considerably higher than the rate of published research per female faculty member in the program (2.29). The comparison of internal Benchmark of the last academic year was almost equal (2.5) to the actual benchmarks and higher than the target Benchmark of (2). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (3.44).

KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.2	2	2.5	3.44	3



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for rate of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in main campus is (4.2%) which is higher than target (2) this achievement was found to be not satisfied when compared with the internal bench mark(2.5) and higher than external benchmark (3.44).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

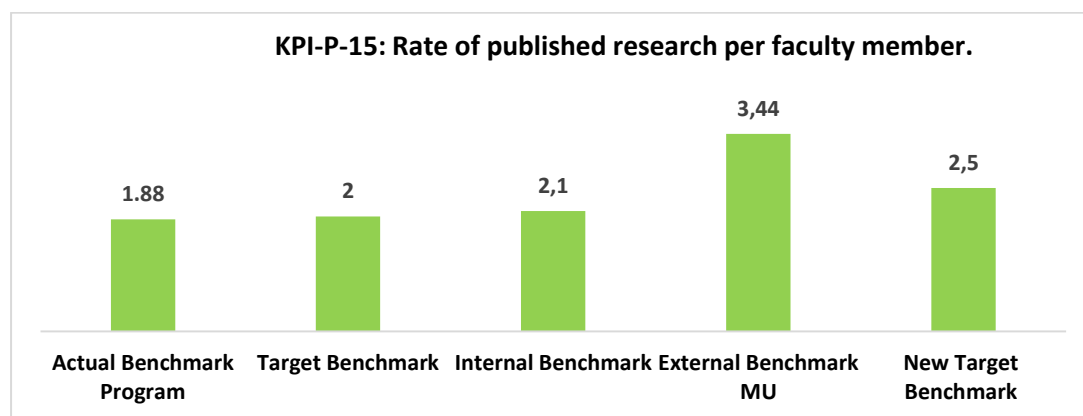
Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.7	2.7	4.3
Female	2.9	2.3	3.9
Program	3.3	2.5	4.2

KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.88	2	2.1	3.44	3:1



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for rate of publications per teaching staff calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in Qurayyat branch is (1.95) which is less than target (2) this achievement was found to be not satisfied when compared with the internal and external benchmark (2.1 and 3.44).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	2.8	2.8	3.1
Female	1	1.4	0.67
Program	1.9	2.1	1.88

KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka

Program

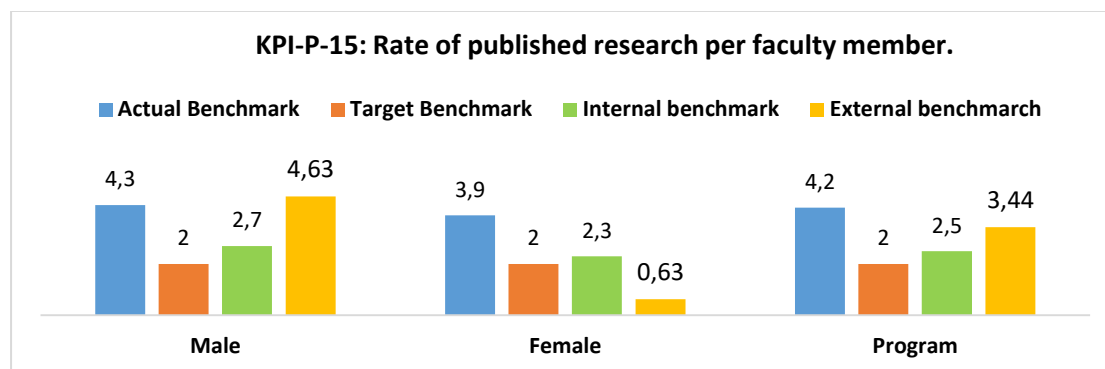
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.2	2	2.7	3.44	3

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.3	2	2.7	3.44	3

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.9	2	2.7	3.44	3



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 4.2:1 this achievement is high than target(2:1) , internal and external benchmarks (2.5 and 3.44). For the male the achievement is (4.3) which is higher than female sections (3.9:1). These achievements, in comparison with target(2:1) were found to be satisfied for male and female. For male the achievement is high than internal benchmark (2.7:1) and less than external benchmarks (4.63:1). On the other hand female section achievement was found to be higher than internal and external benchmark(2.3:1 and 0.63:1).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

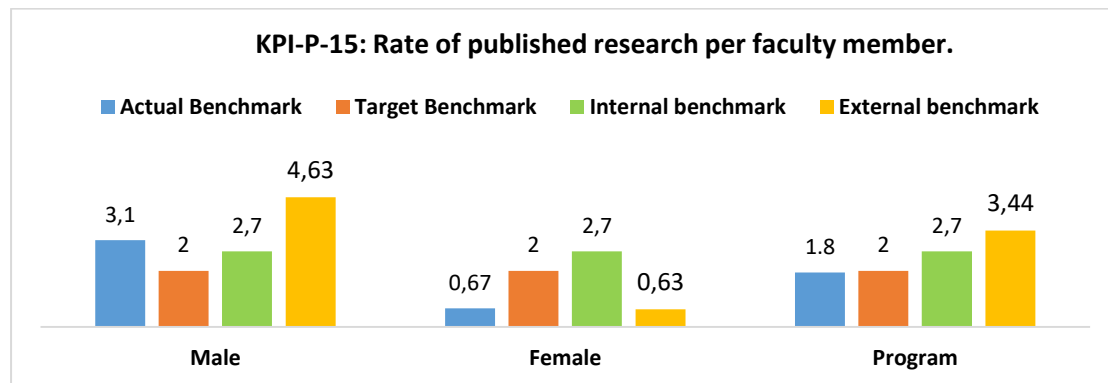
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.8	2:1	2.7:1	3.44	3:1

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.1	2:1	2.7:1	3.44	3:1

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
0.67	2:1	2.7:1	3.44	3:1



Analysis (list strengths and recommendations)

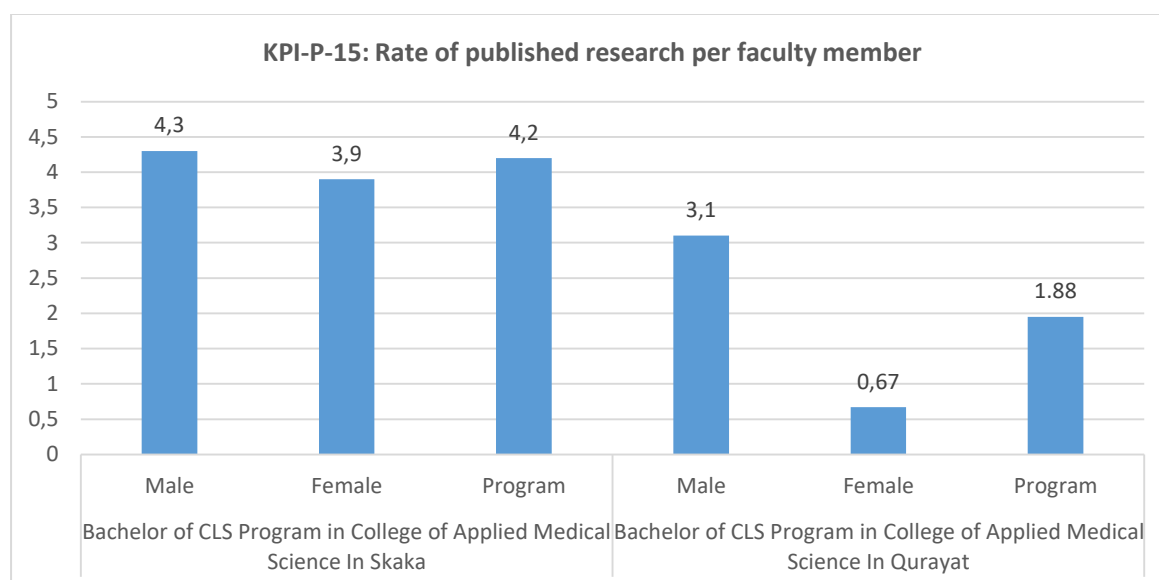
Analysis The average achievement of actual benchmark for the program in Qurayyat branch is 1.95:1 this achievement is less than target(2:1) , internal and external benchmarks (2.5 and 3.44). For the male the achievement is (3.1:1) which is higher than female sections (0.67:1). These achievements, in comparison with target(2:1) were found to be satisfied for male and not for female. For male the achievement is high than internal benchmark (2.7:1) and less than external benchmarks (4.63:1). On the other hand female section achievement was found to be less than internal and external benchmark(2.7:1 and 0.63:1).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
4.3	3.9	4.2	3.1	0.67	1.88

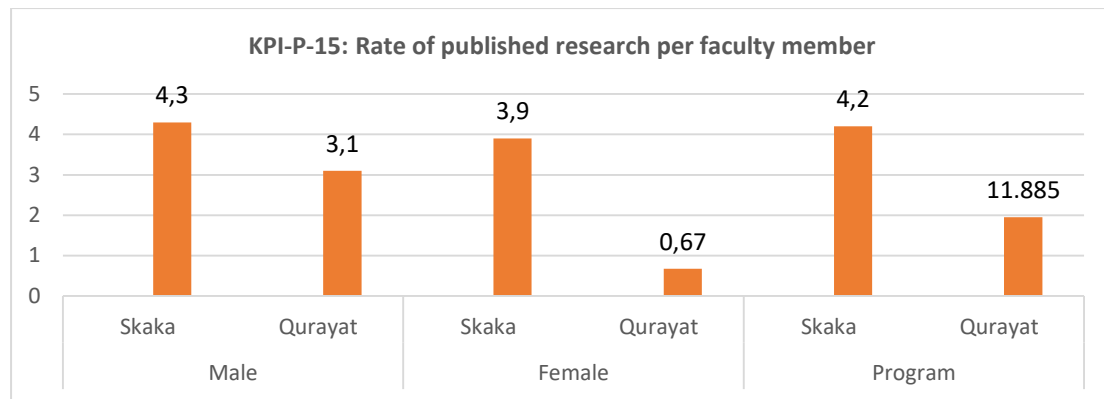


Analysis (list strengths and recommendations):

The actual benchmark for rate of published research per faculty member calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The actual Benchmark for the rate of published research per faculty member in the Clinical Laboratory Sciences program at the University level is 4.2. The rate of published research per male faculty member in the Clinical Laboratory Sciences program in the University level (4.3) was considerably higher than the rate of published research per female faculty member in the program (3.9). The comparison of internal Benchmark of the two academic years 1440-1441 H and 1440-1441 H was almost equal (2.7) to the actual benchmarks and higher than the target Benchmark of (2). The external benchmark was carried out and the comparisons showed the actual benchmark was not available.

**KPI- P-15 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
4.3	3.1	3.9	0.67	4.2	1.88



Analysis (list strengths and recommendations):

The actual benchmark for rate of published research per faculty member calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program more than the target benchmark. It recommended encouraging the staff to publish and decrease the academic load to facilitate the publication and research works

Strengths: The program indicator of rate of published research per faculty member was achieved in all scales of the University, main campus and the University branch of Qurayat except slightly low females of the University and the University branch of Qurayat.

Recommendations: Continue encouraging faculty members to increase the publications of research papers and scientific papers in refereed journals.



*** Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

The average number of refereed and/or published research per each faculty member during the year (total number of refereed and/or published research to the total number of full-time or equivalent faculty members during the year).

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

The average number of refereed and/or published research per each faculty member during the year (total number of refereed and/or published research to the total number of full-time or equivalent faculty members during the year).

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

NCAAA KPI Reference Number: KPI-P-16

Program KPI Reference Number: KPI-P-16

KPI: Citations rate in refereed journals per faculty member.

NCAAA KPI Reference Number: KPI-P- 16: Citations rate in refereed journals per faculty member.							
Jouf University KPI Reference Number: KPI-P-16							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	20.75	9.55	15.55	6.5	20.8	25.3	20
Main Campus	19	14.8	17.7				
Qurayyat branch	22.5	4.3	13.4				

KPI Analysis of the Citations rate in refereed journals per faculty member in the Clinical Laboratory Sciences program

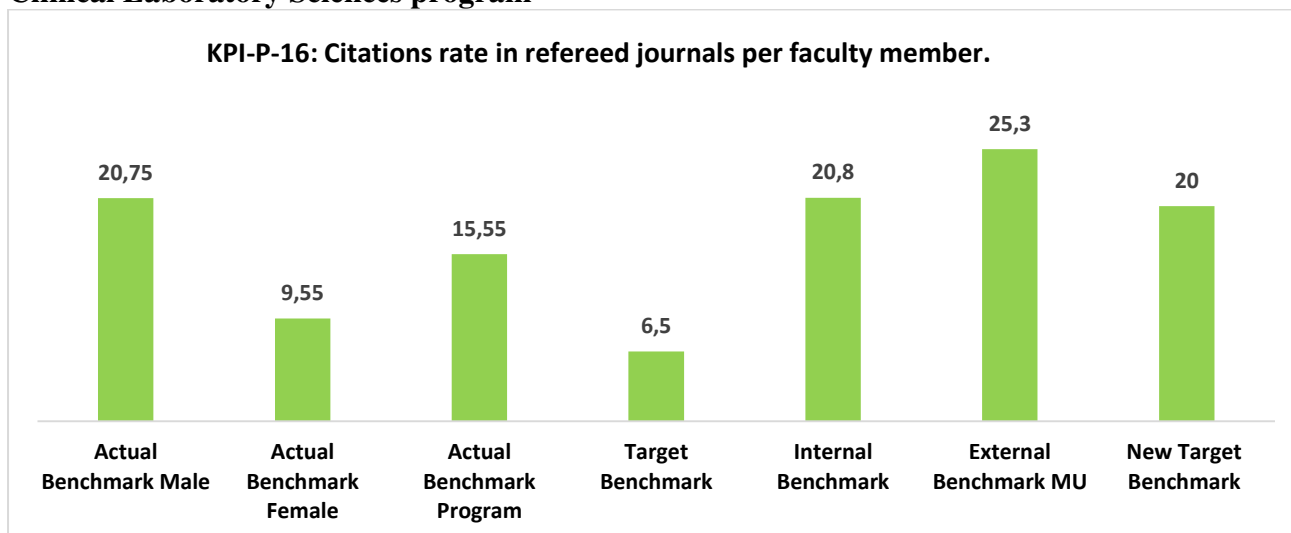
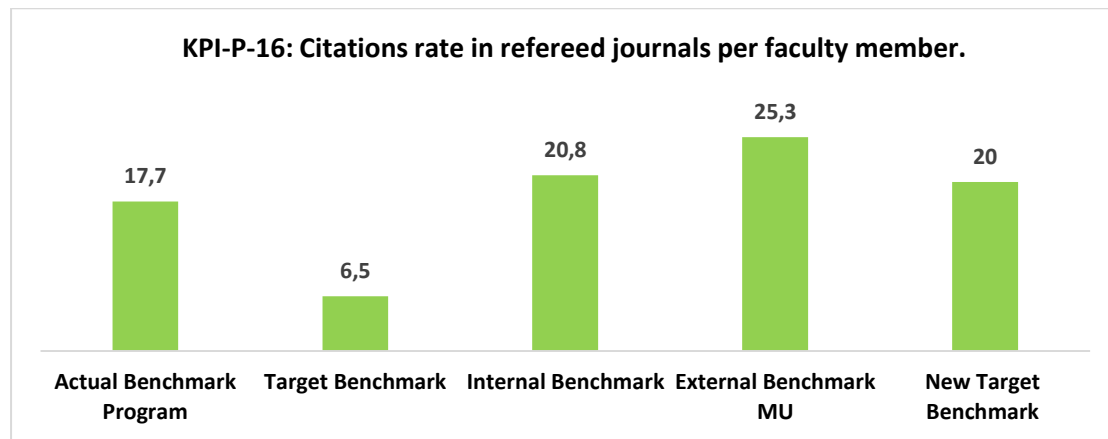


Figure 35: The Citations rate in refereed journals per faculty member in the Clinical Laboratory Sciences program at the University level.

Figure 35: The actual Benchmark for the citations rate in refereed journals per faculty member in the **Clinical Laboratory Sciences** program at the University level is 15.55. The citations rate in refereed journals per male faculty member in the **Clinical Laboratory Sciences** program in the University level (20.75) was higher than the citations rate in refereed journals per female faculty member in the program (9.55). The comparison of internal Benchmark of the last academic year was very higher (20.8) than the actual benchmarks and the target Benchmark of (6.5). The external benchmark was carried out and the comparisons showed the actual benchmark was very high to those of Majmaah University (25.3).

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
17.7	6.5	20.8	25.3	20



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for Citations rate in refereed journals per faculty member calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in main campus is (17.7) which is high than target (6.5) this achievement was found to be less than internal and external benchmark (20.8 and 25.3).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

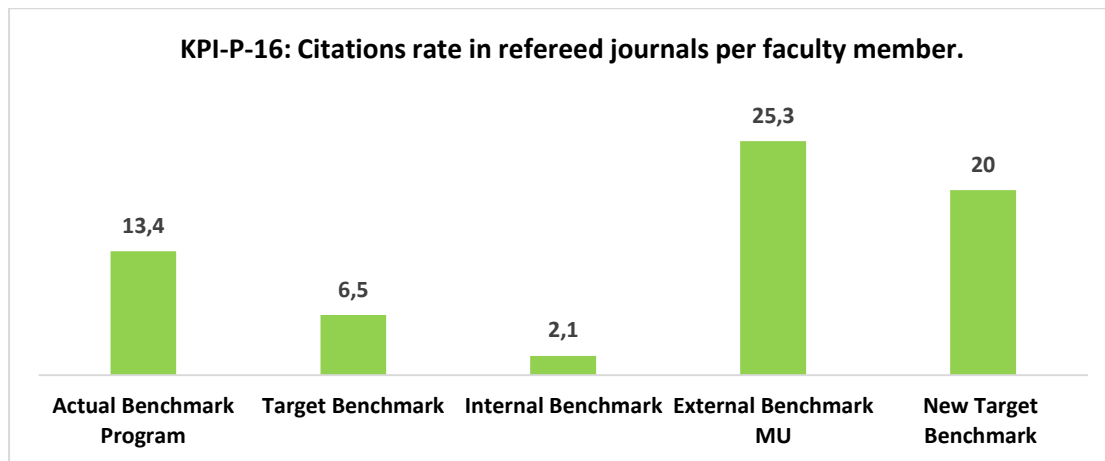
Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	20.7	25	19
Female	24.3	21	14.8
Program	22.5	23	17.7

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
13.4	6.5	2.1	25.3	20



Analysis (list strengths and recommendations):

Analysis: The actual benchmark for Citations rate in refereed journals per faculty member calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for the program in Qurayyat branch is (13.4) which is high than target (6.5) this achievement was found to be high than internal benchmark (2.1) and less than external benchmark (25.3).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	20	4	22.8
Female	2	1	4.3
Program	11	2.5	13.4

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Skaka

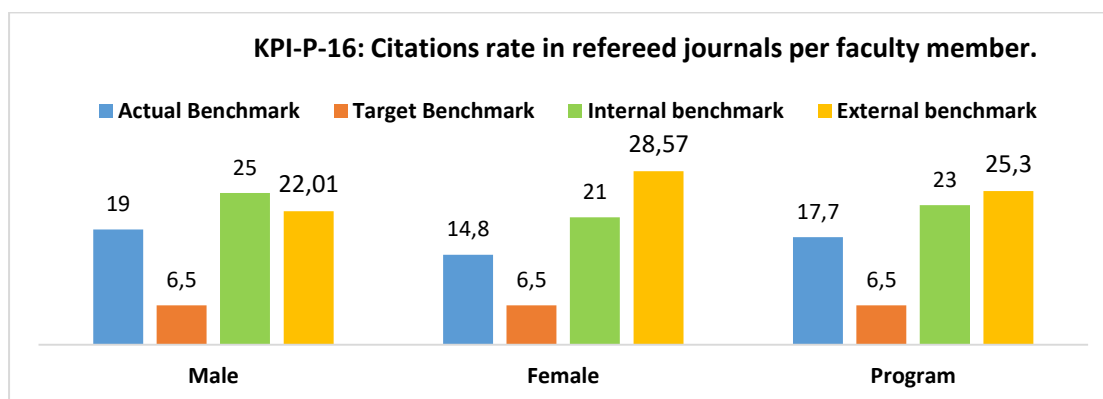
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
17.7	6.5	20.8	25.3	20

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
19	6.5	20.8	22.01	20

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
14.8	6.5	20.8	28.57	20



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 17.7 this achievement is higher than target(6.5) and less than internal and external benchmarks (20.8 and 25.3). For the male the achievement is (19) which is higher than female sections (14.8). These achievements, in comparison with target(6.5) were found to be satisfied for male and female. For male the achievement is less than internal and external benchmarks (20.8 and 22.01). On the other hand female section achievement was found to be less than internal and external benchmark(20.8 and 28.57).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat Program

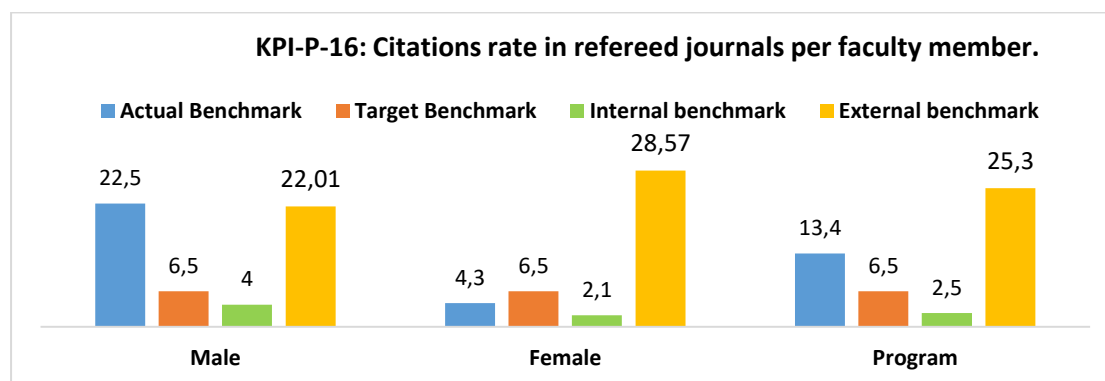
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
13.4	6.5	2.1	25.3	20

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
22.8	6.5	3.2	22.01	20

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.3	6.5	1	28.57	20



Analysis (list strengths and recommendations)

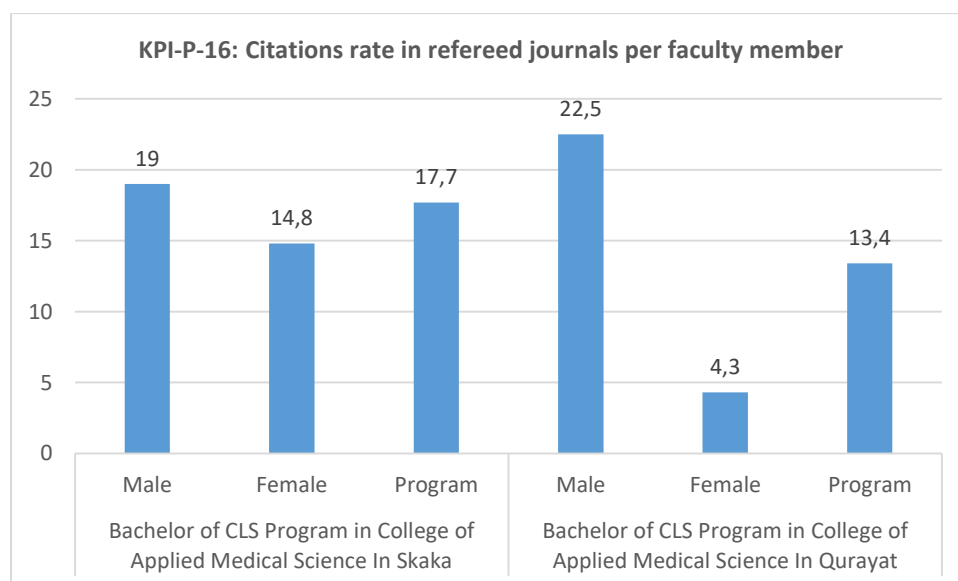
Analysis The average achievement of actual benchmark for the program in main campus is 13.4 this achievement is higher than target(6.5) and higher than internal benchmark (2.1) and less than external benchmarks (25.3). For the male the achievement is (22.8) which is higher than female sections (4.3). These achievements, in comparison with target(6.5) were found to be satisfied for male but not for female. For male the achievement is higher than internal benchmark(3.2) and less than external benchmarks (22.01). On the other hand female section achievement was higher than internal benchmark (1) and less than external benchmark (28.57).

Strength: the program has adequate number of teaching staff publication to satisfy the teaching process needs.

Recommendation: program must encouraging the staff to publish and decrease the academic load to facilitate the publication and research works.

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Sakaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
19	14.8	17.7	22.5	4.3	13.4



Analysis (list strengths and recommendations):

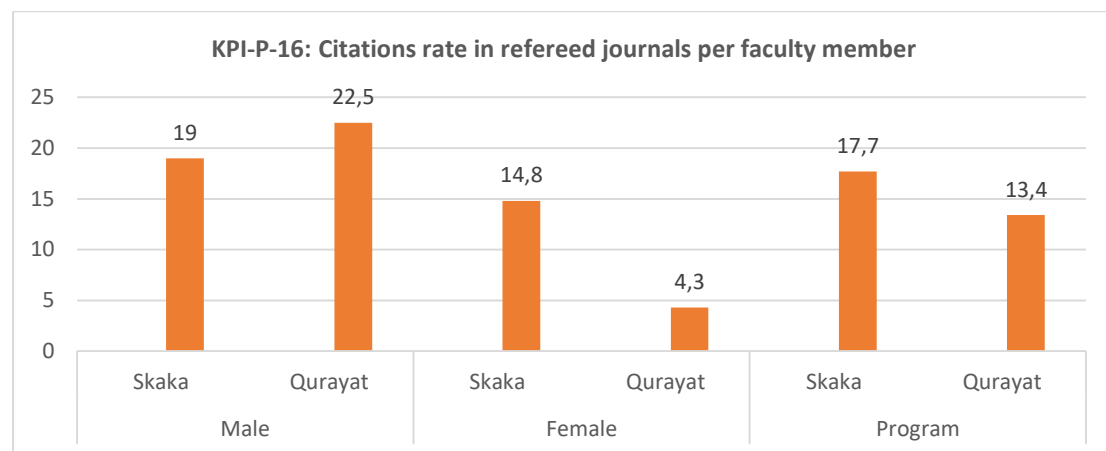
The actual benchmark shows that the Citations rate in refereed journals per faculty member in the Clinical Laboratory Sciences program at the University, main Campus and University Branch of Qurayat (17.7) and (13.4) respectively. As it clear that the Citations rate in refereed journals per faculty member in the Clinical Laboratory Sciences program in the main campus was considerably higher than the Citations rate in refereed journals per faculty member in the program in the University Branch of Qurayat and University.

There is difference between actual benchmarks of the female (13.4) and male (42) scales for the Citations rate in refereed journals per faculty member in the Clinical Laboratory Sciences program at the Main Campus was equal to the University. In the university Branch of Qurayat the Clinical Laboratory Sciences program for the Citations rate in refereed journals per faculty member was considerably higher in male scales than the Citations rate in refereed journals per faculty member in the program in main Campus.

KPI- P-16 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
19	22.5	14.8	4.3	17.7	13.4



Analysis (list strengths and recommendations):

The actual benchmark for number of citation per teaching staff was calculated from publications of teaching staff (Assistant Professors, Associate Professors and Professors). The average achievement of actual benchmark for Sakaka program has good prognosis. Qurayat has poor prognosis . It is recommended to encourage the staff to publish in ISI and Scopus journals and decrease the academic load to facilitate the publication and research works

Strengths: The program the indicator of the objectives of citations rate in refereed journals per faculty member for the Clinical Laboratory Sciences Program in the recent year achieved the target benchmark in main campus, in the University and in the University Branch of Qurayat.

Recommendations: It is recommended that the performance of research by faculty should be maintained and continued in the Program.



*** Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

The average number of citations in refereed journals from published research per faculty member in the program (total number of citations in refereed journals from published research for full-time or equivalent faculty members to the total research published).

-3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

The average number of citations in refereed journals from published research per faculty member in the program (total number of citations in refereed journals from published research for full-time or equivalent faculty members to the total research published).

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

Standard 6: Learning Resources, Facilities, and Equipment

NCAA KPI Reference Number: KPI-P-17

Program KPI Reference Number: KPI-P-17

KPI: Satisfaction of beneficiaries with the learning resources.

NCAA KPI Reference Number: KPI-P- 17: Satisfaction of beneficiaries with the learning resources.

Jouf University KPI Reference Number: KPI-P-17

Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	4.01	3.95	4.03	3.9	3.47	3.3	4
Main Campus	4.0	3.86	4.08				
Qurayyat branch	4.03	3.83	3.99				

KPI Analysis of the satisfaction of beneficiaries with the learning resources in the Clinical Laboratory Sciences program.

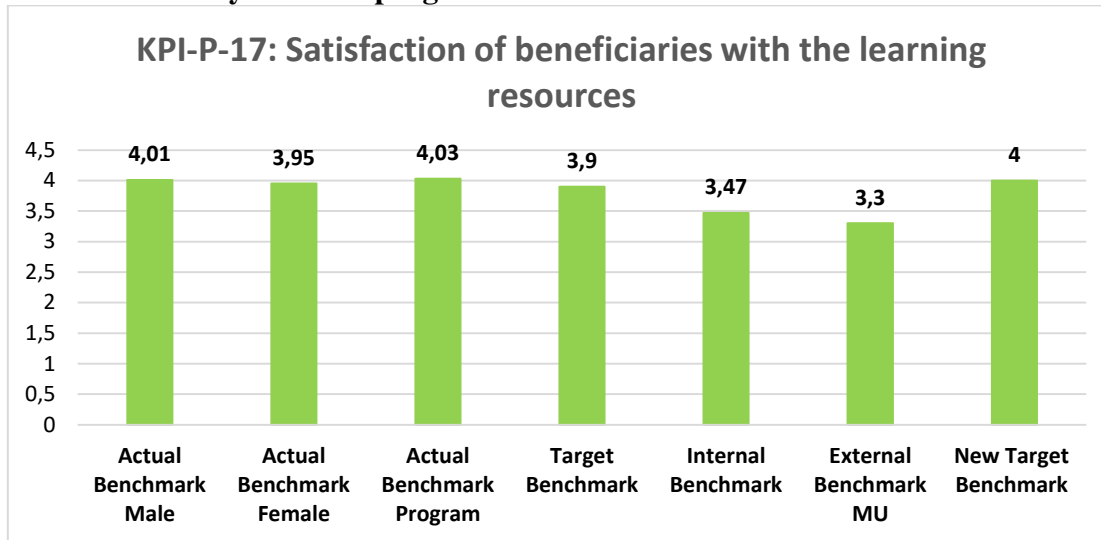
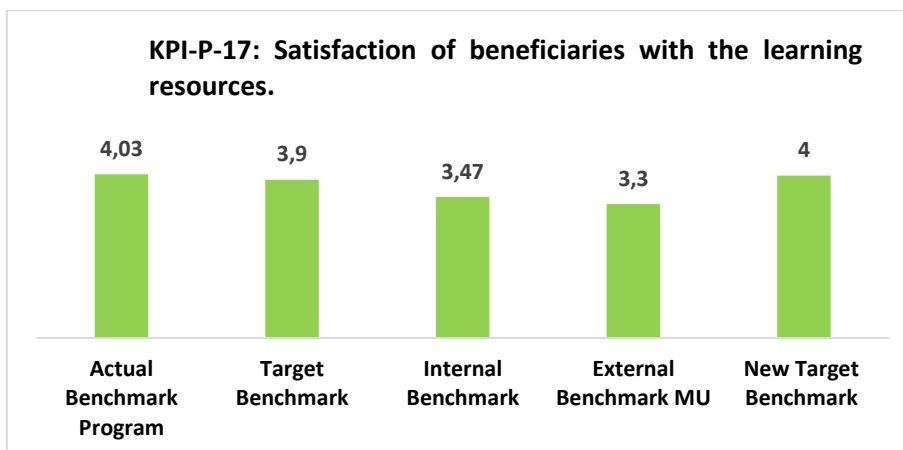


Figure 37: The satisfaction of beneficiaries with the learning resources in the Clinical Laboratory Sciences program at the University level.

Figure 37: The actual Benchmark for the satisfaction of beneficiaries with the learning resources in the **Clinical Laboratory Sciences** program at the University level is 4.03. The satisfaction of male beneficiaries with the learning resources in the **Clinical Laboratory Sciences** program in the University level (4.01) was considerably lower than the female satisfaction of beneficiaries with the learning resources in the program (3.95). The comparison of internal Benchmark of the last academic year was low (3.47) than the actual benchmarks and the target Benchmark of (3.9). The external benchmark was carried out and the comparisons showed the actual benchmark was low to those of Majmaah University (3.3).

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.08	3.9	3.47	3.3	4.0



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by using NCAAA questionnaire. The average achievement of actual benchmark for the program in main campus is 4.08 which is higher than target (3.9) this achievement was found to be satisfied when compared with the internal bench mark and external benchmark (3.47 and 3.3). The KPI's value show that the students were satisfied with learning resources

Strength: program adopted an action plan to ensure better satisfaction of beneficiaries with the learning resources. Increase number and variety of learning resources . ensures application of blackboard digital libraries in learning and encourage students to use last updated websites in relation to each material

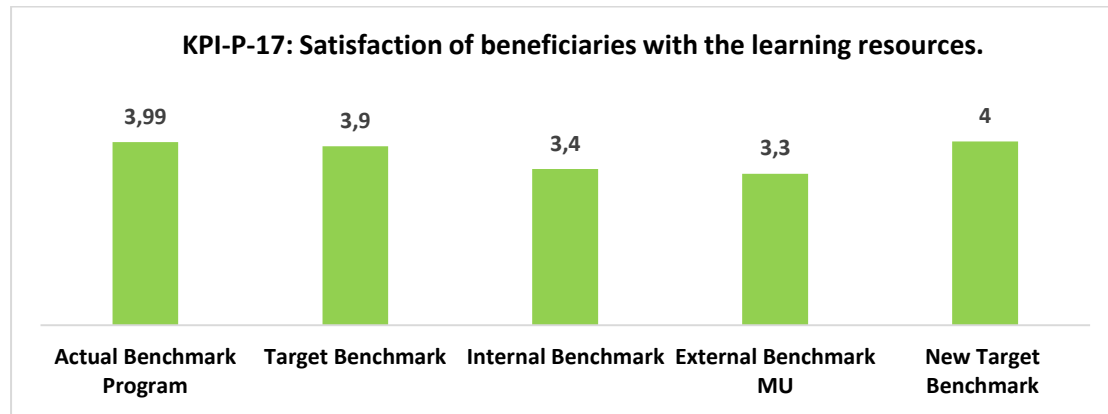
Recommendation: It is recommended that continuous evaluation of Satisfaction of beneficiaries with the learning resources. To ensure its achievement

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.98	4.15	4.0
Female	3.26	NA	3.86
Program	3.8	2.07	4.08

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.99	3.9	3.4	3.3	4.0



Analysis (list strengths and recommendations):

Analysis: Data for this indicator collected by using NCAAA questionnaire. The average achievement of actual benchmark for the program in main campus is 3.99 which is higher than target (3.9) this achievement was found to be satisfied when compared with the internal bench mark and external benchmark (3.4 and 3.3). The KPI's value show that the students were satisfied with learning resources

Strength: program adopted an action plan to ensure better satisfaction of beneficiaries with the learning resources. Increase number and variety of learning resources . ensures application of blackboard digital libraries in learning and encourage students to use last updated websites in relation to each material

Recommendation: It is recommended that continuous evaluation of Satisfaction of beneficiaries with the learning resources. To ensure its achievement

Internal benchmark comparison

Academic year	1439-1440	1440-1441	1441-1442
Male	3.6	3.7	4.03
Female	4.0	4.0	3.83
Program	3.2	3.4	3.99

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

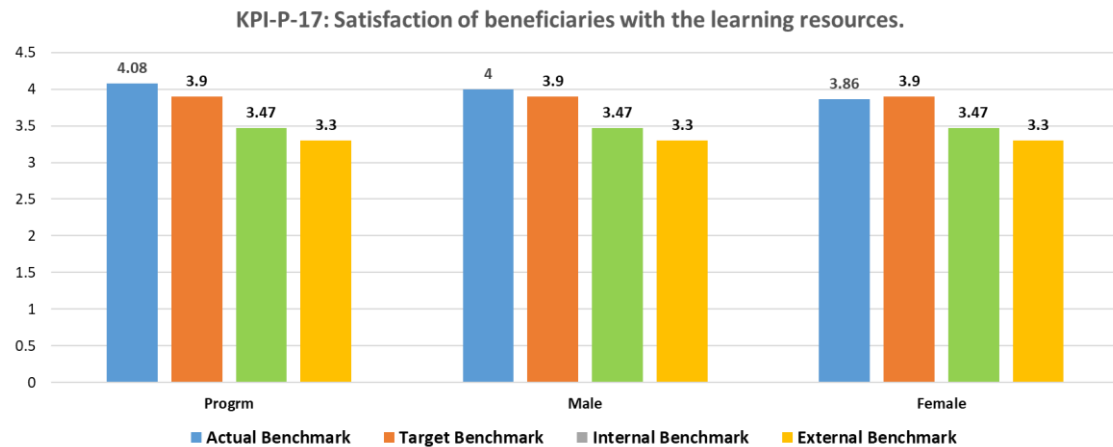
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.08	3.9	3.47	3.3	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.0	3.9	3.47	3.3	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.86	3.9	3.47	3.3	4.0



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 3.97 this achievement is higher than target(3.9) and higher than internal and external benchmarks (3.47 and 3.3). For the male the achievement is (4.01) which is higher than female sections (3.95). These achievements, in comparison with target(3.9) were found to be satisfied for male female sections. For male the achievement is higher than internal and external benchmarks (3.47 and 3.5). as well female section achievement was higher than internal and external benchmark.

Strength: program adopted an action plan to ensure better satisfaction of beneficiaries with the learning resources.

Recommendation: It is recommended that continuous evaluation of Satisfaction of beneficiaries with the learning resources.

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

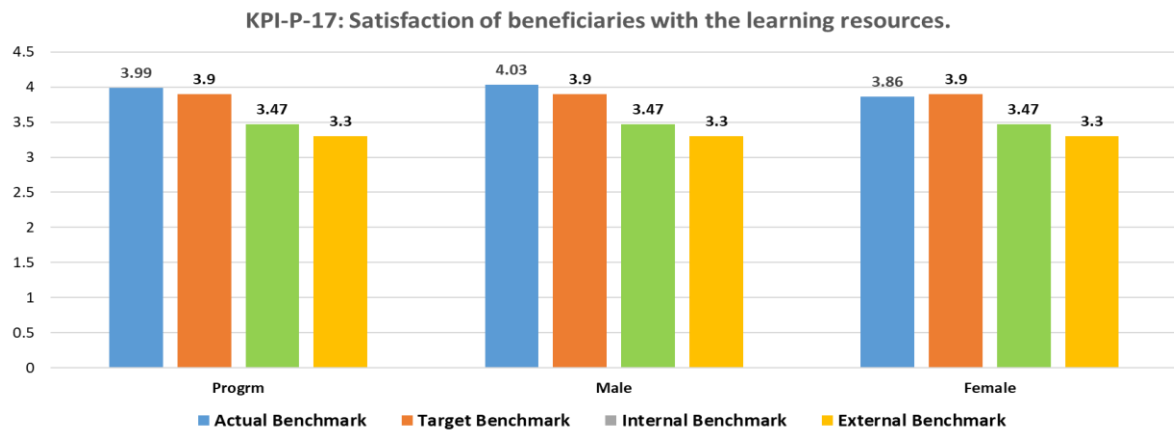
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.99	3.9	3.4	3.3	4.0

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
4.03	3.9	3.4	3.5	4.0

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.83	3.9	3.4	3.0	4.0



Analysis (list strengths and recommendations)

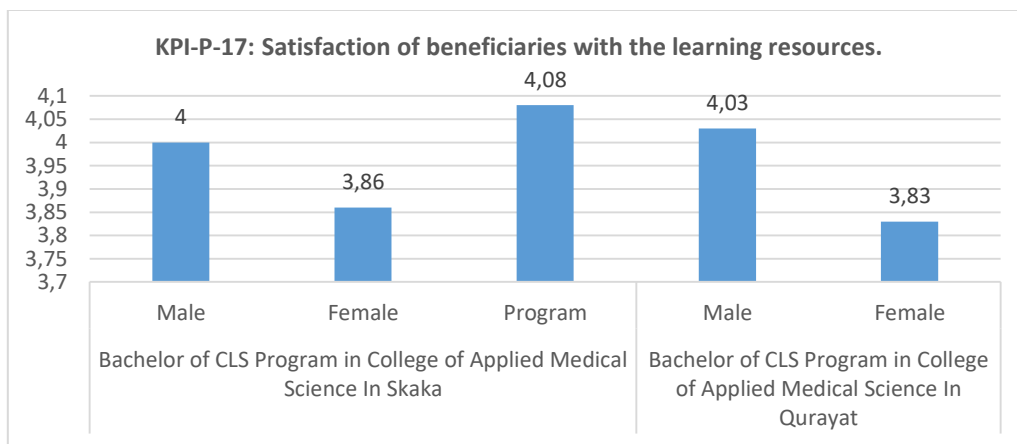
Analysis The average achievement of actual benchmark for the program in main campus is 3.99 this achievement is higher than target(3.9) and higher than internal and external benchmarks (2.1 and 3.3). For the male the achievement is (4.03) which is less than female sections (3.83). These achievements, in comparison with target(3.9) were found to be satisfied for male female sections. For male the achievement is higher than internal and external benchmarks (3.4 and 3.5). as well female section achievement was higher than internal and external benchmark.

Strength: program adopted an action plan to ensure better satisfaction of beneficiaries with the learning resources.

Recommendation: It is recommended that continuous evaluation of Satisfaction of beneficiaries with the learning resources.

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
4.0	3.86	4.08	4.03	3.83	3.99



Analysis (list strengths and recommendations):

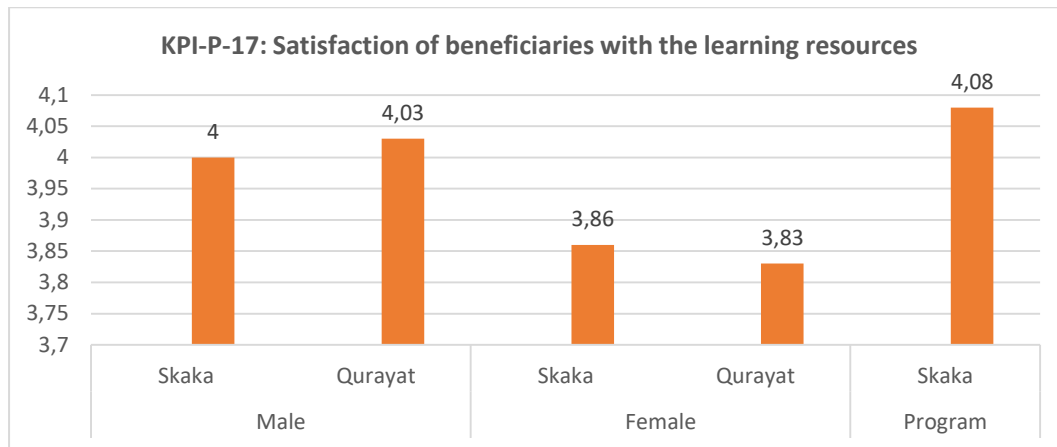
The actual benchmark shows that the satisfaction of beneficiaries with the learning resources in the **Clinical Laboratory Sciences** program at the main Campus and University Branch of Qurayat (4.03) and (3.99) respectively. The satisfaction of beneficiaries with the learning resources in the **Clinical Laboratory Sciences** program in the main campus considerably lower than the satisfaction of beneficiaries with the learning resources in the program in the University Branch of Qurayat and University except male where it was high in the Main campus.

There is difference between actual benchmarks of the female (3.86) and male (3.83) scales for the satisfaction of beneficiaries with the learning resources in the **Clinical Laboratory Sciences** program at the Main Campus was lower than University except males. In the university Branch of Qurayat the **Clinical Laboratory Sciences** program for the satisfaction of beneficiaries with the learning resources was considerably higher than the satisfaction of beneficiaries with the learning resources in the program main Campus except males.

KPI- P-17 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
4.0	4.03	3.86	3.83	4.08	3.99



Analysis (list strengths and recommendations):

Sakaka program did not achieved the target benchmarks, need more working to get the optimal achievement for satisfaction of beneficiaries with the learning resources.. But Qurayat shows decrease in the satisfaction of beneficiaries with the learning resources.

Recommendation: -

- Program should adopt the action plans to ensure better satisfaction of beneficiaries with the learning resources.

Increase number and variety of learning resources.

-ensures application of blackboard digital libraries in learning

- Encourage students to use las updated websites in relation to each material

It is recommended that continuous evaluation of Satisfaction of beneficiaries with the learning resources. To ensure its achievement.



*** Explain:**

1. Why this internal benchmark provider was chosen?

2. How was the benchmark calculated?

Average of beneficiaries' satisfaction rate with the adequacy and diversity of learning resources (references, journals, databases... etc.) on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

**** Explain:**

1. Why this external provider was chosen?

The justification of using the external benchmark **Clinical Laboratory Sciences** program in Majmaah University is as follows -

- Majmaah University was chosen because it was recently being accredited by the NCAAA, in addition to its collaboration agreement with the Jouf University to provide the required data for the NCAAA KPIs.
- Majmaah University similar to Jouf University in governance, infrastructure and budgetary systems.
- The **Clinical Laboratory Sciences** program at MU is similar to the program offered by Jouf University and serve a similar demographic.

2. How was the benchmark calculated?

Average of beneficiaries' satisfaction rate with the adequacy and diversity of learning resources (references, journals, databases... etc.) on a five-point scale in an annual survey.

3. Name of the external provider.

The KPI is provided by the **Clinical Laboratory Sciences** program at Majmaah University.

Program KPI Reference Number: KPI-P-18

KPI: The percentage of interns who completed the clinical placements within the minimum required time.

Jouf University KPI Reference Number: KPI-P-18							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	79%	86%	83%	75%	80%	NA	85%
Main Campus	83%	83%	83%				
Qurayyat branch	75%	88%	82%				

KPI Analysis of The percentage of interns who completed the clinical placements within the minimum required time in the Clinical Laboratory Sciences program.

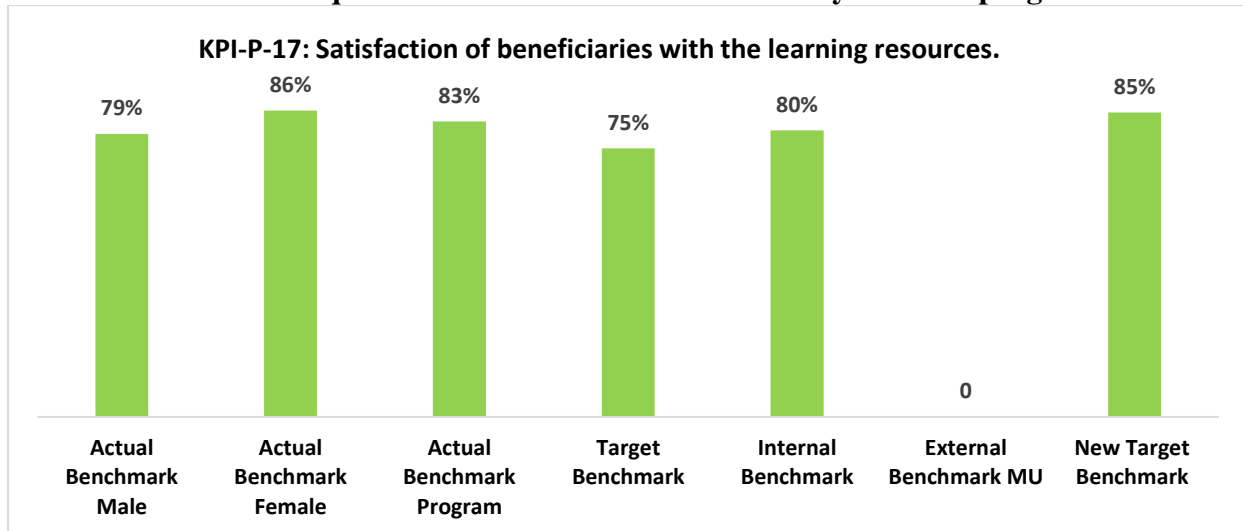


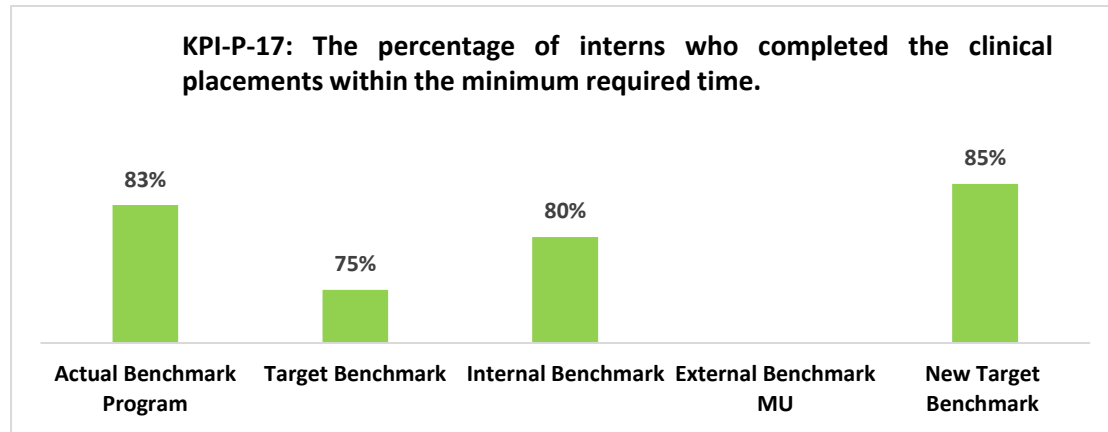
Figure 39: The percentage of interns who completed the clinical placements within the minimum required time.

Figure 39: The actual Benchmark for the percentage of interns who completed the clinical placements within the minimum required time in the **Clinical Laboratory Sciences** program at the University level is 83. The male percentage achievement in the University level (79%) was considerably lower than the female achievement (86%). The comparison of internal Benchmark (80%) of the last academic year was higher than the actual benchmarks and the target Benchmark of (3.9). The external benchmark was not available.

Program

KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
83%	75%	80%	NA	85%



Analysis (list strengths and recommendations):

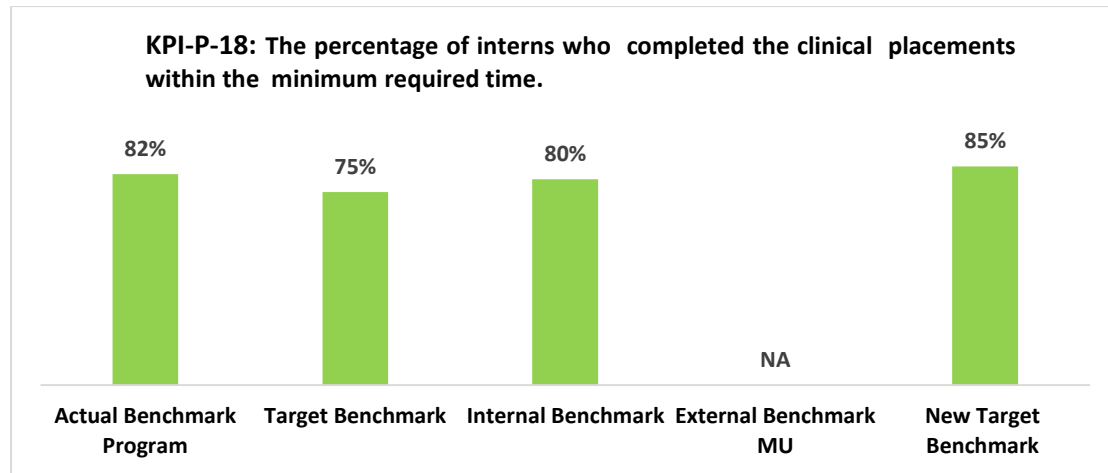
Analysis: Data for this indicator provided by the graduate and alumni Unit. The average achievement of actual benchmark for the program in main campus is 83 which is higher than target (75) this achievement was found to be satisfied when compared with the internal benchmark (80%). There no available data for external bench mark. The KPI's value show that there is no complication or problem facing the graduate to complete their internship in specified time

Strength: program adopted an action plan with collaboration with the health facilities to ensure better execution of the internship activities.

Recommendation: program administration must sustain and promote continuous cooperation and collaboration with health facilities.

KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
82%	75%	80%	NA	90%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by the graduate and alumni Unit. The average achievement of actual benchmark for the program in main campus is 82 which is higher than target (75) this achievement was found to be satisfied when compared with the internal benchmark (80%). There no available data for external bench mark. The KPI's value show that there is no complication or problem facing the graduate to complete their internship in specified time

Strength: program adopted an action plan with collaboration with the health facilities to ensure better execution of the internship activities.

Recommendation: program administration must sustain and promote continuous cooperation and collaboration with health facilities.

KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

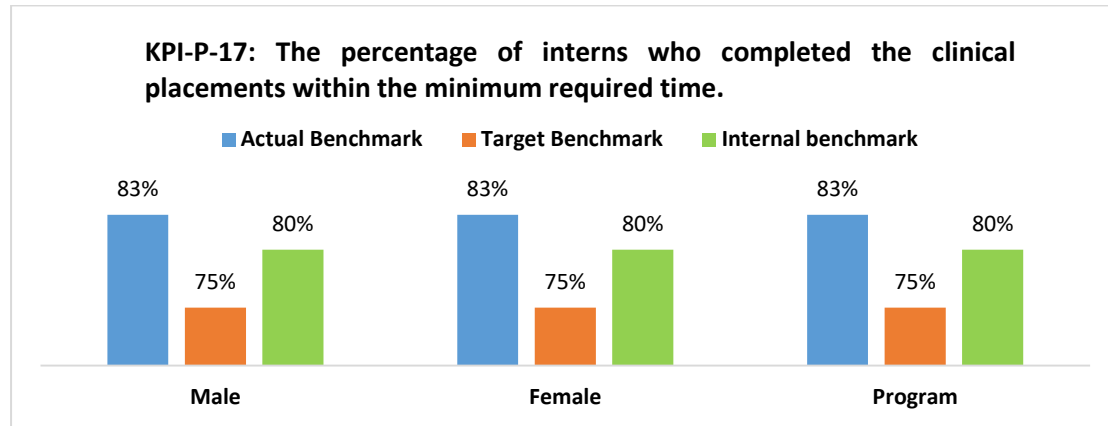
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
83%	75%	80%		85%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
83%	75%	80%		85%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
83%	75%	80%		85%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 83% this achievement is higher than target and internal benchmarks (75% and 80%). For the male the achievement is (83%) which is same as than female sections (83%). These achievements, in comparison with target(75%) were found to be satisfied for male female sections.

Strength: program adopted an action plan with collaboration with the health facilities to ensure better execution of the internship activities.

Recommendation: program administration must sustain and promote continuous cooperation and collaboration with health facilities.

KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

Program

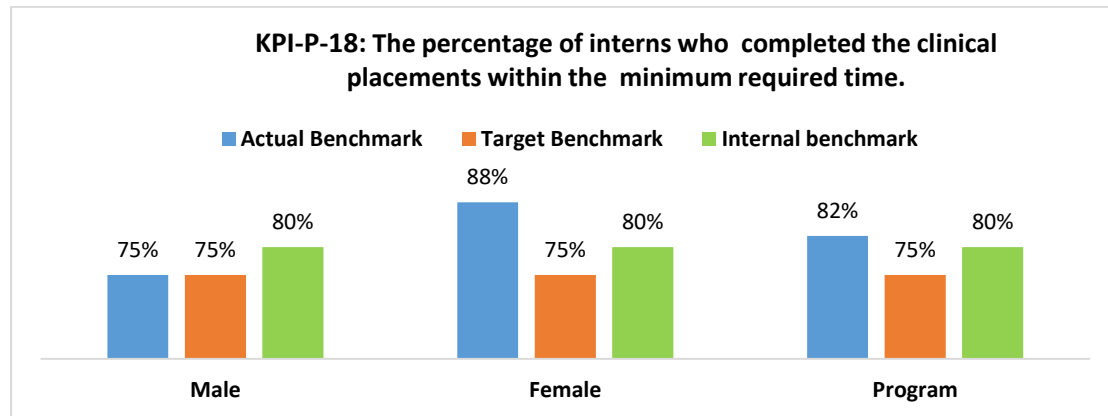
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
82%	75%	80%		90%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
75%	75%	80%		90%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
88%	75%	80%		90%



Analysis (list strengths and recommendations)

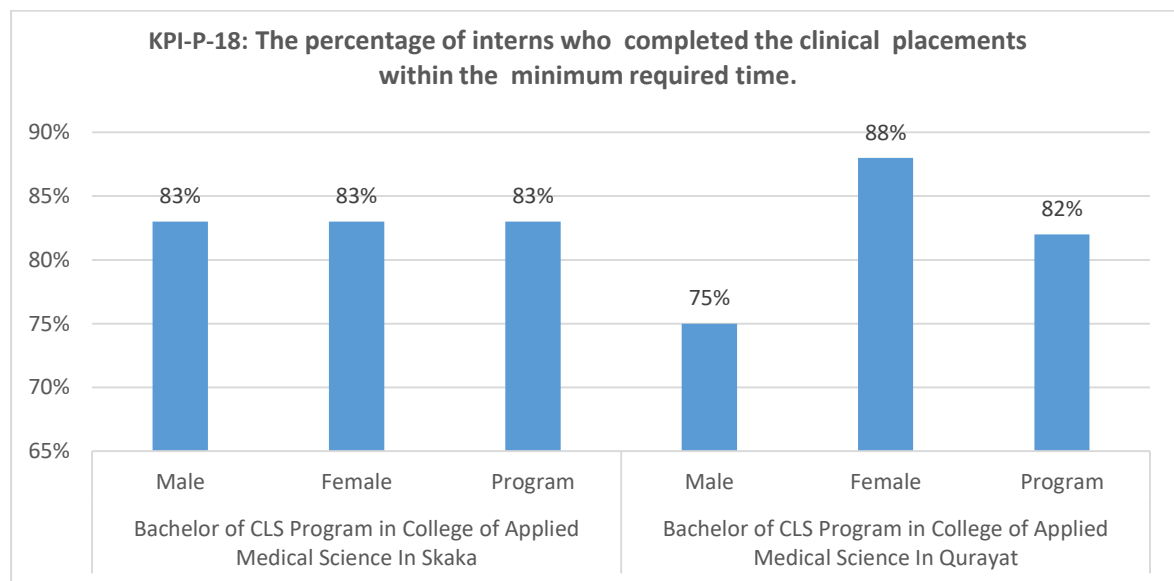
Analysis The average achievement of actual benchmark for the program in main campus is 82% this achievement is higher than target and internal benchmarks (75% and 80%). For the male the achievement is (75%) which is less than female sections (88%). These achievements, in comparison with target(75%) were found to be satisfied for male female sections.

Strength: program adopted an action plan with collaboration with the health facilities to ensure better execution of the internship activities.

Recommendation: program administration must sustain and promote continuous cooperation and collaboration with health facilities.

KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
83%	83%	83%	75%	88%	90%



Analysis (list strengths and recommendations):

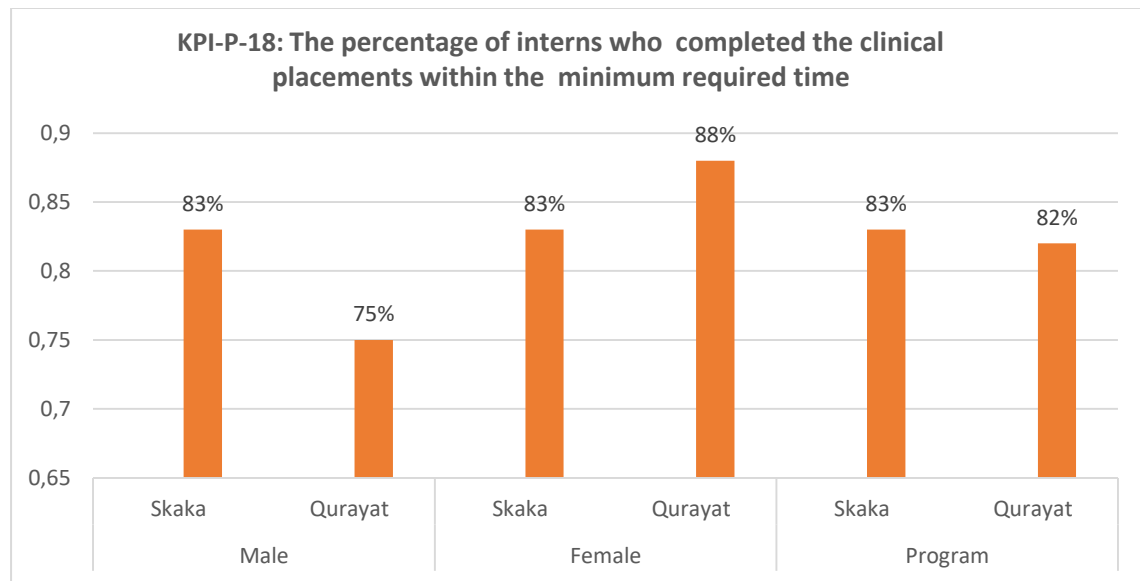
The actual benchmark shows that The percentage of interns who completed the clinical placements within the minimum required time in the Clinical Laboratory Sciences program in the main campus is (83%) compared to (82%) in Qurayat branch . There is no difference between actual benchmarks of the female (83%) and male (83%) at the Main Campus compared to 88%) and (75%) **for Qurayat.**

Strengths: The students were complete their clinical placement with percentage more than target

Recommendations: work hard on follow up and solve the problems that facing the students during the clinical placement period

**KPI- P-18 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Skaka	Qurayat	Skaka	Qurayat	Skaka	Qurayat
83%	75%	83%	88%	83%	82%



Analysis (list strengths and recommendations):

The actual benchmark shows that the percentage of interns who completed the clinical placements within the minimum required time in the Clinical Laboratory Sciences program in the main campus is (83%) compared to (82%) in Qurayat branch. The percentage of interns who completed the clinical placements within the minimum required time in the Clinical Laboratory Sciences program are nearly achieved by the both program branches.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

No of interns who completed the clinical placements within the minimum required time per year divided by No of interns who started the clinical placements / year

3. Name of the internal benchmark provider.

Bachelor of Clinical Laboratory Sciences Program

**** Explain:**

1. Why this external provider was chosen?

The external benchmark for the year 1442H for this KPI was not available.

2. How was the benchmark calculated?

NA

3. Name of the external provider.

NA

Program KPI Reference Number: KPI-P-19

KPI: Percentage of students who participate in community service campaigns.

Jouf University KPI Reference Number: KPI-P-19							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	9.3%	14.5%	11.9%	20%	NA	NA	20%
Main Campus	6.50%	3.90%	5.20%				
Qurayyat branch	12%	25%	19%				

KPI Analysis of The percentage of students who participate in community service campaigns in the Clinical Laboratory Sciences program.

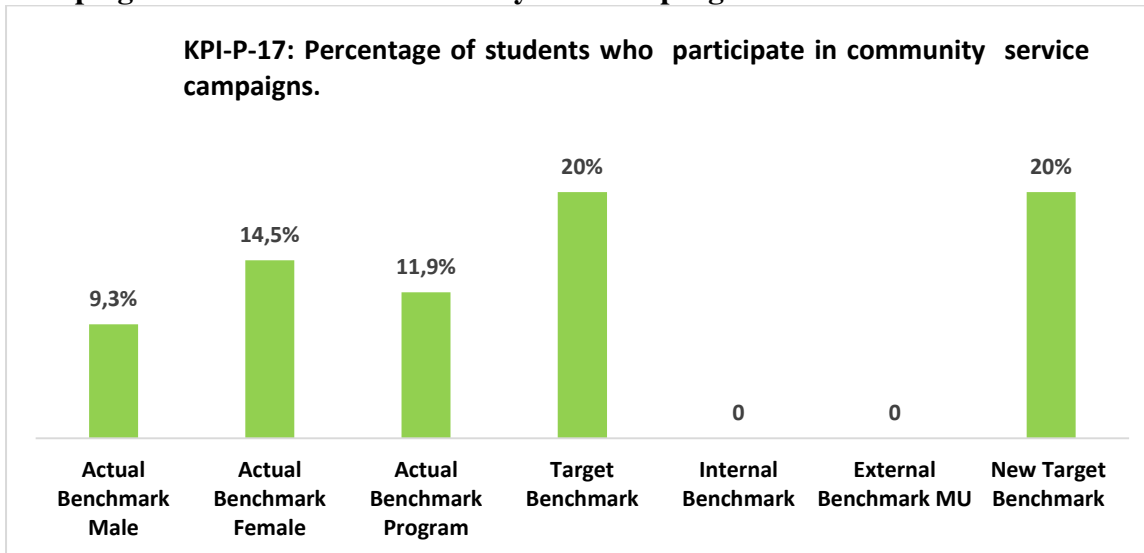


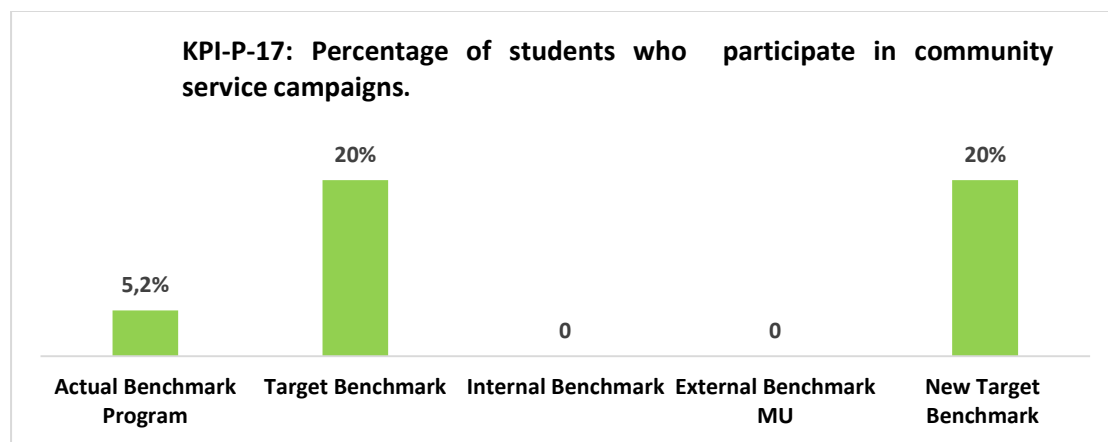
Figure 39: The percentage of students who participate in community service campaigns.

Figure 39: The actual Benchmark for the percentage of students who participate in community services campaigns in the **Clinical Laboratory Sciences** program at the University level is 11.9. The male percentage achievement in the University level (9.3%) was considerably lower than the female achievement (14.5%). The comparison of internal Benchmark (0%) of the last academic year was higher than the actual benchmarks and the target Benchmark of (20%). The external benchmark was not available.

Program

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5.2%	20%	NA	NA	20%



Analysis (list strengths and recommendations):

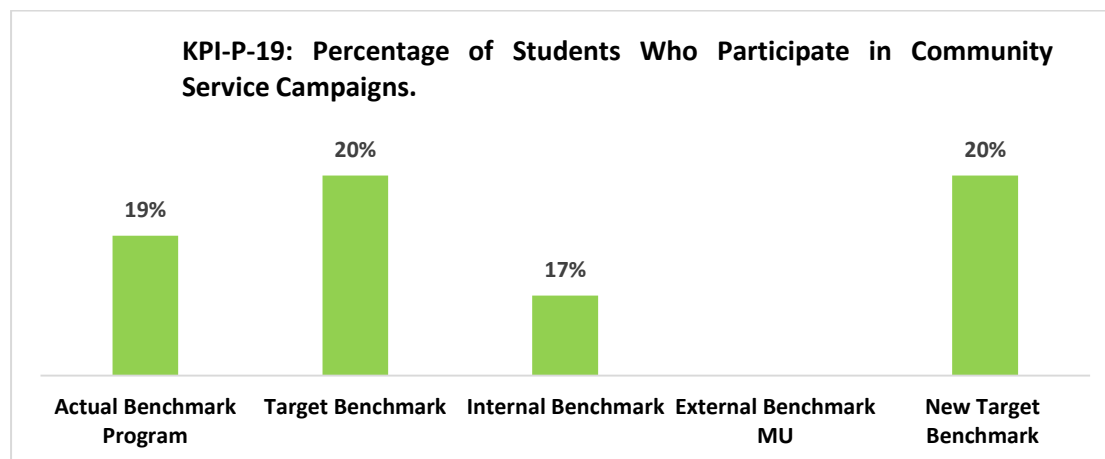
Analysis: Data for this indicator provided by the community services committee. The average achievement of actual benchmark for the program in main campus is 5.2 which is less than target (20%) this achievement was found to be not satisfied. No available data for internal benchmark. The KPI's value show that the participation of student in community services campaigns is not satisfied

Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
19%	20%	17%		20%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by the community services committee. The average achievement of actual benchmark for the program in main campus is 19% which is less than target (20%) this achievement was found to some extent satisfied. No available data for internal and external benchmark. The KPI's value show that the participation of student in community services campaigns is not satisfied

Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

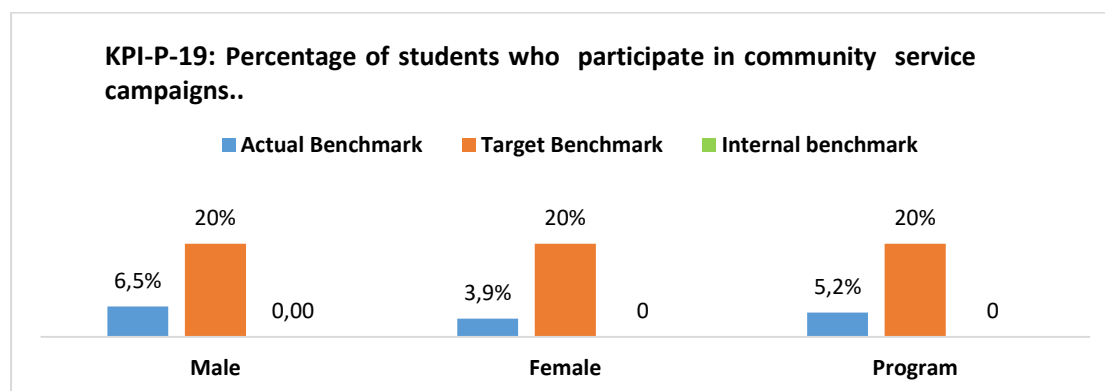
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
5.2%	20%	NA		20%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
6.5%	20%	NA		20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.9%	20%	NA		20%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 5.2% this achievement is less than target (20%). For the male the achievement is (6.5%) which is higher than female sections (3.9%). These achievements, in comparison with target(20%) were found to be not satisfied for male female sections. No available data for internal and external benchmark.

Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

Program

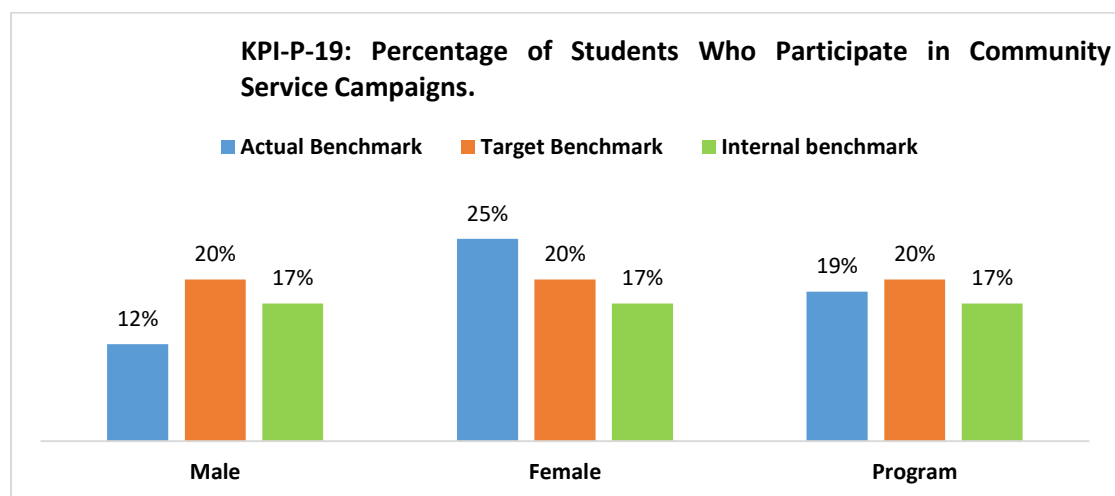
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
19%	20	17%		20%

(Male Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
12%	20	17%		20%

(Female Section)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
25%	20	17%		20%



Analysis (list strengths and recommendations)

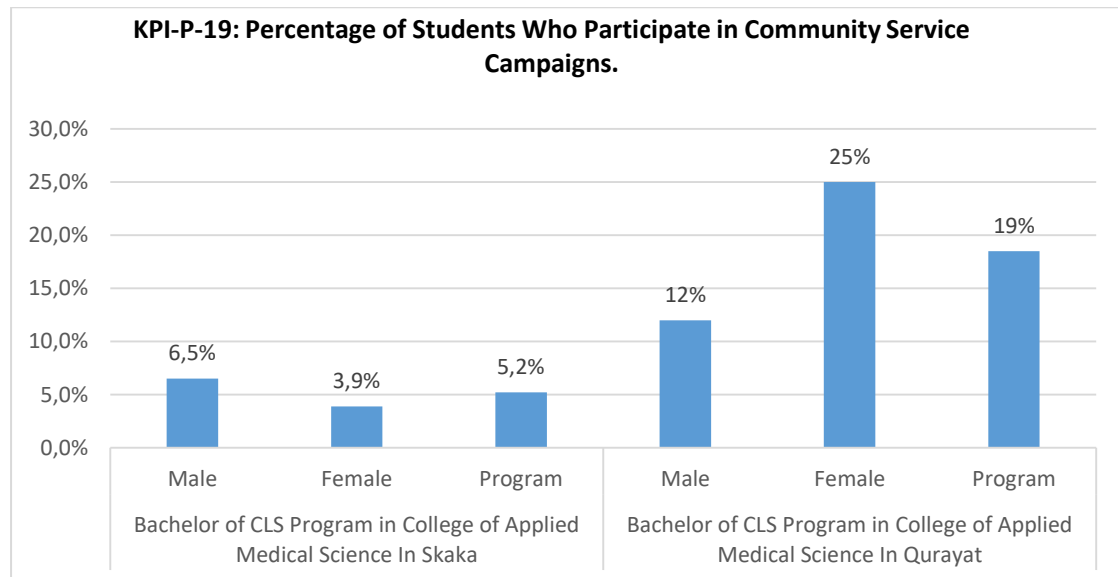
Analysis The average achievement of actual benchmark for the program in main campus is 19% this achievement is less than target (20%). For the male the achievement is (12%) which is less than female sections (25%). These achievements, in comparison with target (20%) were found to be not satisfied for male and some extent for female sections. No available data for internal and external benchmark.

Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
6.5%	3.9%	5.2%	12%	25%	19%



Analysis (list strengths and recommendations):

Analysis: The actual benchmark shows that percentage of students who participate in community service campaigns in the Clinical Laboratory Sciences program in the main campus is (6.5%) compared to (9.5%) in Qurayat branch this achievements reflect that the students participation in community services and campaigns is better in Qurayyat branc . in the main campus the male the achievement is higher than for female (83%) and male (83%) at the Main Campus in comparison with **Qurayyat** branch the male participation is less than female (12% vs 25%)

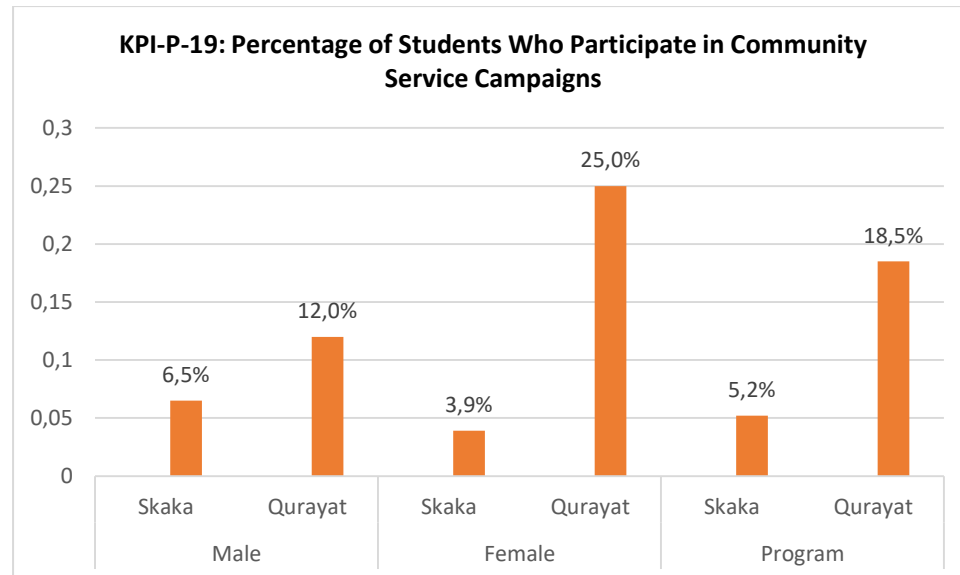
Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.

KPI- P-19 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Program, male, female

Male		Female		Program	
Skaka	Qurayat	Skaka	Qurayat	Skaka	Qurayat
6.5%	7%	3.9%	12%	5.2%	9.5%



Analysis (list strengths and recommendations):

Analysis: The actual benchmark shows that percentage of students who participate in community service campaigns in the Clinical Laboratory Sciences program in the main campus is (6.5%) compared to (9.5%) in Qurayat branch this achievements reflect that the students participation in community services and campaigns is better in Qurayyat branch for male the achievement is Quaryyat higher than for main campus (12% vs 6.5) at the same time the female achievement in Qurayyat branch higher than main campus (25% vs 3.9%)

Strength: program adopted an action plan for community services.

Recommendation: program administration must encourage the students to participate in community services.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Number of Students Who Participate in Community Service Campaigns divided by Total number of students enrolled in the program multiplied by 100

3. Name of the internal benchmark provider.

Bachelor of Clinical Laboratory Sciences Program

**** Explain:**

1. Why this external provider was chosen?

The external benchmark for this KPI in the year 1442H was not available.

2. How was the benchmark calculated?

NA

3. Name of the external provider.

NA

Program KPI Reference Number: KPI-P-20

KPI: No of annual research grants received by the program's faculty members

Jouf University KPI Reference Number: KPI-P-20							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	6	4	5	5	NA	NA	5
Main Campus	9	6	7.5				
Qurayyat branch	2	1	1.5				

KPI Analysis of No of annual research grants received by the program's faculty members in the Clinical Laboratory Sciences program.

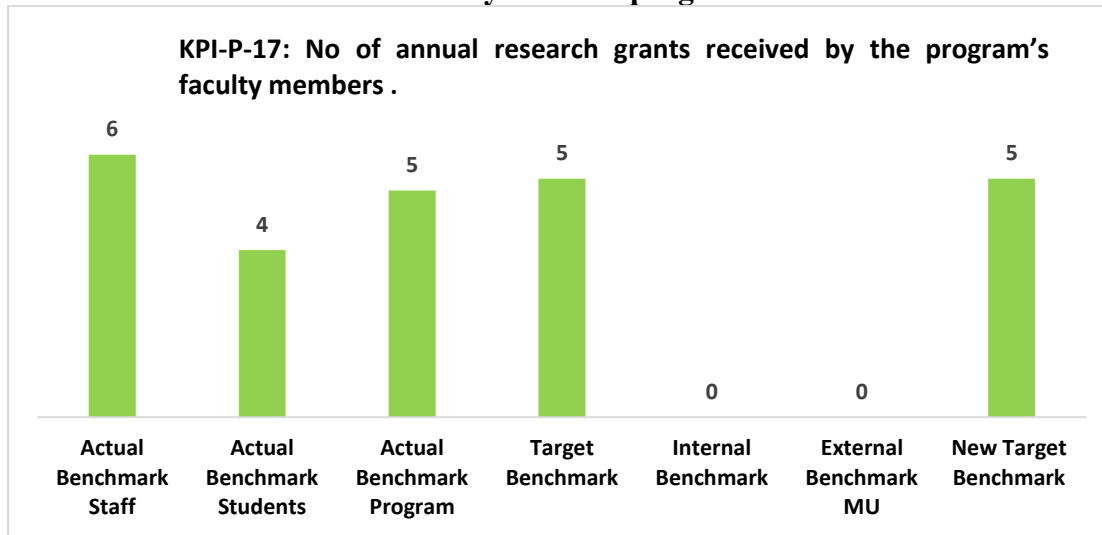


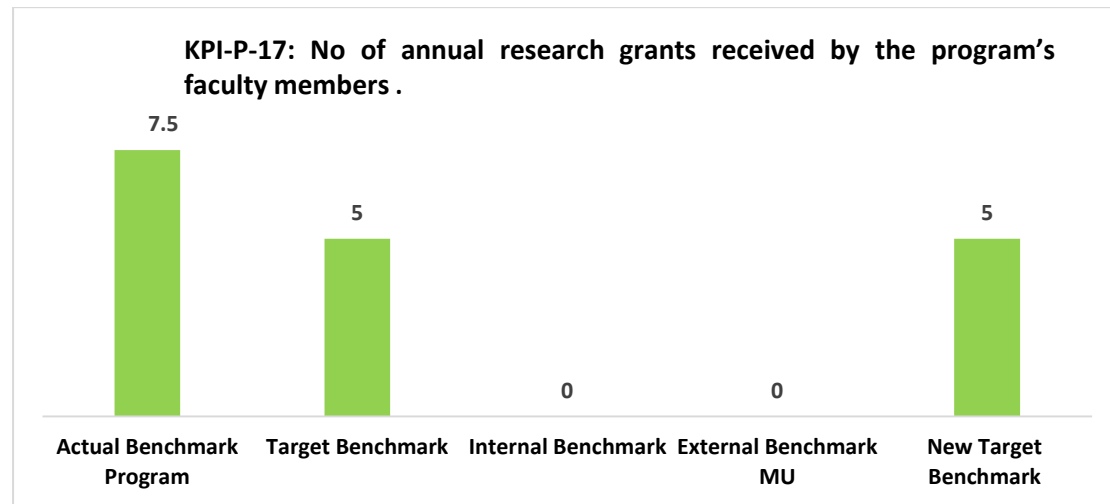
Figure 41: No of annual research grants received by the program's faculty members

Figure 41: The actual Benchmark for the No of annual research grants received by the program's faculty members in the Clinical Laboratory Sciences program at the University level is 5. The male percentage achievement in the University level (6) was considerably higher than the female achievement (4). The comparison of internal Benchmark (0%) of the last academic year was higher than the actual benchmarks and the target Benchmark of (5). The external benchmark was not available.

Program

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Skaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.5	5	NA	NA	NA



Analysis (list strengths and recommendations):

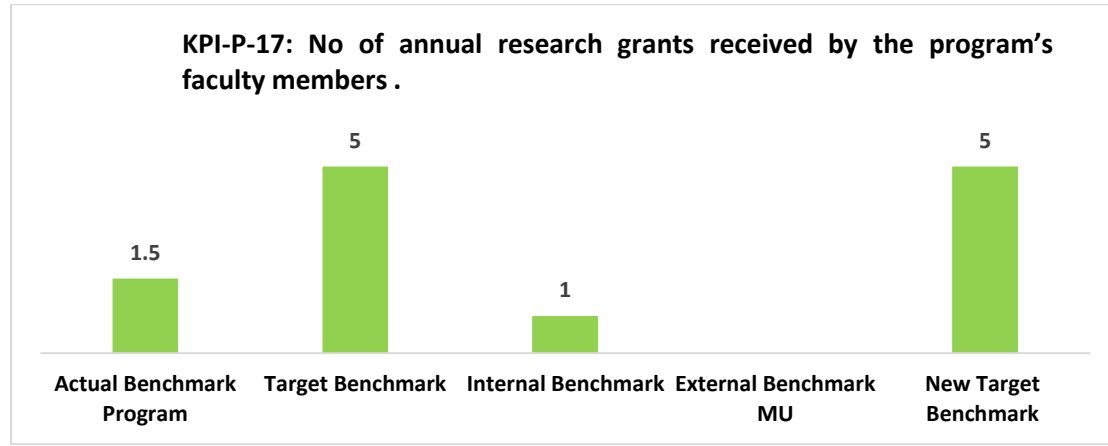
Analysis: Data for this indicator provided by the research committee. The average achievement of actual benchmark for the program in main campus is 7.5 which is higher than target (5) this achievement was found to be satisfied. No available data for internal and external benchmark. The KPI's value show that the teaching staff are keen to participate in development of research activities

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities .

Recommendation: program administration must promote and support teaching staff to participate in in research activities.

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.5	5	1	NA	5



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by the research committee. The average achievement of actual benchmark for the program in Qurayyat branch is 1.5 which is less than target (5) and higher than internal benchmark this achievement was found to be not satisfied. No available data for external benchmark. The KPI's value show that the teaching staff are keen to participate in development of research activities

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities .

Recommendation: program administration must promote and support teaching staff to participate in in research activities .

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
7.5	5	NA	NA	5

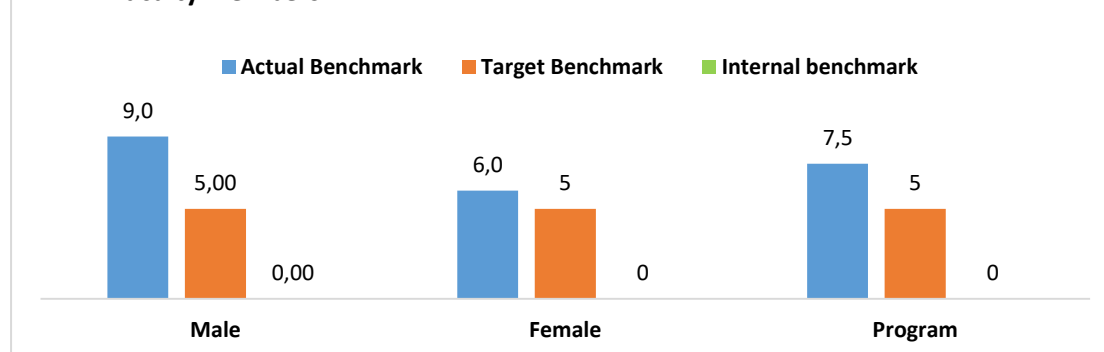
(Staff)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
9	5	NA	NA	5

(Students)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
6	5	NA	NA	5

KPI-P-17: No of annual research grants received by the program's faculty members .



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 7.5 this achievement is higher than target (5). For the male the achievement is (9) which is less than female sections (6). These achievements, in comparison with target(5) were found to be satisfied for male and female sections. No available data for internal and external benchmark.

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities .

Recommendation: program administration must promote and support teaching staff to participate in in research activities.

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science In Qurayat

Program

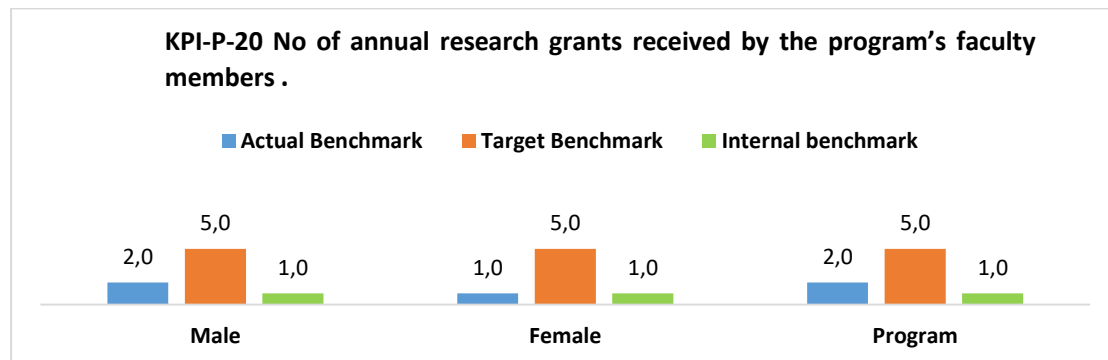
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.5	5	1		5

(Male)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2	5	1		5

(Female)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1	5	1		5



Analysis (list strengths and recommendations)

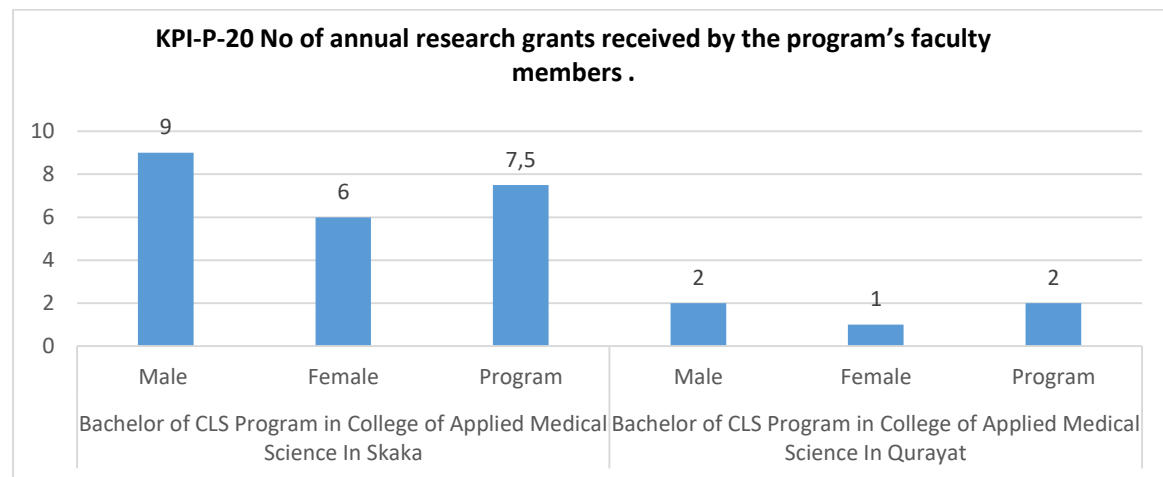
Analysis The average achievement of actual benchmark for the program in main campus is 2 this achievement is higher than target (5). For the male the achievement is (2) which is higher than female sections (1). These achievements, in comparison with target (5) were found to be not satisfied for male and female sections. No available data for internal and external benchmark.

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities.

Recommendation: program administration must promote and support teaching staff to participate in in research activities.

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
9	6	7.5	2	1	2



Analysis (list strengths and recommendations):

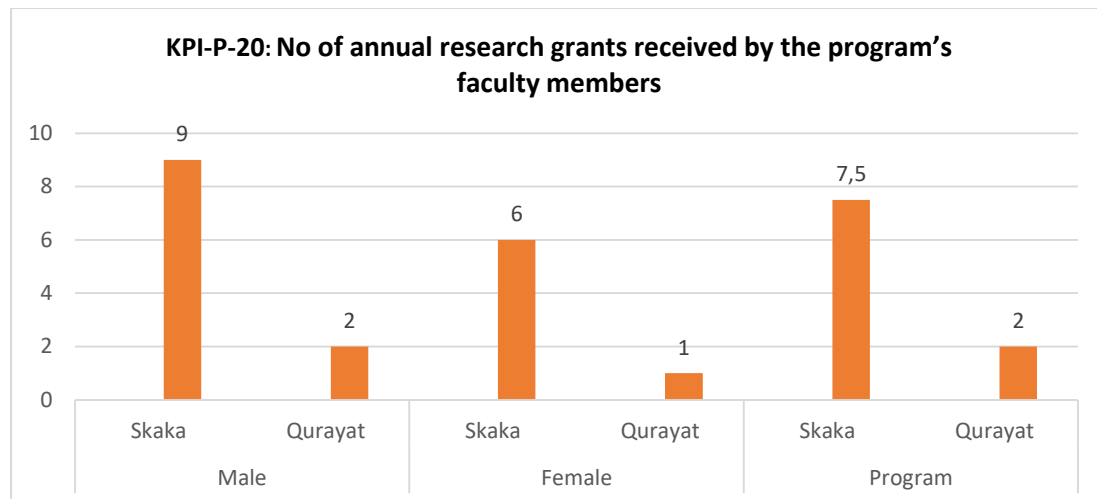
Analysis: No of annual research grants received by the program's faculty members in the Clinical Laboratory Sciences program in the main campus is (7.5) compared to (2) in Qurayat branch this achievements reflect that the number of annual research grant is better in main campus . In the main campus the male the achievement is higher than for male is better than in female (9 vs 6) as well in Qurayat branch the male grants better than female (2 vs 1)

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities.

Recommendation: program administration must promote and support teaching staff to participate in in research activities.

**KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science
Program, male, female**

Male		Female		Program	
Skaka	Qurayat	Skaka	Qurayat	Skaka	Qurayat
9	2	6	1	7.5	1.5



Analysis (list strengths and recommendations):

Analysis: No of annual research grants received by the program's faculty members in the Clinical Laboratory Sciences program in the main campus is (9) compared to (2) in Qurayat branch this achievements reflect that the number of grants achieved better in main campus. For male the achievement is Qurayyat less than for main campus (2 vs 9) at the same time the female achievement in Qurayyat branch less than main campus (1 vs 6)

Strength: the program had prepared and adopt research plans and the university adopt plans that to encourage and support research activities .

Recommendation: program administration must promote and support teaching staff to participate in in research activities.



*** Explain:**

1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

No of the funded research projects (internal or external), which at least one faculty member of the program has participated in / year

3. Name of the internal benchmark provider.

Bachelor of Clinical Laboratory Sciences Program

**** Explain:**

1. Why this external provider was chosen?

The external benchmark for this KPI in the year 1442H was not available.

2. How was the benchmark calculated?

NA

3. Name of the external provider.

NA

KPI Reference Number: KPI-P-21

KPI: The percentage of students' withdrawals from the program courses

Jouf University KPI Reference Number: KPI-P-21							
Actual Benchmark 1442				Target Benchmark	Internal Benchmark* 1440-1441	External Benchmark** MU	New Target Benchmark
Level	Male	Female	Total				
University	2.77%	1.80%	2.35%	10%	NA	NA	10%
Main Campus	2.14%	2.20%	2.20%				
Qurayyat branch	3.40%	1.40%	2.50%				

KPI Analysis of The percentage of students' withdrawals from the program courses in the Clinical Laboratory Sciences program.

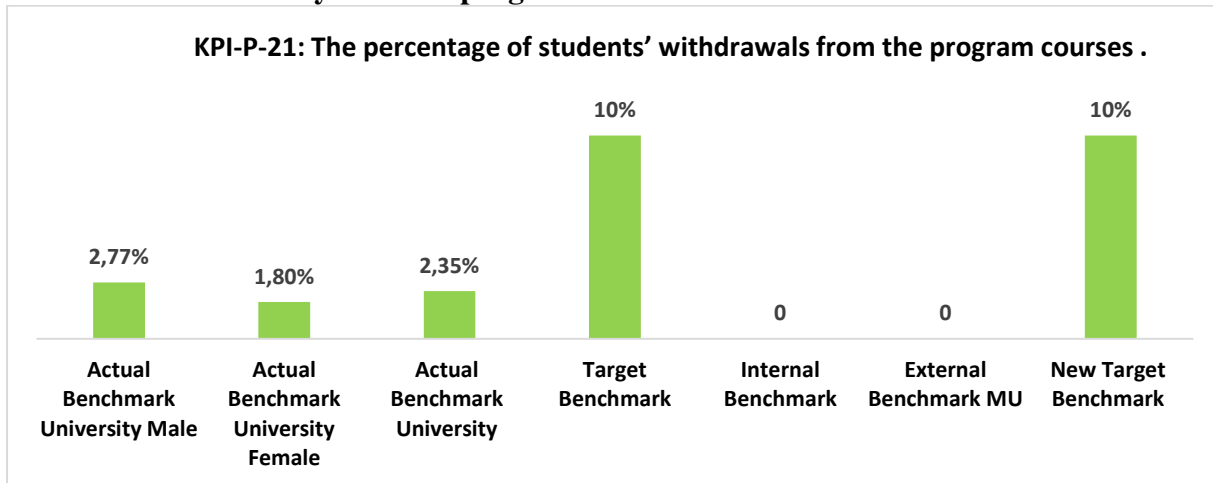


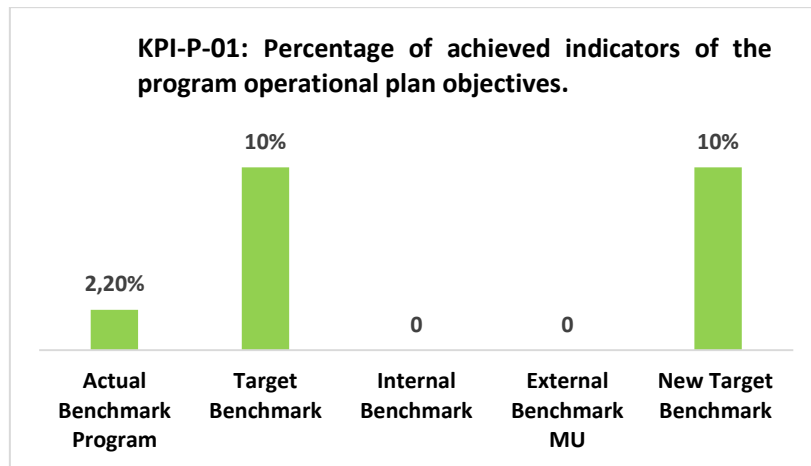
Figure 41: The percentage of students' withdrawals from the program courses

Figure 41: The actual Benchmark for the percentage of students' withdrawals from the program courses in the **Clinical Laboratory Sciences** program at the University level is 2.35%. The male percentage achievement in the University level (2.77%) was considerably higher than the female achievement (1.8%). The comparison of internal Benchmark (0%) of the last academic year was lower than the actual benchmarks and the target Benchmark of (10%. The external benchmark was not available.

Program

KPI- P-21 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.2%	10%	NA	NA	10%



Analysis (list strengths and recommendations):

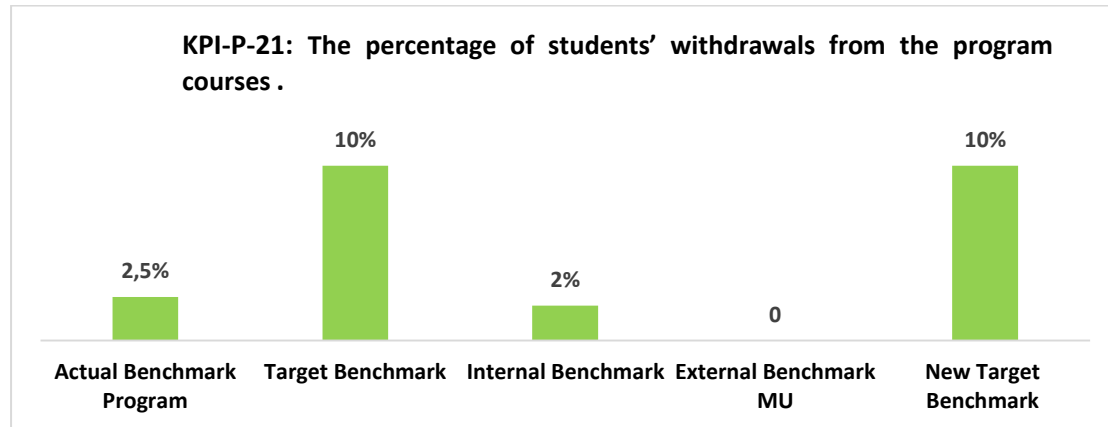
Analysis: Data for this indicator provided by students affairs unit. The average achievement of actual benchmark for the program in main campus is 2.2% which is less than target 10% this achievement was found to be satisfied. No available data for internal and external benchmark. The KPI's value show that the student satisfied with the courses they register per semesters.

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement.

Recommendation: program administration must promote and support academic advising activities .

KPI- P-21 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayat

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.5%	10%	2%	NA	10%



Analysis (list strengths and recommendations):

Analysis: Data for this indicator provided by student's affairs unit. The average achievement of actual benchmark for the program in Qurayyat branch is 2.5% which is less than target 10% this achievement was found to be satisfied. No available data for internal and external benchmark. The KPI's value show that the student satisfied with the courses they register per semesters.

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement

Recommendation: program administration must promote and support academic advising activities.

KPI- P-21 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Sakaka Program

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.2%	10%	NA	NA	10%

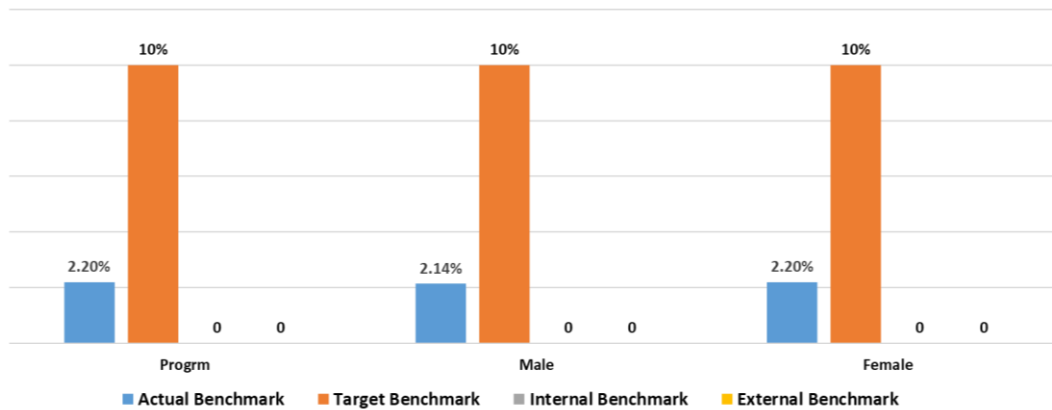
(Staff)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.14%	10%	NA	NA	10%

(Students)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.2%	10%	NA	NA	10%

KPI-P-21: The percentage of students' withdrawals from the program courses.



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 2.2% this achievement is less than target 10%. For the male the achievement is 2.14% which is less than female sections 2.2%. These achievements, in comparison with target 10% were found to be satisfied for male and female sections. No available data for internal and external benchmark.

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement

Recommendation: program administration must promote and support academic advising activities.

KPI- P-21 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science in Qurayyat Program

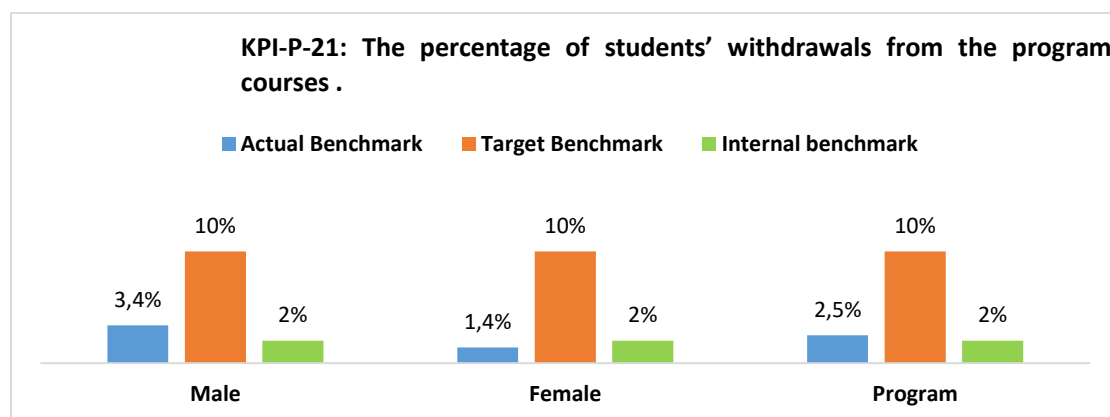
Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
2.5%	10%	NA	NA	10%

(Staff)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
3.4%	10%	NA	NA	10%

(Students)

Actual Benchmark	Target Benchmark	Internal Benchmark*	External Benchmark**	New Target Benchmark
1.4%	10%	NA	NA	10%



Analysis (list strengths and recommendations)

Analysis The average achievement of actual benchmark for the program in main campus is 2.5% this achievement is less than target 10%. For the male the achievement is 3.4% which is high than female sections 1.4%. These achievements, in comparison with target 10% were found to be satisfied for male and female sections.

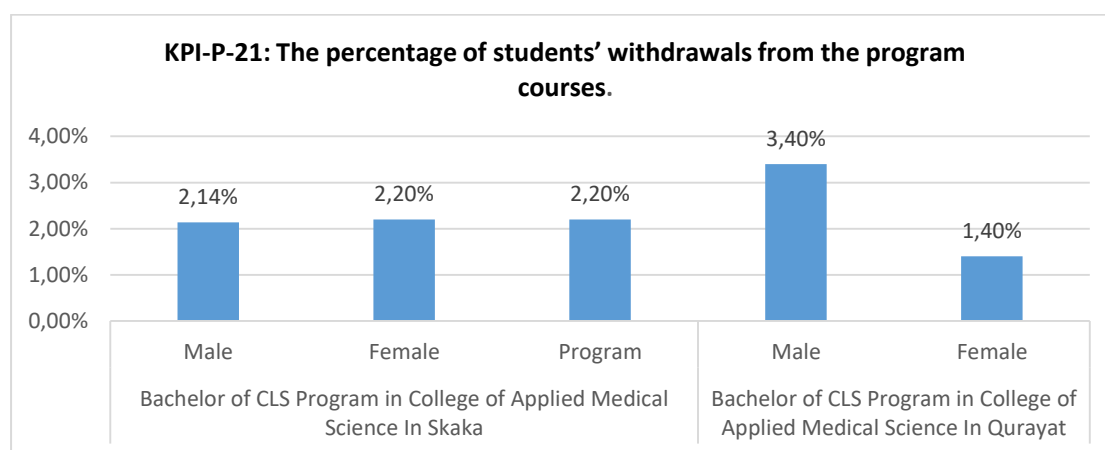
No available data for internal and external benchmark.

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement

Recommendation: program administration must promote and support academic advising activities.

KPI- P-21 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science

Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Skaka			Bachelor of Clinical laboratory sciences Program in College of Applied Medical Science In Qurayat		
Male	Female	Program	Male	Female	Program
2.14%	2.2%	2.2%	3.4%	1.4%	2.5%



Analysis (list strengths and recommendations):

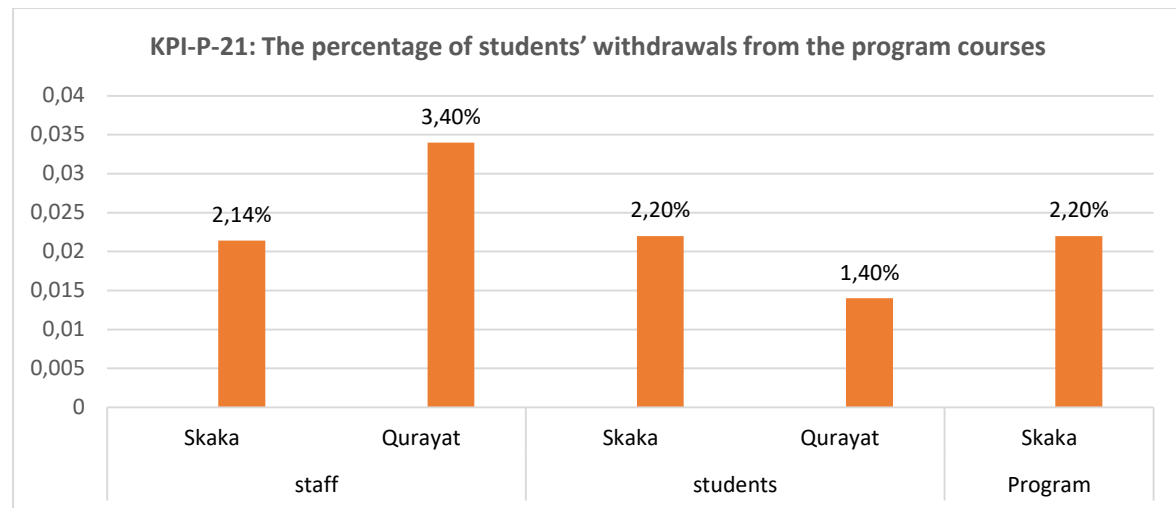
Analysis: The percentage of students' withdrawals from the program courses. in the Clinical Laboratory Sciences program in the main campus is 2.2% compared to 2.5% in Qurayat branch this achievements reflect that the number of students' withdrawals from the program courses is better in main campus . In the main campus the male achievement is higher than for female (2.2 vs 1.8) as well in Qurayat branch the male achievement is higher than female (3.4 vs 1.4)

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement

Recommendation: program administration must promote and support academic advising activities.

KPI- P-20 for Bachelor of Clinical Laboratory Sciences Program in College of Applied Medical Science Program, male, female

Male		Female		Program	
Sakaka	Qurayat	Sakaka	Qurayat	Sakaka	Qurayat
2.14%	3.4%	2.2%	1.4%	2.2%	2.5%



Analysis (list strengths and recommendations):

Analysis: The percentage of students' withdrawals from the program courses in the Clinical Laboratory Sciences program in the main campus is 2.2% compared to 2.5% in Qurayat branch this achievements reflect that the number of students' withdrawals from the program courses better in main campus. For male the achievement in Qurayat is higher than for main campus (3.4% vs 2.2%) at the same time the female achievement in Qurayat branch less than main campus (1.4 vs 1.8)

Strength: the program allocate the student to teaching staff as academic advisors to support and improve students academics achievement

Recommendation: program administration must promote and support academic advising activities.

* Explain:



1. Why this internal benchmark provider was chosen?

The internal benchmark was chosen to see whether a progress was made in comparison to the previous year.

2. How was the benchmark calculated?

Average of overall rating of employers for the proficiency of the program graduates on a five-point scale in an annual survey.

3. Name of the internal benchmark provider.

Bachelor of Clinical Laboratory Sciences Program

**** Explain:**

1. Why this external provider was chosen?

The external benchmark for this KPI in the year 1442H was not available.

2. How was the benchmark calculated?

NA

3. Name of the external provider.

NA



Additional KPIs

1. The percentage of interns who completed the clinical placements within the minimum required time.
2. Percentage of Students Who Participate in Community Service Campaigns Sakaka
3. No of annual research grants received by the program's faculty members
4. The percentage of students' withdrawals from the program courses

Action Plan Table for Bachelor of Clinical Laboratory Sciences Program for the report of 1442 H

KPI No	Recommendations	Action Taken	Methods of Performance Evaluation	Responsible Person	Starting Date	Date of Completion
KPI-P-01	Improve the evaluation for indicator of program operational plan objectives.	Make the strategies and procedures should be followed to the guidelines and enhance the evaluation activities for achievement of the objectives.	Number of achieved goals	Operational plan committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-02	Achieved-maintain	Continue response recording	Students survey	Quality Unit	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-03	Continue evaluation for the quality of the courses and evaluate the learning outcomes of the program.	Educate the students about the significance of evaluation and how to write it because the students just fill in the questionnaire without reading to see their result quickly.	Students survey	Teaching staff	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-04	Follow up the completion rate	Tutorial and counselling session for students with poor academic achievement	Report for completion rate	Academic affairs	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-05	Achieved-maintain	Tutorial and counselling session for students with poor academic achievement	Report for completion rate	Academic advising unit	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-06	Encourage and train the students' performance in the professional and/or national examinations.	Prepare and take the exit exams regarding to the guidelines of Saudi	Students' performance in the professional and/or national examinations.	National Examination Committee	The beginning of the academic year 1442	The end of the academic year 1442-1443

		Lenience commission				
KPI-P-07	-Improve Students' performance in the professional and/or national examinations -Increase number of Graduates' enrolment in postgraduate	-orientation program for developing the students' skills to increase the students' performance - orientation program for developing the Graduates' enrolment in postgraduate	-Number of graduates who employed or attached to postgraduates' program - Number of Graduates' enrolment in postgraduate	Internship and Alumni Unit	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-08	Increase the number of sections for courses.	Increase the number of sections for courses.	Number of sections for courses	Academic Affairs Unit	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-09	Achieved-maintain	Continue Employer assessment for PIOs	Responses survey report	Internship and Alumni Unit	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-10	Improve the facilities (restaurants, transportation, sports facilities, restaurants, and academic advising) for the students	Contact to facilitation unit of the University to improve the facilities	Students' satisfaction Questionnaire	Director of Administration	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-11	Improve the students and teaching staff ratio by appointing more faculty members.	Reduce the ratio of the staff in accordance to student numbers.	Number of students divided by number of students	Head of the Department and Recruitment committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-12	Recruitment of new teaching staff	Recruitment of new teaching staff	Ratio of male to female	Head of the Department and Recruitment committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-13	Encourage the faculty to stay in the program to achieve the target.	Faculty members may be provided with 3 years contracts to provide them more job	Calculating of the proportion of faculty members who have left work for reasons not	Head of Department	The beginning of the academic year 1442	The end of the academic year 1442-1443



		stability.	related to retirement age to total faculty members.			
KPI-P-14	Increase the number of publications of faculty member by participation in individual or group research projects	Academic and research activities should be enhanced to increase the number of publications which will support the program activity in the community.	Calculating the number of researches published in refereed journals for each faculty member.	Research committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-15	Achieved-maintain	Continue to provide facilities to faculty for enhancing the publications in individual capacity.	Calculating the proportion of faculty members who have at least one published research to the faculty members.	Research committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-16	Achieved-maintain	Encouraging faculty members to maintain the citations in refereed journals.	Calculating the number of citations of the published researches in refereed journals for each faculty member.	Research committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-17	Achieved-maintain	Maintain the resources related to the beneficiaries and provide the reference material, journals, database and more software.	Evaluation questionnaire of beneficiaries of learning resources.	Learning resource committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-18	Achieved-maintain	Keep on promoting interns who completed the clinical placements within the minimum required time.	Number of interns completing clinical placements in minimum time divided by the total number who started it.	Internship and Alumni Unit Report	The beginning of the academic year 1442	The end of the academic year 1442-1443

KPI-P-19	Organizing the community service campaigns and educate the students on the importance of participating in community service campaigns	Promote and support academic community services activities	Percentage of activities provided to community	Community services committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-20	Achieved-maintain	Continuous encouragement applies for the research grants.	Number of research funding based on community needs	Research committee	The beginning of the academic year 1442	The end of the academic year 1442-1443
KPI-P-21	Academic advising of the students to complete the program courses	Counselling of the students to choose the courses carefully and to complete them.	Report from Academic Affairs on percentage of students' withdrawals from the program courses	Academic advising unit	The beginning of the academic year 1442	The end of the academic year 1442-1443

وكالة الجامعة
للتطوير والجودة
عمادة الجودة
والاعتماد الأكاديمي



المملكة العربية
السعودية
وزارة التعليم
جامعة الجوف



Action Plan Progress Report

1. Progress on Implementation of Previous Year's Action Plans						
KPI No.	Actions Planned	Planned Completion Date	Person Responsible	Completed	If Not Complete, Give	
					Reasons	Proposed action
KPI-P-04	Follow up the completion rate	The end of the academic year 1442	Academic Affairs Unit	No	The COVID-19 situation restricts the academic activities.	Committee for academic affair will encourage the students to complete the program successfully
KPI-P-06	Students training for the professional and/or national examinations.	The end of the academic year 1442	National Examination Committee	No	The training of the students was inappropriate as little access to in presence exams.	Students should be evaluated according to the pattern of professional exams so that they can perform well in the licensing exams
KPI-P-07	-Improve Students' performance in the professional and/or national examinations -Increase number of Graduates' enrolment in postgraduate	The end of the academic year 1442	Internship and Alumni Unit	No	Students entered newly in the professional exam therefore more training is required.	Enhance the student's capability by evaluating the skills of the students during the graduate studies.
KPI-P-08	Increase the number of sections for courses.	The end of the academic year 1442	Academic Affairs Unit	No	Average number of students cannot be increased due to COVID-19 restrictions.	The committee for student's affairs should work and hold orientations to encourage the student number in class or sections
KPI-P-10	Improve the facilities (restaurants, transportation, sports facilities, restaurants, and academic advising) for the students	The end of the academic year 1442	Director of Administration	No	In COVID-19 situation, these facilities were difficult to execute due to social distancing rules imposed by Government.	The committee should work up and make the plans which should be executed to achieve the facilities for the next academic year.



KPI-P-11	Improve the students and teaching staff ratio by appointing more faculty members.	The end of the academic year 1442	Head of the Department and Recruitment committee	No	The COVID-19 situation prevents new contracts with new staff	Re-requesting of new teaching staff to presidency of the university
KPI-P-12	Recruitment of new teaching staff	The end of the academic year 1442	Head of the department and Recruitment committee	No	The COVID-19 situation prevents new contracts with new staff	Re-requesting of new teaching staff to presidency of the university
KPI-P-13	Encourage the faculty to stay in the program to achieve the target.	The end of the academic year 1442	Head of the department and Recruitment committee	No	The COVID-19 situation prevents new contracts with new staff	Re-requesting of new teaching staff to presidency of the university
KPI-P-17	Learning resources should be enhanced with the modern technologies in the program.	The end of the academic year 1442	Learning resource committee	Yes	-----	-----
KPI-P-19	Guide the students about their Satisfaction survey of undergraduate students with laboratory equipment.	The end of the academic year 1442	Laboratory Unit	No	Due to COVID-19 restrictions, students cannot perform the experiments in the lab therefore the responses were very low	Access to the lab facilities should be enhanced and orientation of the students should be done to achieve the target score.
KPI-P-21	Encourage the beneficiaries to participate in the community services to get them benefits from the research outline in the program.	The end of the academic year 1442	Community service committee	No	Due to social restriction imposed, the interaction with the community reduced.	Community service committee should streamline the projects in association with the community to achieve the labor market goals