PRIORITY NUTRITION RESULTS INDICATORS (PNRI) & SCORE CARD OF NATIONAL NUTRITION SERVICES (NNS) - APRIL 2023

TREND OF National PNRI DATA April 2023

PNRI-Priority Nutrition Result Indicators Framework comprises of 4 functionality indicators and 7 service delivery data
NNS score is generated by formulating Composite Index (CI) based on the 4 functionality indicators

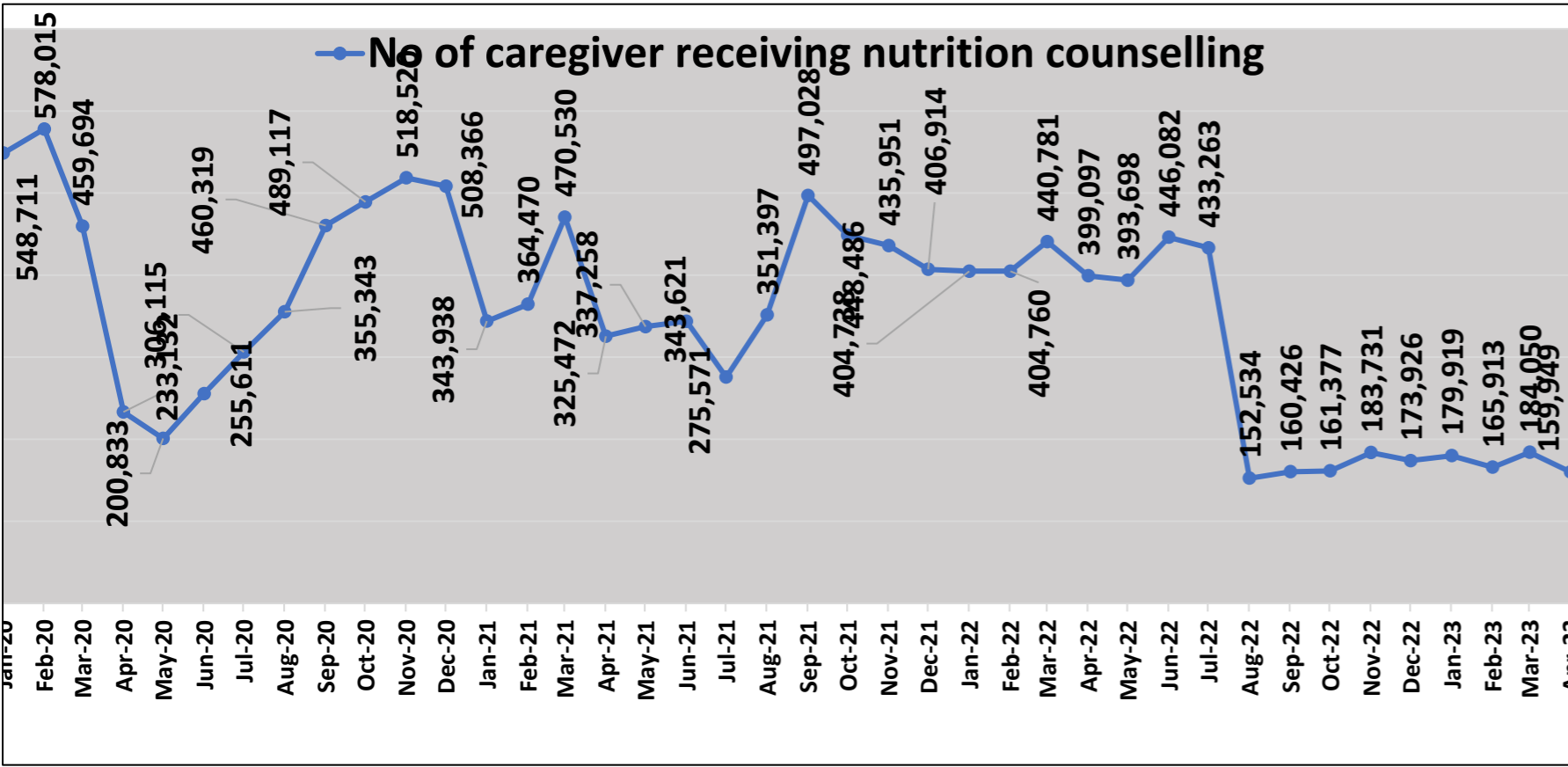|	PNRI functional data					PNRI service data								
Reporting Period	% of facilities reporting on complete nutrition indicator	% of registered infant and children aged U2 years receiving specified nutrition services	% of registered PW receiving specified nutrition services	% of children screened for SAM at facility	Composite Index	No of children screened for SAM at facility	No of Children Identified with SAM	No of SAM children admitted	SAM Status by Screening	Admission Rate	No of PLW receiveing IFA	No. of 1st ANC services where weight measured	No. of Nutrition counselling at 1st ANC	No. of children aged U2 years receiving specified counseling
Jun-22	68%	81%	85%	81%	0.79	318,461	2,366	800	0.7%	34%	264,747	14,872	30,783	45,655
Jul-22	70%	82%	84%	85%	0.80	329,489	1,906	771	0.6%	40%	262,340	78,511	78,665	48,868
Aug-22	72%	84%	85%	81%	0.81	325,162	1,696	1,050	0.5%	62%	300,298	93,374	91,843	60,691
Sep-22	72%	84%	85%	76%	0.79	340,727	2,717	1,039	0.8%	38%	298,975	95,280	95,210	65,216
Oct-22	73%	85%	86%	74%	0.79	345,114	2,920	1,094	0.8%	37%	294,899	95,376	95,312	66,065
Nov-22	74%	88%	87%	68%	0.79	422,877	2,320	1,208	0.5%	52%	311,106	103,410	103,323	80,408
Dec-22	74%	88%	87%	81%	0.82	374,895	2,043	1,059	0.5%	52%	286,631	98,320	98,323	75,603
Jan-23	74%	89%	88%	80%	0.83	382,026	2,184	1,214	0.6%	56%	311,877	103,400	103,354	76,565
Feb-23	73%	91%	89%	82%	0.84	390,043	1,988	1,044	0.5%	53%	281,867	94,086	93,160	72,753
Mar-23	74%	90%	88%	82%	0.84	424,601	2,086	1,002	0.5%	48%	296,772	100,712	105,827	78,223
Apr-23	73%	91%	89%	77%	0.82	391,043	1,993	966	0.5%	48%	254,136	89,301	89,452	70,497

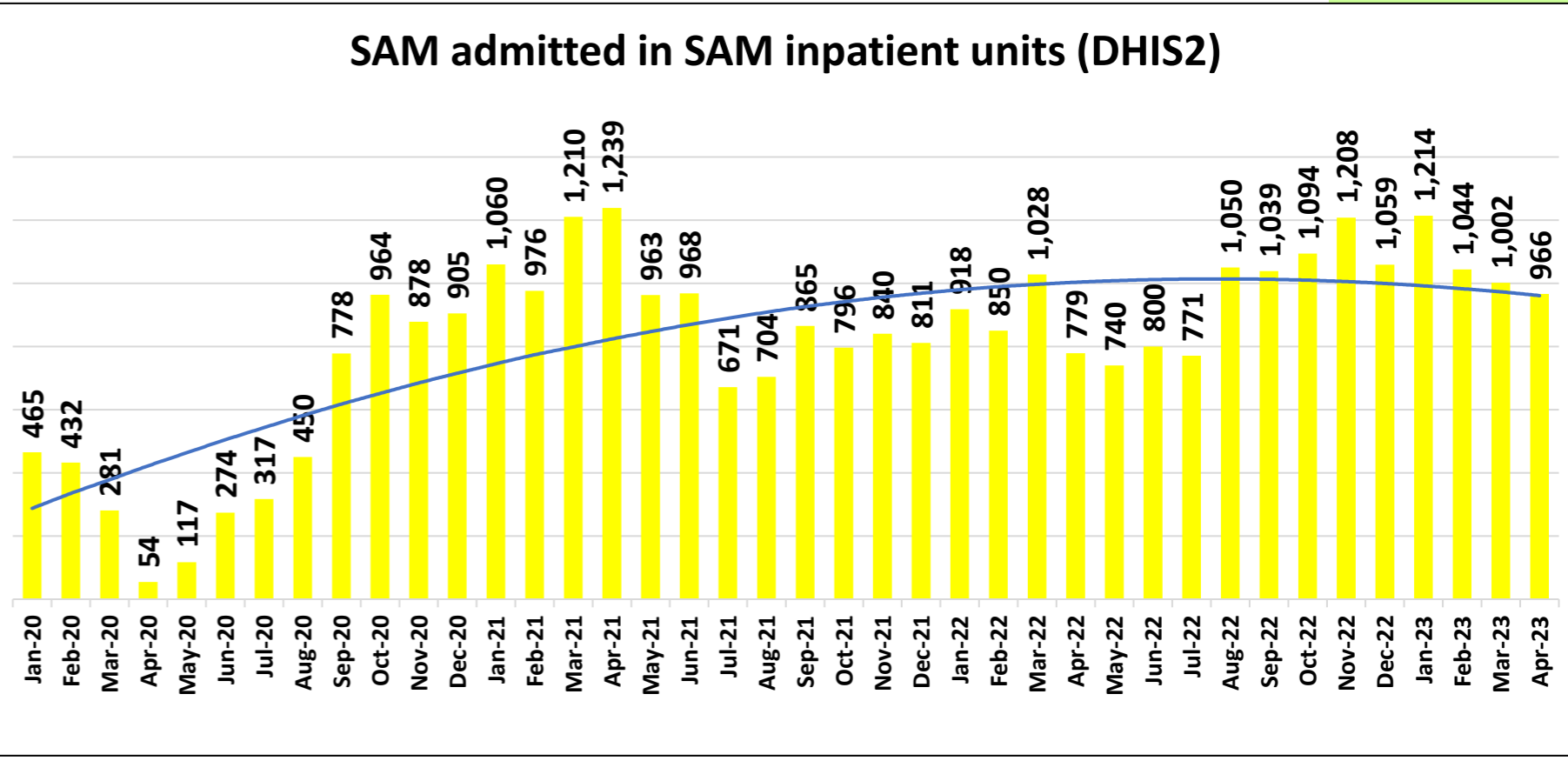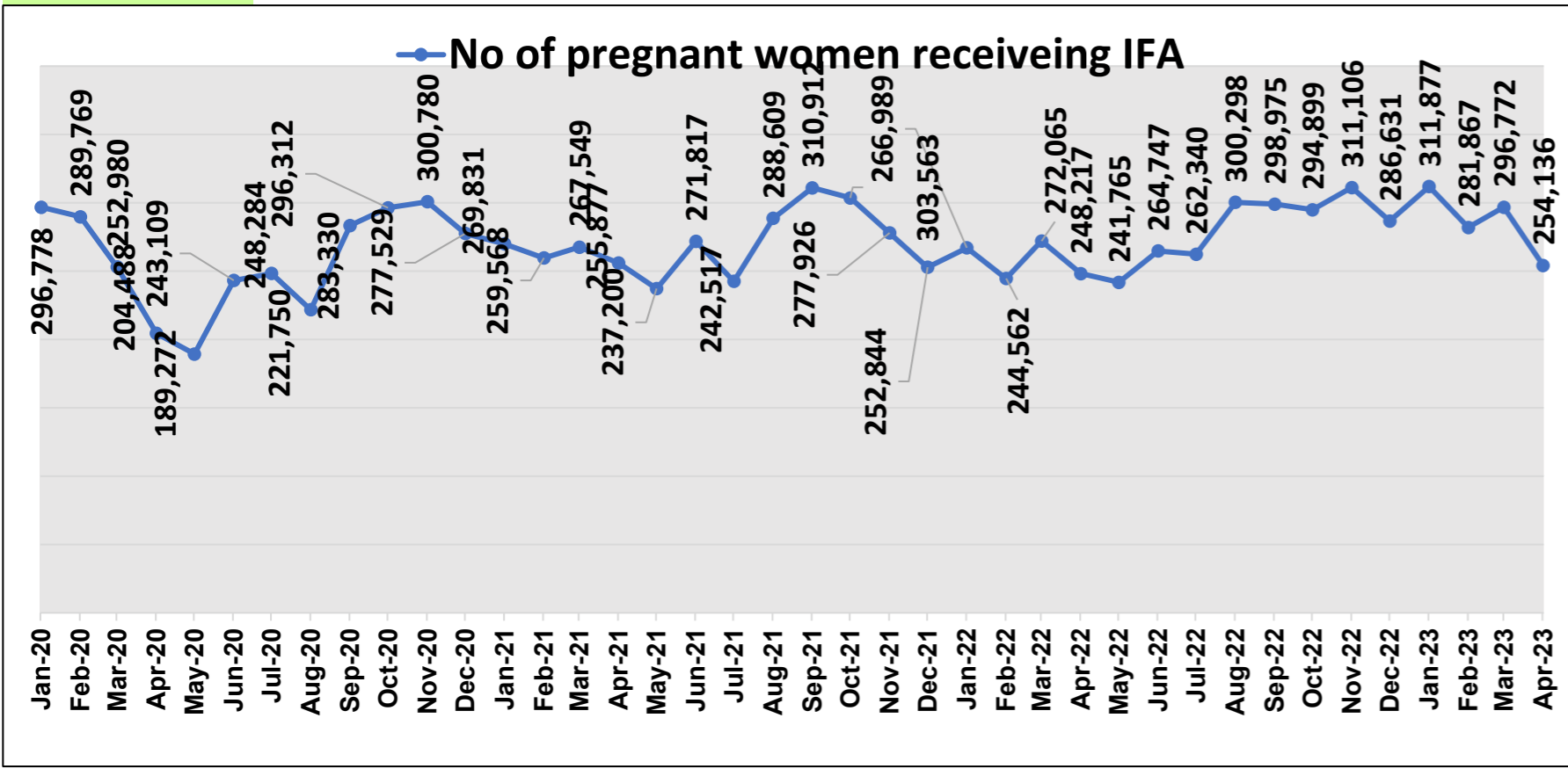- **Since January 2020 to January 2023, National CI value has increased 0.60 to 0.82**
- **Both PNRI functional and service data has also improved.**

Very Poor	Average	Good	Over Estimate
<50%	50-74%	>75%	>100%

Data Driven actions to improve Priority Nutrition Results and Indicators (PNRI): Jan 2020-April 2023

Figure 1

Figure 3

Figure 1: No of pregnant women receiveing IFA

296,778 · 289,769 · 204,488 · 252,980 · 243,109 · 189,272 · 248,284 · 296,312 · 221,750 · 283,330 · 277,529 · 300,780 · 269,831 · 259,568 · 237,200 · 255,877 · 267,549 · 248,217 · 241,765 · 271,817 · 242,517 · 288,609 · 310,91? · 277,926 · 266,989 · 252,844 · 303,563 · 244,562 · 272,065 · 248,217 · 241,765 · 264,747 · 262,340 · 300,298 · 298,975 · 294,899 · 311,106 · 286,631 · 311,877 · 281,867 · 296,772 · 254,136

Jan-20 · Feb-20 · Mar-20 · Apr-20 · May-20 · Jun-20 · Jul-20 · Aug-20 · Sep-20 · Oct-20 · Nov-20 · Dec-20 · Jan-21 · Feb-21 · Mar-21 · Apr-21 · May-21 · Jun-21 · Jul-21 · Aug-21 · Sep-21 · Oct-21 · Nov-21 · Dec-21 · Jan-22 · Feb-22 · Mar-22 · Apr-22 · May-22 · Jun-22 · Jul-22 · Aug-22 · Sep-22 · Oct-22 · Nov-22 · Dec-22 · Jan-23 · Feb-23 · Mar-23 · Apr-23

Figure 3: SAM admitted in SAM inpatient units (DHIS2)

465 · 432 · 281 · 54 · 117 · 274 · 317 · 450 · 778 · 964 · 878 · 905 · 1,060 · 976 · 1,210 · 1,239 · 963 · 968 · 671 · 704 · 865 · 796 · 840 · 811 · 918 · 850 · 1,028 · 779 · 740 · 800 · 771 · 1,050 · 1,039 · 1,094 · 1,208 · 1,059 · 1,214 · 1,044 · 1,002 · 966

Jan-20 · Feb-20 · Mar-20 · Apr-20 · May-20 · Jun-20 · Jul-20 · Aug-20 · Sep-20 · Oct-20 · Nov-20 · Dec-20 · Jan-21 · Feb-21 · Mar-21 · Apr-21 · May-21 · Jun-21 · Jul-21 · Aug-21 · Sep-21 · Oct-21 · Nov-21 · Dec-21 · Jan-22 · Feb-22 · Mar-22 · Apr-22 · May-22 · Jun-22 · Jul-22 · Aug-22 · Sep-22 · Oct-22 · Nov-22 · Dec-22 · Jan-23 · Feb-23 · Mar-23 · Apr-23

Figure 2: No of caregiver receiving nutrition counselling

548,711 · 578,015 · 459,694 · 200,833 · 233,115 · 233,152 · 460,319 · 255,611 · 489,117 · 355,343 · 518,526 · 508,366 · 343,938 · 364,470 · 470,530 · 337,258 · 325,472 · 343,621 · 275,571 · 351,397 · 497,028 · 404,748 · 408,486 · 435,951 · 406,914 · 404,760 · 440,781 · 399,097 · 393,698 · 446,082 · 433,263 · 152,534 · 160,426 · 161,377 · 183,731 · 173,926 · 179,919 · 165,913 · 184,050 · 159,949

Jan-20 · Feb-20 · Mar-20 · Apr-20 · May-20 · Jun-20 · Jul-20 · Aug-20 · Sep-20 · Oct-20 · Nov-20 · Dec-20 · Jan-21 · Feb-21 · Mar-21 · Apr-21 · May-21 · Jun-21 · Jul-21 · Aug-21 · Sep-21 · Oct-21 · Nov-21 · Dec-21 · Jan-22 · Feb-22 · Mar-22 · Apr-22 · May-22 · Jun-22 · Jul-22 · Aug-22 · Sep-22 · Oct-22 · Nov-22 · Dec-22 · Jan-23 · Feb-23 · Mar-23

Figure 2

Data source DHIS2

Key progress highlights

- Compared to March 2023, no of children identified with SAM **has decreased** in April'23 (from **2,086 to 1,993).** But the SAM admission rate has also remain same in Mar '23 (from **48% to 48%).** On the other hand no. of SAM children admitted in SAM inpatient units **(from 1,044 to 966)** has decreased than the previous month (Figure 3).

- In April'23 the number of pregnant women receive IFA has decreased **(from 296,772 to 254,136)** in Figure 1 & The no. of caregiver receiving nutrition counselling has also decreased **from 184,050 (Feb'23) to 159,949 (April'23) in** Figure 2.

Areas for improvements

- All facilities should give report timely in DHIS2(within the first 5 working days of the month).
- Need to be increase the attention on quality of screening of SAM & distribution of IFA among PLW.
- There are need to expand the admission rate of children with SAM in inpatient Units.
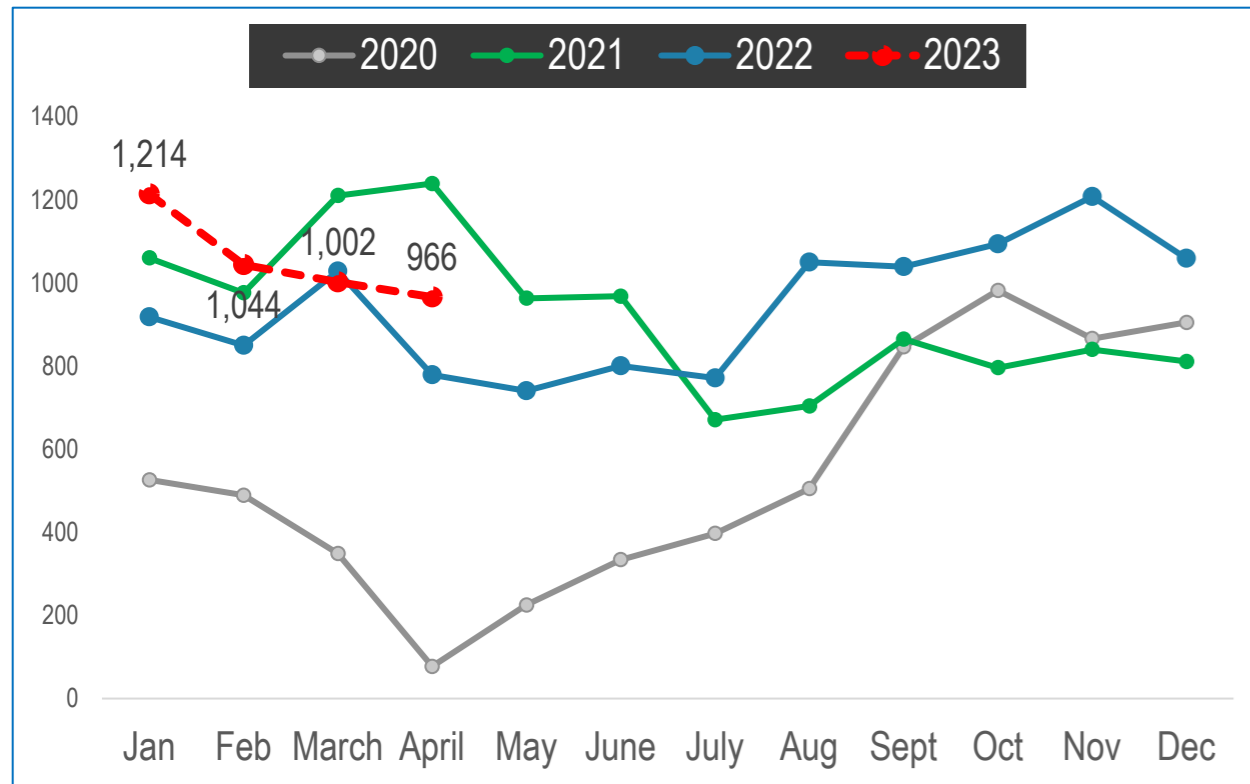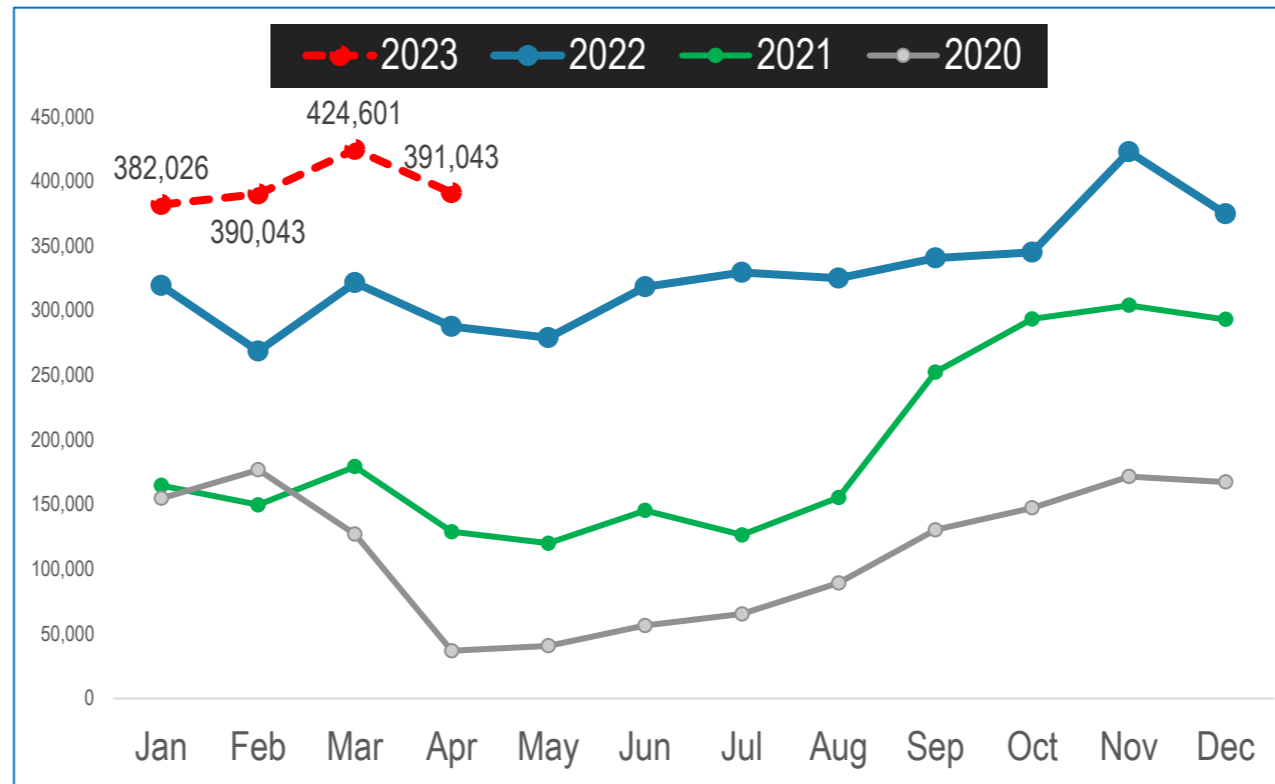
For further details please visit nnsop.org

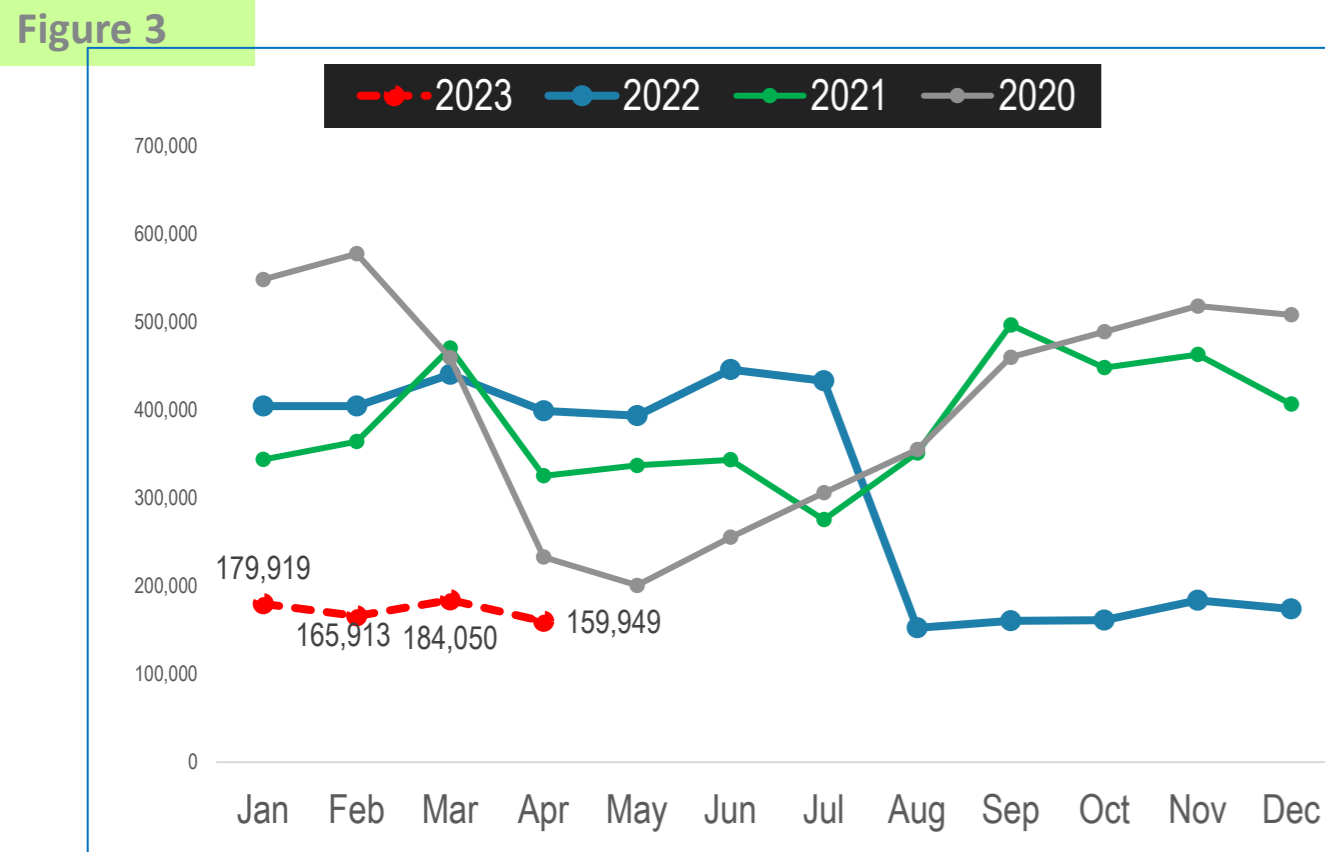# PNRI service Data Trend- 2020-2023

SAM Admission Trend (2020-2023)
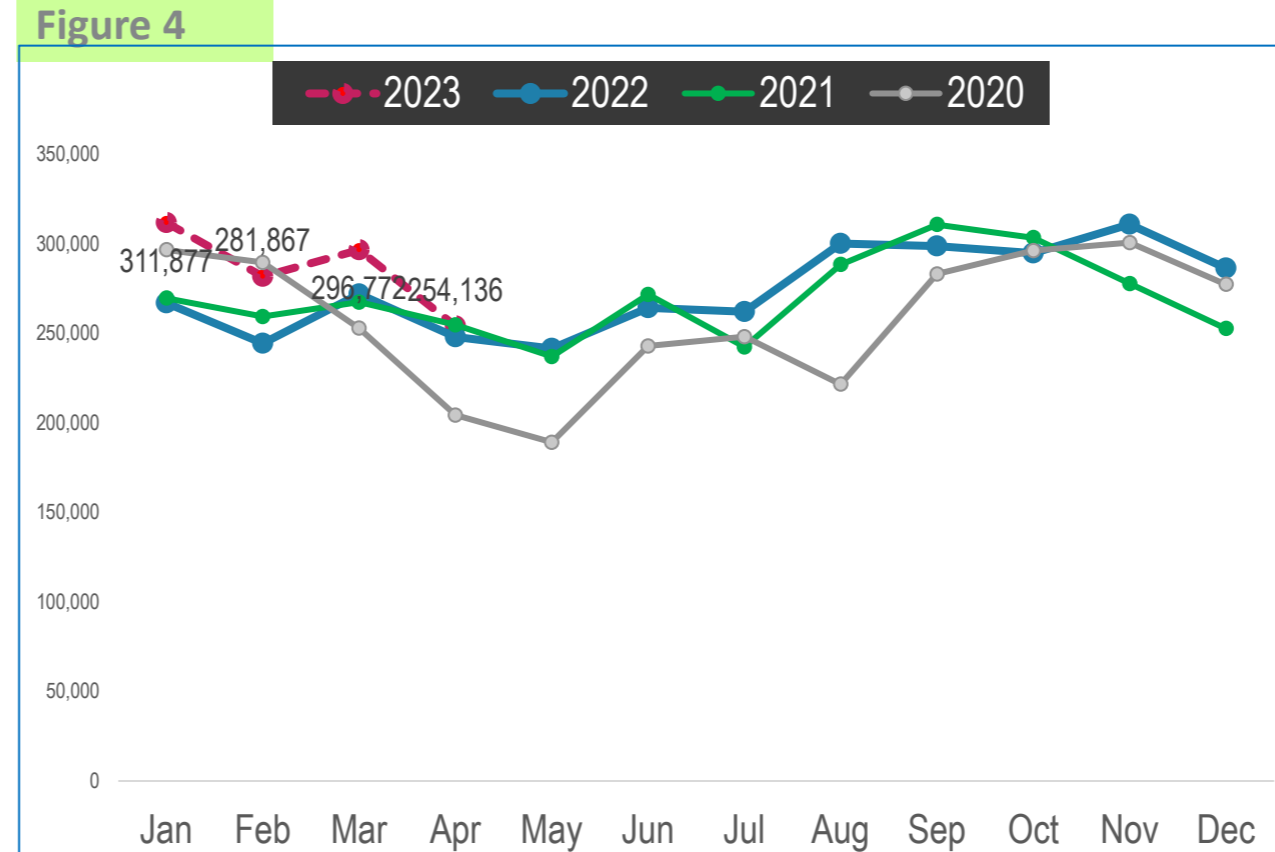
Figure 2

SAM Screening Trend (2020-2023)

- We had set the target for SAM admission at 14,000 children in 2023. Up to April 2023, we have already reached **4,226** which is **30.19%** of set target.(Figure-1)

- We can see well progress in children screened with SAM in 2023 in compare to last three years. In April'23, the number of SAM children screened at SAM facility performed (**391,043**) (Figure-2).

- Before COVID lockdown in 2021, the admission rate was 94% (in April). SAM admission trend has decreased in April'23 (**966**) than the previous month (**1,002**).

- IYCF counselling and IFA coverage has shown here in Figure-3&4. However, now the coverage has slightly decrease in case of IYCF counselling than the previous month (from **184,050 to 159,949**). On the other hand IFA distribution trend has decreased in March"23 (from **296,772 to 254,136**).

IYCF Counseling Trend (2020-2023)

Figure 3

IFA Distribution Trend (2020-2023)

Figure 4

All Division PNRI data and National Nutrition Services (NNS) Score Card in April 2023
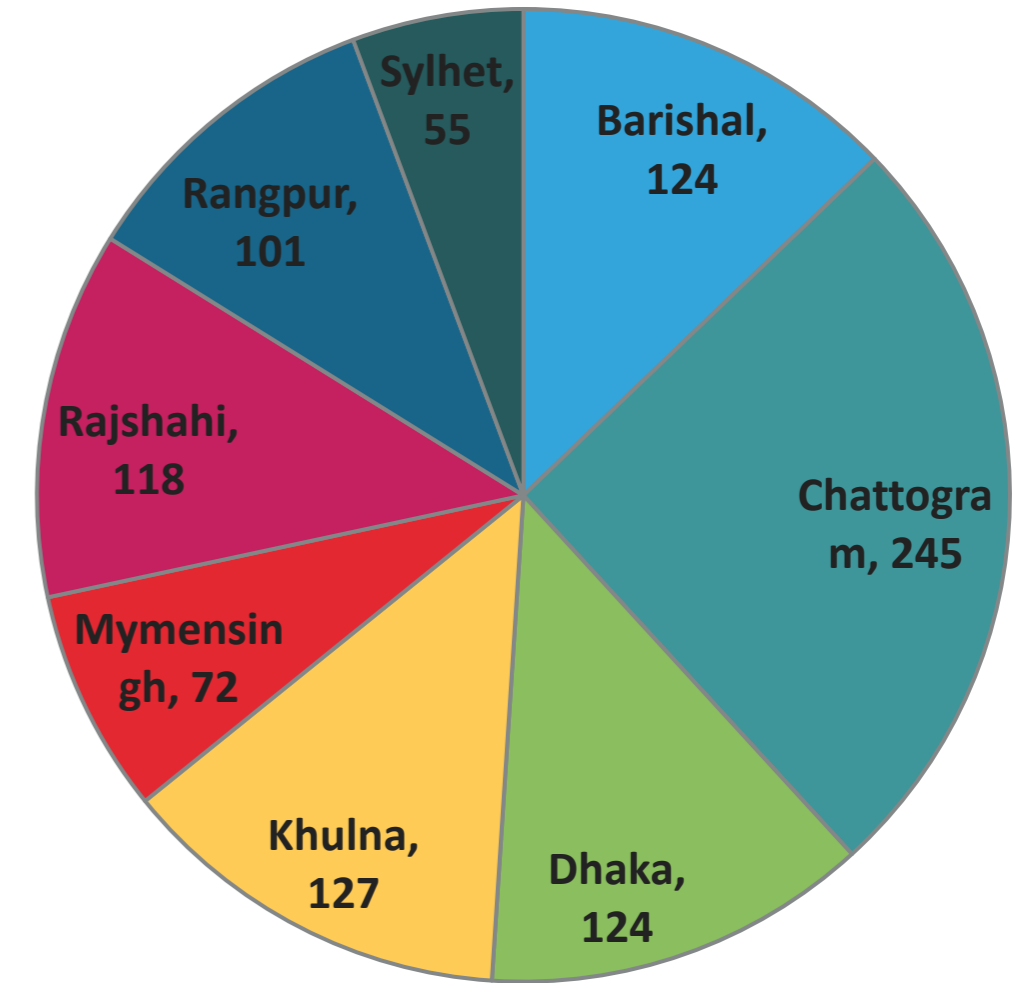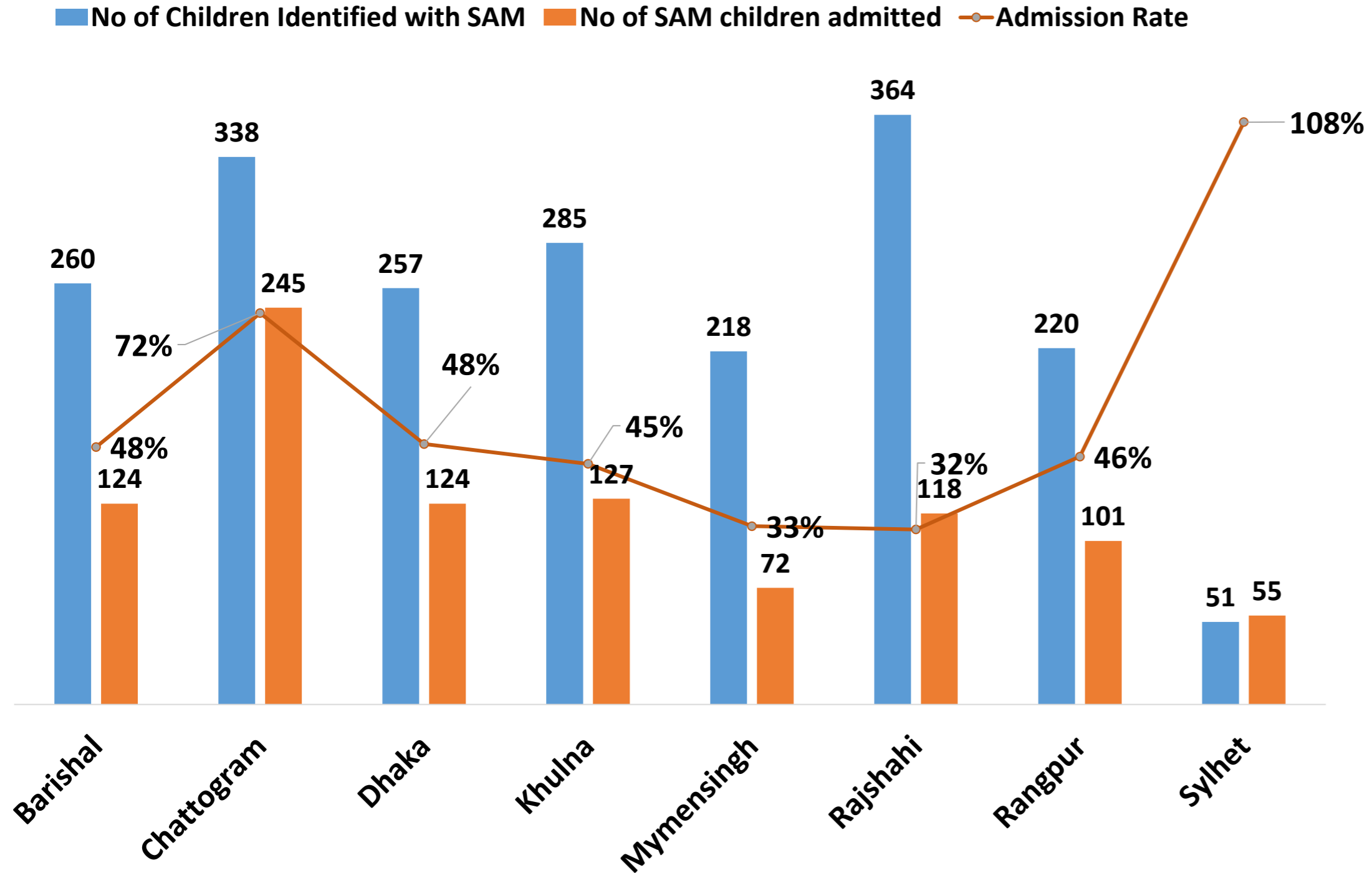
- PNRI-Priority Nutrition Result Indicators Framework comprises of 4 functionality indicators and 7 service delivery data indicators
- NNS score is generated by formulating Composite Index (CI) based on the 4 functionality indicators

Month	Division	PNRI functional data						PNRI service data								
Reporting Period	Division	% of facilities reporting on complete nutrition indicator	% of registered infant and children aged U2 years receiving specified nutrition services	% of registered PW receiving specified nutrition services	% of children screened for SAM at facility	Composite Index	Rank	No of children screened for SAM at facility	No of Children Identified with SAM	No of SAM children admitted	SAM Status by Screening	Admission Rate	No of PLW receiveing IFA	No. of 1st ANC services where weight measured	No. of Nutrition counselling at 1st ANC	No. of children aged U2 years receiving specified counseling
Apr-23	Khulna	92%	102%	92%	101%	0.967	1	58,745	285	127	0.5%	45%	31,428	13,352	13,348	3,905
Apr-23	Rangpur	80%	96%	85%	104%	0.914	2	43,039	220	101	0.5%	46%	32,837	9,257	9,276	20,075
Apr-23	Chattogram	68%	99%	95%	97%	0.897	3	82,786	338	245	0.4%	72%	43,890	18,739	18,771	13,206
Apr-23	Barishal	81%	90%	86%	101%	0.893	4	33,644	260	124	0.8%	48%	16,403	5,341	5,296	8,648
Apr-23	Rajshahi	83%	84%	87%	88%	0.854	5	69,057	364	118	0.5%	32%	41,899	11,971	11,925	4,960
Apr-23	Sylhet	74%	98%	96%	72%	0.849	6	29,384	51	55	0.2%	108%	13,130	4,896	4,923	7,426
Apr-23	Mymensingh	55%	74%	82%	56%	0.668	7	22,909	218	72	1.0%	33%	23,359	7,004	7,082	7,224
Apr-23	Dhaka	57%	83%	86%	39%	0.664	8	51,479	257	124	0.5%	48%	51,190	18,747	18,831	5,053

- **Khulna division** is overall ranking top.
- **Khulna division** has highest % of facilities reporting on complete nutrition indicator (92%).
- **Dhaka** has the highest no. of PLW received IFA (51,190).
- **Chattogram** has the highest number for SAM screening (82,786) and SAM admission (245)
- **Rajshahi** has the highest number SAM identification (364).
- **Sylhet** has the highest % of SAM Admission (108%)

Very Poor	Average	Good	Over Estimate
<50%	50-74%	>75%	>100%

April 2023

■ No of Children Identified with SAM **■ No of SAM children admitted** **—○— Admission Rate**

Bar chart (by division):

Division	No of Children Identified with SAM	No of SAM children admitted	Admission Rate
Barishal	260	124	48%
Chattogram	338	245	72%
Dhaka	257	124	48%
Khulna	285	127	45%
Mymensingh	218	72	33%
Rajshahi	364	118	32%
Rangpur	220	101	46%
Sylhet	51	55	108%

Pie chart (No of SAM children admitted):
- Barishal, 124
- Chattogram, 245
- Dhaka, 124
- Khulna, 127
- Mymensingh, 72
- Rajshahi, 118
- Rangpur, 101
- Sylhet, 55

- Division wise variations has highly increased in terms of SAM cases identified from screening vs admission
- Out of Eight divisions, only two divisions has shown admission rate of SAM cases over 50%.

DISTRICT PERFORMANCE AND RANKING-PNRI DATA April 2023

Box plot values: 0.97, 0.89, 0.81, 0.78, 0.70, 0.46

Bar chart values by district:

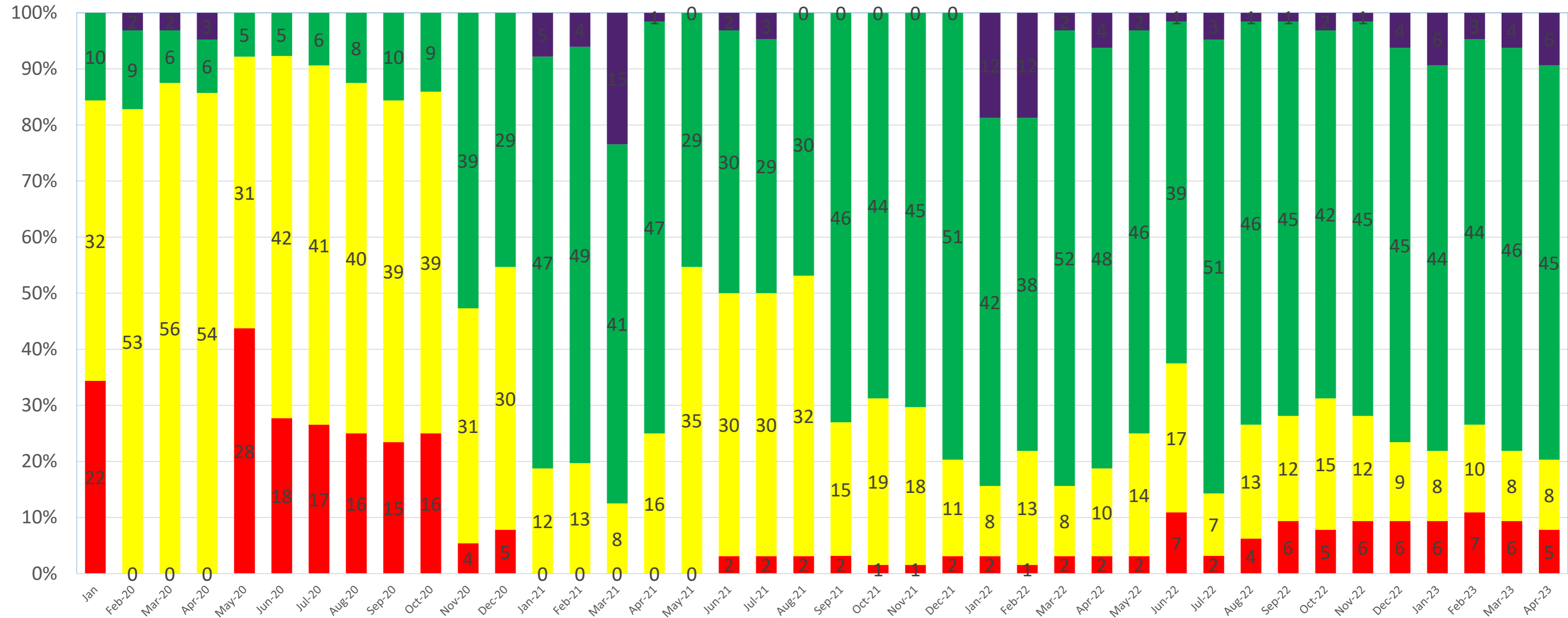| District	Value
Gazipur	1.05
Narail	1.04
Jashore	1.04
Nilphamari	1.02
Cox's bazar	1.00
Barguna	1.00
Chandpur	0.99
Meherpur	0.98
Jhenaida	0.97
Rangpur	0.97
Gopalganj	0.97
Satkhira	0.96
Khulna	0.96
Feni	0.96
Chuadanga	0.95
Rajshahi	0.94
Magura	0.94
Lakshmipur	0.93
Dinajpur	0.93
Jhalokati	0.92
Thakurgaon	0.92
Kushtia	0.92
Bagerhat	0.91
Maulavi...	0.91
Barishal	0.90
Pirojpur	0.89
Chattogram	0.89
Bogura	0.89
Bhola	0.89
Naogaon	0.88
Rangamati	0.87
Lalmonirhat	0.87
Brahmanba...	0.87
Cumilla	0.87
Panchagarh	0.87
Habiganj	0.86
Khagrachhari	0.85
Sylhet	0.85
Sirajganj	0.85
Gaibandha	0.83
Noakhali	0.83
Patuakhali	0.83
Pabna	0.82
Sherpur	0.82
Chapai...	0.81
Kurigram	0.80
Bandarban	0.80
Natore	0.78
Faridpur	0.78
Netrokona	0.77
Sunamganj	0.76
Joypurhat	0.73
Kishoreganj	0.73
Jamalpur	0.68
Rajbari	0.68
Tangail	0.63
Shariatpur	0.57
Narayanganj	0.54
Narsingdi	0.50
Madaripur	0.50
Mymensingh	0.49
Munshiganj	0.43
Dhaka	0.41
Manikganj	0.40

- The five top performing districts are- Gazipur, Narail, Jashore, Nilphamari, Cox's bazar and Barguna.
- Based on CI value, 5 districts has performed very poor, 8 districts has performed average, 45 districts performed good and 6 districts have shown over estimated performance.

TREND OF DISTRICT PERFORMANCE April 2023

Overall Performance of districts based on CI

- Based on CI value overall district performance has increased. In Apr'23 45 districts performed Good. Six (5) districts performed very poor (Madaripur, Mymensingh, Munshiganj,, Manikganj & Dhaka) and 8 districts performed average.

Low Performing 20 Districts in the Context of SAM Admission: April 2023

Reporting Period	Division	District	PNRI Functional Data						PNRI Service Data								
			% of facilities reporting on complete nutrition indicator	% of registered infant and children aged U2 years receiving specified nutrition services	% of registered PW receiving specified nutrition services	% of children screened for SAM at facility	Composite Index	Rank	No of children screened for SAM at facility	No of Children Identified with SAM	No of SAM children admitted	SAM Status by Screening	Admission Rate	No of PLW receiveing IFA	No. of 1st ANC services where weight measured	No. of Nutrition counselling at 1st ANC	No. of children aged U2 years receiving specified counseling
Apr-23	Chattogram	Bandarban	44%	84%	90%	100%	0.80	47	633	4	0	0.6%	0%	1,227	230	231	215
Apr-23	Dhaka	Shariatpur	48%	56%	59%	63%	0.57	57	1,497	0	0	0.0%	#DIV/0!	2,122	225	200	326
Apr-23	Dhaka	Narayanganj	51%	67%	88%	9%	0.54	58	903	10	0	1.1%	0%	5,519	663	647	282
Apr-23	Dhaka	Manikganj	33%	59%	49%	18%	0.40	64	877	1	0	0.1%	0%	2,355	561	572	649
Apr-23	Khulna	Chuadanga	87%	109%	84%	100%	0.95	15	2,761	3	1	0.1%	33%	1,947	403	409	271
Apr-23	Rangpur	Lalmonirhat	85%	80%	80%	104%	0.87	32	3,269	3	1	0.1%	33%	2,982	1,100	1,105	762
Apr-23	Chattogram	Khagrachhari	42%	106%	91%	100%	0.85	37	1,523	1	1	0.1%	100%	737	258	254	237
Apr-23	Khulna	Narail	83%	141%	93%	100%	1.04	2	3,342	6	2	0.2%	33%	1,217	636	640	517
Apr-23	Chattogram	Chandpur	93%	106%	96%	102%	0.99	7	4,305	7	2	0.2%	29%	3,729	1,723	1,730	1616
Apr-23	Rangpur	Panchagarh	87%	83%	80%	98%	0.87	35	3,920	7	2	0.2%	29%	2,068	435	435	400
Apr-23	Dhaka	Tangail	58%	82%	87%	23%	0.63	56	4,669	52	2	1.1%	4%	6,933	3,522	3,618	2498
Apr-23	Rajshahi	Chapai Nababganj	77%	81%	75%	93%	0.81	45	4,010	27	3	0.7%	11%	3,160	375	362	270
Apr-23	Dhaka	Madaripur	44%	77%	78%	0%	0.50	60	0	0	3	#DIV/0!	#DIV/0!	1,679	421	420	431
Apr-23	Dhaka	Gopalganj	86%	105%	95%	100%	0.97	11	4,909	11	4	0.2%	36%	2,110	945	947	1278
Apr-23	Chattogram	Rangamati	35%	118%	96%	100%	0.87	31	566	4	4	0.7%	100%	697	334	334	444
Apr-23	Rangpur	Gaibandha	86%	83%	72%	93%	0.83	40	3,461	30	4	0.9%	13%	4,472	876	866	611
Apr-23	Dhaka	Kishoreganj	53%	88%	92%	57%	0.73	53	8,378	25	4	0.3%	16%	7,684	3,983	4,012	2716
Apr-23	Dhaka	Munshiganj	35%	47%	91%	1%	0.43	62	90	4	4	4.4%	100%	1,483	1,261	1,282	484
Apr-23	Khulna	Kushtia	79%	92%	95%	100%	0.92	22	5,852	7	5	0.1%	71%	3,864	1,710	1,706	1471
Apr-23	Rajshahi	Natore	62%	89%	86%	76%	0.78	48	4,841	20	5	0.4%	25%	3,670	847	849	464

- **4 districts have Zero SAM Admission (Bandarbon, Sariatpur, Narayanganj and Manikganj)**

Lowest Performing 20 districts based on Scorecard ranking: April 2023

Reporting Period	Division	District	PNRI Functional Data						PNRI Service Data								
			% of facilities reporting on complete nutrition indicator	% of registered infant and children aged U2 years receiving specified nutrition services	% of registered PW receiving specified nutrition services	% of children screened for SAM at facility	Composite Index	Rank	No of children screened for SAM at facility	No of Children Identified with SAM	No of SAM children admitted	SAM Status by Screening	Admission Rate	No of PLW receiveing IFA	No. of 1st ANC services where weight measured	No. of Nutrition counselling at 1st ANC	No. of children aged U2 years receiving specified counseling
Apr-23	Dhaka	Manikganj	33%	59%	49%	18%	0.40	64	877	1	0	0.1%	0%	2,355	561	572	649
Apr-23	Dhaka	Dhaka	37%	29%	58%	41%	0.41	63	11,226	59	54	0.5%	92%	3,939	459	449	202
Apr-23	Dhaka	Munshiganj	35%	47%	91%	1%	0.43	62	90	4	4	4.4%	100%	1,483	1,261	1,282	484
Apr-23	Mymensigh	Mymensingh	61%	50%	69%	17%	0.49	61	2,771	23	14	0.8%	61%	9,101	2,075	2,134	1117
Apr-23	Dhaka	Madaripur	44%	77%	78%	0%	0.50	60	0	0	3	#DIV/0!	#DIV/0!	1,679	421	420	431
Apr-23	Dhaka	Narsingdi	54%	69%	74%	4%	0.50	59	400	13	6	3.3%	46%	7,131	538	538	264
Apr-23	Dhaka	Narayanganj	51%	67%	88%	9%	0.54	58	903	10	0	1.1%	0%	5,519	663	647	282
Apr-23	Dhaka	Shariatpur	48%	56%	59%	63%	0.57	57	1,497	0	0	0.0%	#DIV/0!	2,122	225	200	326
Apr-23	Dhaka	Tangail	58%	82%	87%	23%	0.63	56	4,669	52	2	1.1%	4%	6,933	3,522	3,618	2498
Apr-23	Dhaka	Rajbari	31%	66%	88%	85%	0.68	55	1,452	5	5	0.3%	100%	1,304	551	540	409
Apr-23	Mymensigh	Jamalpur	44%	67%	82%	81%	0.68	54	5,245	41	33	0.8%	80%	5,301	1,729	1,774	860
Apr-23	Dhaka	Kishoreganj	53%	88%	92%	57%	0.73	53	8,378	25	4	0.3%	16%	7,684	3,983	4,012	2716
Apr-23	Rajshahi	Joypurhat	62%	92%	91%	48%	0.73	52	2,380	23	5	1.0%	22%	1,991	785	791	378
Apr-23	Sylhet	Sunamganj	69%	93%	93%	50%	0.76	51	4,459	15	17	0.3%	113%	4,350	1,207	1,225	995
Apr-23	Mymensigh	Netrokona	49%	76%	88%	94%	0.77	50	11,445	120	15	1.0%	13%	5,519	1,575	1,550	1175
Apr-23	Dhaka	Faridpur	75%	67%	81%	88%	0.78	49	5,849	10	10	0.2%	100%	2,653	665	658	554
Apr-23	Rajshahi	Natore	62%	89%	86%	76%	0.78	48	4,841	20	5	0.4%	25%	3,670	847	849	464
Apr-23	Chattogram	Bandarban	44%	84%	90%	100%	0.80	47	633	4	0	0.6%	0%	1,227	230	231	215
Apr-23	Rangpur	Kurigram	59%	77%	78%	107%	0.80	46	7,314	67	21	0.9%	31%	5,448	775	775	651
Apr-23	Rajshahi	Chapai Nababganj	77%	81%	75%	93%	0.81	45	4,010	27	3	0.7%	11%	3,160	375	362	270

- Among the 20 lowest performing Districts: 11 districts from Dhaka, 3 districts from Mymensingh, 1 district from Rangpur, 1 district from Chattogram, 1 district from Sylhet and 3 districts from Rajshahi division.

Thank You