National Center for HIV/AIDS, Dermatology and STDs (NCHADS)

របាយការណ៍ប្រចាំឆ្នាំ ស្ដីពីការគ្រប់គ្រងករណីអេដស៍សកម្ម ប្រចាំ ឆ្នាំ ២០២៣

B-IACM Annual Report 2023

I. Introduction:

The objective of B-IACM: To leverage existing strategies and approaches for case detection, early/immediate enrolment, and retention in HIV care and treatment to reach the following targets: By 2020: 90% people with HIV know their status; 90% of these are on treatment; and 90% of these have suppressed viral load; and by 2025: 95% people with HIV know their status; 95% of these are on treatment; and 95% of these have suppressed viral load.

B-IACM has been a cornerstone strategy for the national HIV program. With the objective of B-IACM to leverage existing strategies and approaches for case detection, immediate ART enrolment and retention in HIV care to achieve the global 95-95-95 targets by 2025.
B-IACM was initiated in 2014 in Siem Reap and Battambang provinces and scaled up to 25 provinces (56 operational districts) by the end of 2020.

The Group of Champion (GoC) has play very important role in coordinating and networking and information sharing for implementation of Boosted Integrated Active Case Management. (B-IACM) As the member of GoC, the Case Management Coordinator (CMC) and Case Management Assistant (CMA), have actively work in routine for collecting data and record in database as well as.

II. COVERAGE of B-IACM

The B-IACM coverage is in 25 provinces (60 ODs)

III. The achievement

The achievement of B-IACM from Jan to Dec 2023, the data shows that there were totally **4,752** reactive cases of HIV in health centers, health facilities and communities. Of these, reactive cases received for the confirmatory test at VCCT, with among the confirmed test at VCCT, there were **4,680 (98.94%)** cases positive and **4,571 (97.67%)** were enrolled in ART services.

B-IACM HIV Cascade Jan - Dec 2023
(25 Provinces, 60 ODs)
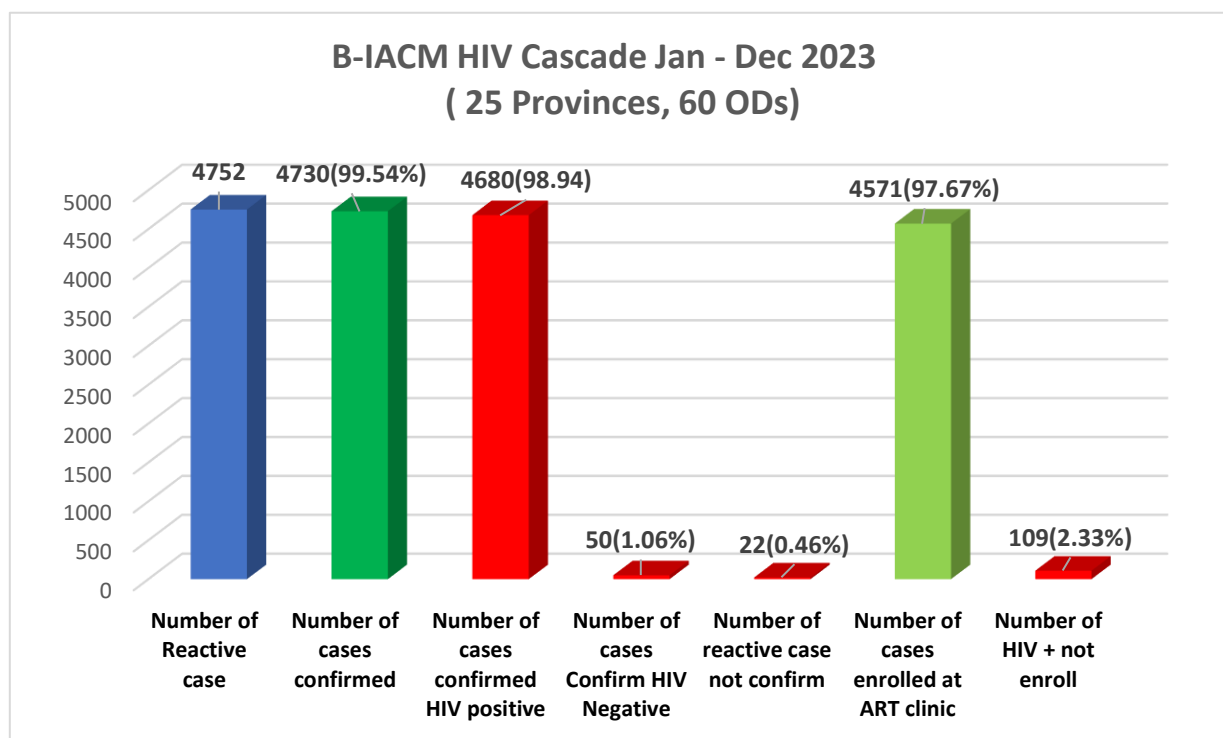
The chart below shows about the B-IACM HIV cascade by quarter 2023 (25 Provinces, 60 ODs)

B-IACM HIV Cascade by Quarter, Jan-Dec, 2023
(25 Province, 60 ODs)
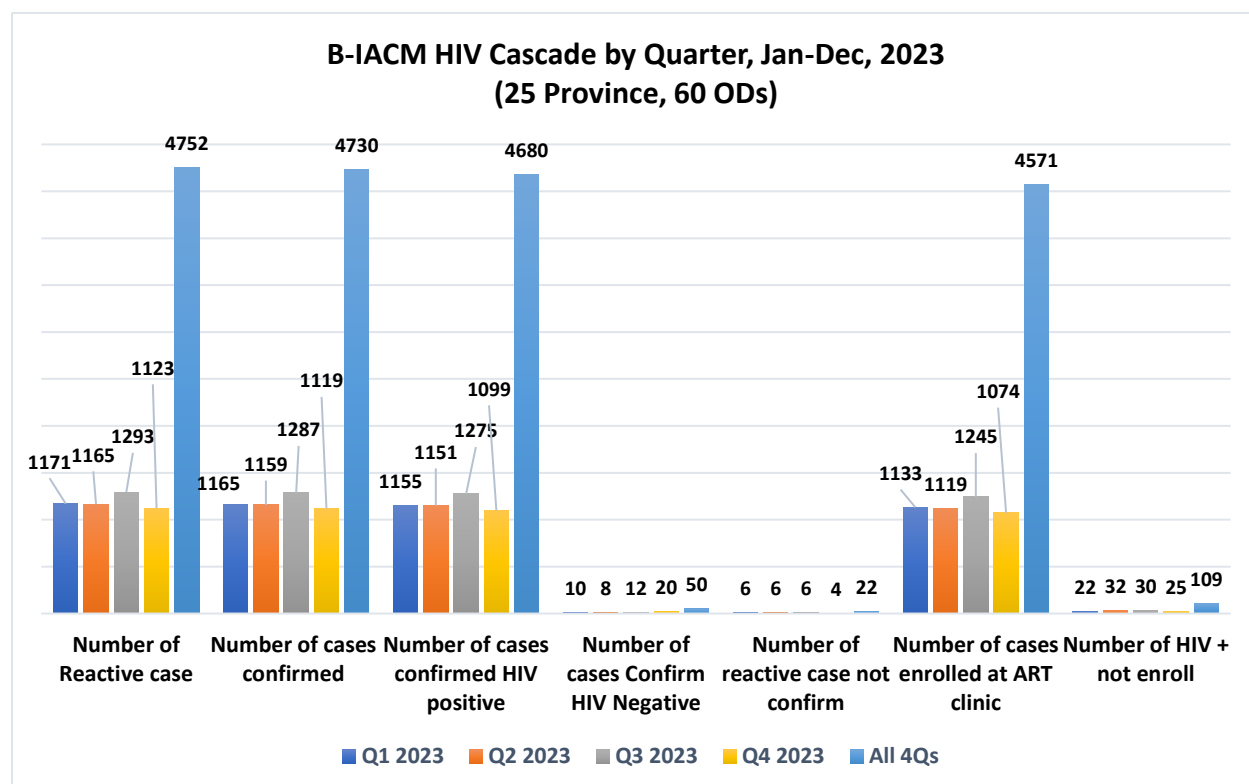
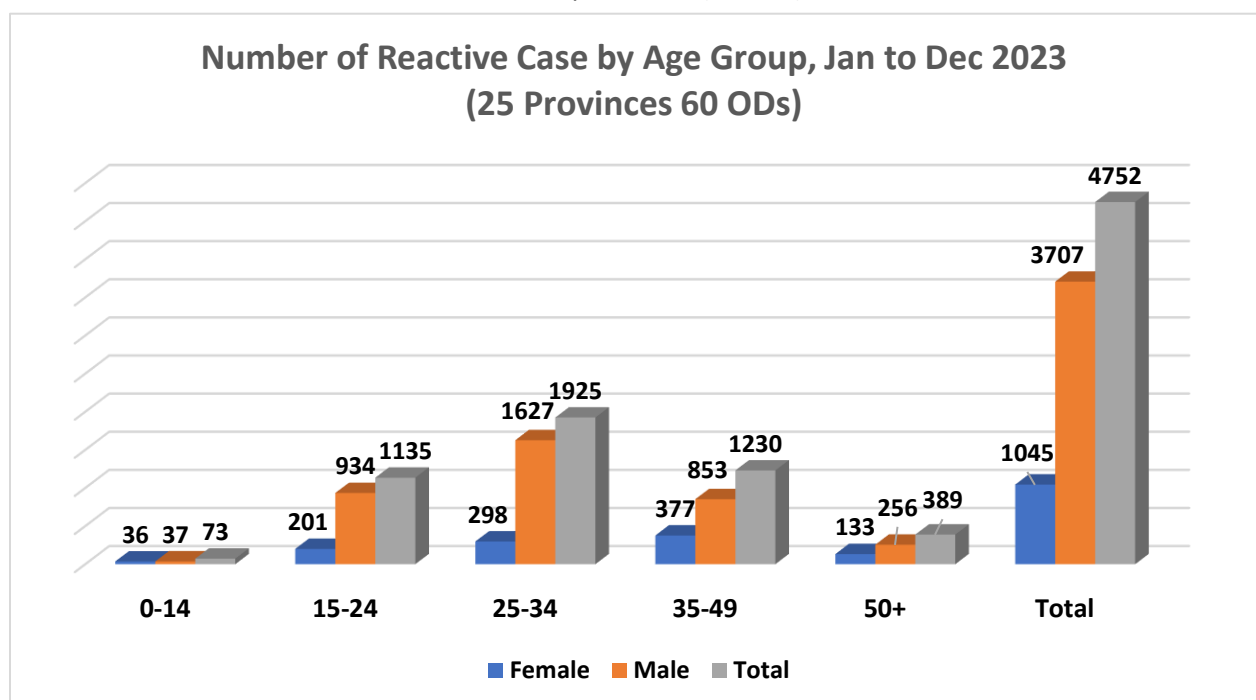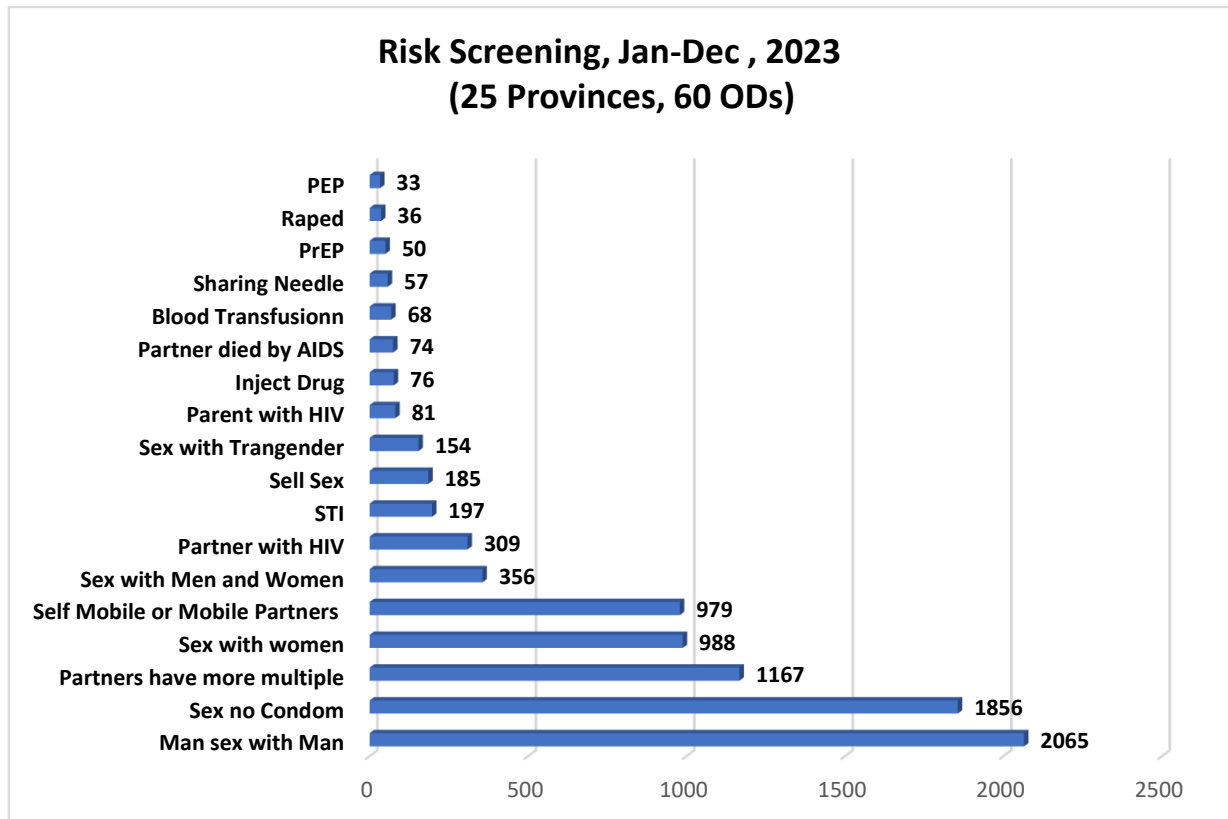The chart below is shown the Reactive Cases classified by Client Type. Among **4,752** cases with a reactive result, of **42 % (N=2,011)** are a general population, followed by MSM is **40 % (N=1,870),** TG: **8 % (N=395)**, EW: **4 % (N=167)** , HIV+ partners is **3% (N=144),** Pregnant Women **is 2 % (N=97),** TB **1% (N=42)**, PWID is **0 % (N=15)**, PWUD is **0 % (N=9)** and STD is **0 % (N=2),**

TYPE OF CLIENT, JAN-DEC 23
(25 PROVINCES, 60 ODS)

Pregnant Women, 97, (2%)

HIV Partner, 144, (3%)

EW, 167, (4%)

Transgender, 395, (8%)

TB, 42, (1%)   PWID, 15, (0%)

PWUD, 9, (0%)

STI, 2, (0%)

General Population, 2011, (42%)

MSM, 1870, (40%)
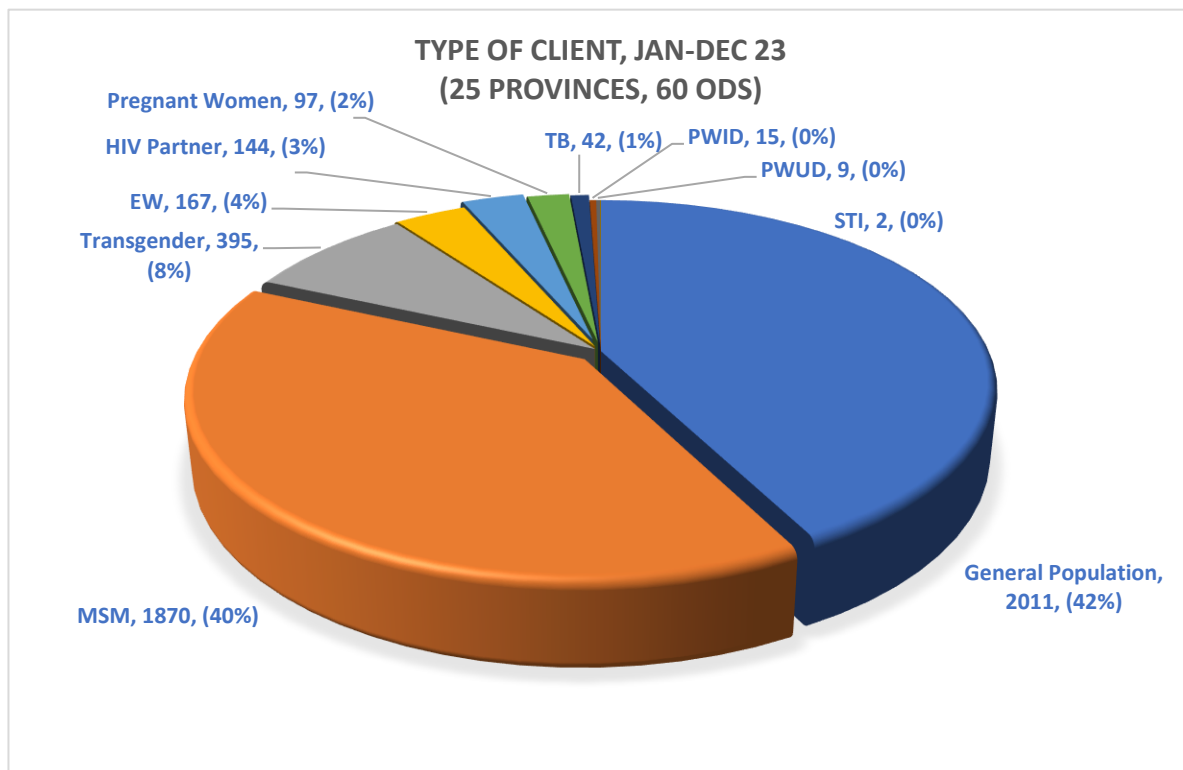
The chart below shows the number of HIV Reactive Case classified by group of age, from 0-14, 15-24, 25-34, 35-49 and 50 plus. The 25-34 of age group is higher than other age group. Data from Jan – December 2023 in 25 provinces. (60 ODs)

Number of Reactive Case by Age Group, Jan to Dec 2023
(25 Provinces 60 ODs)

Age Group	Female	Male	Total
0-14	36	37	73
15-24	201	934	1135
25-34	298	1627	1925
35-49	377	853	1230
50+	133	256	389
Total	1045	3707	4752

■ Female ■ Male ■ Total

The chart shows about the Risk Screening of reactive group, we found that clients have experienced with risk behavior Men who have sex with men (MSM), their risk that having Sex without using condom, their partners have more multiple partners, experienced sex with women and man were among the top risk of risk behavior screening.

Risk Screening, Jan-Dec , 2023
(25 Provinces, 60 ODs)

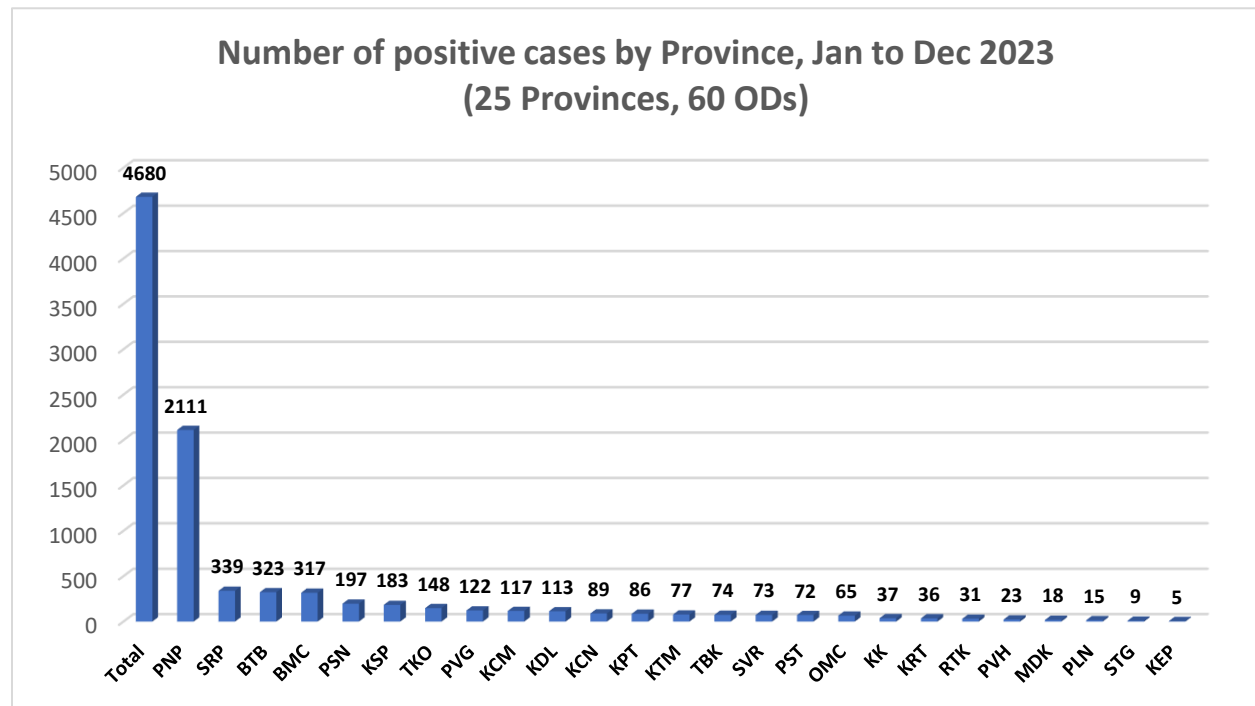| Category	Value
PEP	33
Raped	36
PrEP	50
Sharing Needle	57
Blood Transfusionn	68
Partner died by AIDS	74
Inject Drug	76
Parent with HIV	81
Sex with Trangender	154
Sell Sex	185
STI	197
Partner with HIV	309
Sex with Men and Women	356
Self Mobile or Mobile Partners	979
Sex with women	988
Partners have more multiple	1167
Sex no Condom	1856
Man sex with Man	2065

The Chart below shows the place where clients access for HIV testing (25 provinces, 60 ODs)

PLACE OF TEST, JANUARY-DECEMBER, 2023
(25 PROVINCES, 60 ODS)

- RH Other Service, 182, 4%
- RH TB Ward, 16, 1%
- RH Blood Bank, 13, 0%
- RH Maternity, 13, 0%
- RH STI Service, 9, 0%
- Health Center, 342, 7%
- Other, 361, 8%
- Comnunity(KP), 1675, 35%
- RH VCCT (Walk-In), 2141, 45%
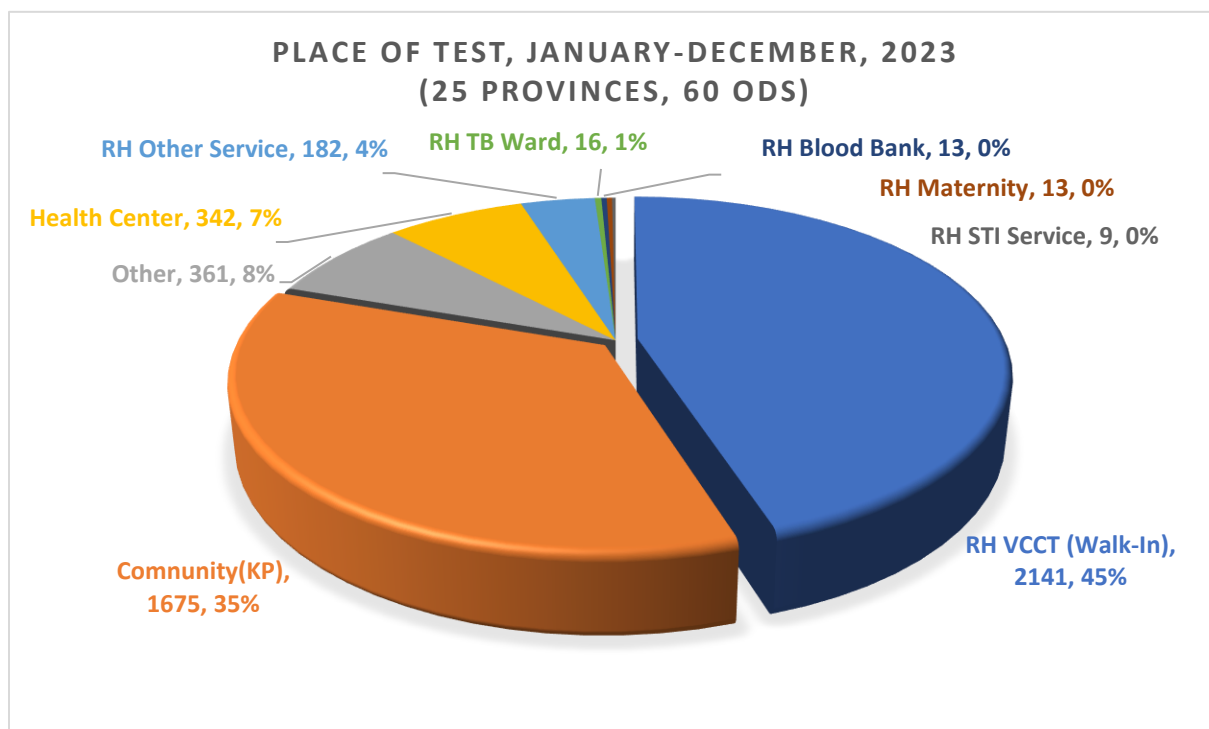
The Chart below shows about the HIV positive cases by provinces, (25 provinces: 60 ODs) Among the 25 provinces, Phnom Penh, the highest positive cases and followed by Siem Reap, Battambang, Banteay Meanchey, Preah Sihanouk Ville, Kampong Spue, Takeo...et and Kep has only 5 positive cases for the whole year.

Number of positive cases by Province, Jan to Dec 2023 (25 Provinces, 60 ODs)

Province	Cases
Total	4680
PNP	2111
SRP	339
BTB	323
BMC	317
PSN	197
KSP	183
TKO	148
PVG	122
KCM	117
KDL	113
KCN	89
KPT	86
KTM	77
TBK	74
SVR	73
PST	72
OMC	65
KK	37
KRT	36
RTK	31
PVH	23
MDK	18
PLN	15
STG	9
KEP	5

Workshop/Trainings:

For capacity building, reviewing, and sharing the progression of B-IACM implementation in 25 provinces with 60 Operational Health District. The Workshop and Training have been conducted to build capacity of B-IACM implementers and review the achievements of the implementation of Boosted Integrated Active Management and reflect to the challenges and solution of B-IACM Implementation and the implementation of Point of Care, POC.

No	Topic	When	Where	Participants	Source
1	"POC project launch and project consultation workshop to provide overview to the POC project and discussion on project work"	27 January 2023,	Sunway Hote, Phnom Penh	for senior hospital staff from 15 Referral Hospitals for participants of Hospital Director, Head of ART, Head of Maternity and Head of Lab from Tbong Khmum, Stung Treng, Ratanakiri, Siem Reap, Banteay Meanchey, Pailin, Battambang, Takeo, Kampot, Kampong Speu, Kampong Cham and Preah Sihanouk.	Global Fund
2	"Point-of-care for HIV viral load for pregnant and	06-07, February 2023,	Kampong Cham Province	The participants of PASP, ART Clinician, ART Blood Collector TB Lab Staff, and Maternity	Global Fund

	breastfeeding women and exposed infants using GeneXpert"			Staff from Tbong Khmum, Stung Treng, Ratanakiri, Siem Reap	
3	"Point-of-care for HIV viral load for pregnant and breastfeeding women and exposed infants using GeneXpert"	09-10, February 2023,	Kampot Province	The participants of PASP, ART Clinician, ART Blood Collector TB Lab Staff, and Maternity Staff from Takeo, Kampot, Kampong Speu, Kampong Cham and Preah Sihanouk	Global Fund
4	"Point-of-care for HIV viral load for pregnant and breastfeeding women and exposed infants using GeneXpert"	23-24, February, 2023	Battambang Province	The participants of PASP, ART Clinician, ART Blood Collector TB Lab Staff, and Maternity Staff from Battambang. Banteay Meanchey, and Pailin	Global Fund
5	Training workshops on "VL Testing algorithm, BDS and tool to ANC and Maternity staff"	26 June,2023	Kampong Cham Province	The participants of PASP, CMC, CMA, ART Clinician, Maternity and Lab staff (80 Pats) From 10 Provinces: BMC, BTB, KSP, PLN, SHV, RTK, SRP, STG, TKO and TBK.	Global Fund
6	Training workshops on "VL Testing algorithm, BDS and tool to ANC and Maternity staff"	29 June, 2023	Takeo Province	The participants of PASP, CMC, CMA, ART Clinician, Maternity and Lab staff (80 Pats). From 10 Provinces: KCM, KCN, KPT, KTM, KDL, KK, KRT, PVG, PST and SRG.	Global Fund
7	B-IACM Annual Meeting	31 Aug–01 Sep, 2023	Kampong Cham Province	The participants of Provincial AIDS and STD Program, PASP, Case Management Coordinator and Case Management Assistant, CMA with 63 Participants from 21 Provinces: Kampong Cham, Kampot, Kampong Speu, Kampong Chhnang, Kampong Thom, Kep, Kratie, Kandal, Koh Kong, Mondulkiri, Ratanakiri, Oddor Meanchey, Pailin, Preah Vihear, Prey Veng, Preah Sihanouk, Pursat, Stung Treng, Svay Rieng, Takeo, and Tbong Khmum which it has covered 47 ODs.	Global Fund
8	The refresher training on "B-IACM Database Tools"	22-23 Nov, 2023	Kampot Province	The participants of Provincial AIDS and STD Program, PASP, Case Management Coordinator and Case Management Assistant, CMA with 75 Participants from 10 Provinces: Battambang, Banteay Meanchey, Phnom Penh, Siem Reap, Pursat, Preah Sihanouk, Kampong Chhnang, Kampong Cham, Prey Veng and Takeo, covered 32 ODs.	Global Fund

| 9 | Workshop on review POC PMTCT project implementation | 18 Dec 2023. | Takeo Province | The participants of Lab Staff, Maternity Staff, and Data Entry Clerk with totally 34 participants from 12 provinces: Banteay Meanchey, Battambang, Kampong Cham, Kampong Speu, Kampot, Pailin, Ratanakkiri, Siem Reap, Stung Treng, Takeo, Tbong Khmum and absent Sihanoukville. Covered 15 of Provincial and Referral Hospitals. | Global Fund |

IV. Challenges:

Although all activities have been implemented and achieved in this quarter, some issues have hampered the implementation and facing challenges as indicated in the following:

- The B-IACM has been scaling up covering the national wide in 25 provinces from 56 to 60 ODs, but GFATM grant 2021-2023 did not approved for B-IACM/P4R activities this impact for implementation B-IACM activities especially GoC meeting at ODs and provincial level for effectively coordinating and monitoring on B-IACM Implementation.
- Computers are very essential for database and data entry. Some of the OD sites, the computers are old which it is run slow and do not support with new version of B-IACM Database and there are not available computers in the new sites.

V. Next Plan.

The B-IACM Team will be ongoing to provide technical support as indicated in the following:

- Ongoing provide technical support to selected ODs especially new sites and sites with low performance.
- Provide technical support and coordination work with Group of Champion (GoC) for effectively coordinating on B-IACM Implementation.
- On site coaching by field trips, phone call or online to CMCs, CMAs (new and old) on how to perform data entry corrected.
- Conduct the Refresher training on B-IACM database and tool for new sites.
- Conduct B-IACM annual network meeting
- Provide technical support and coordination work with Group of Champion (GoC) for effectively coordinating on B-IACM Implementation and Monitoring and Coaching for ACM & CQI Interlink.

Date 22 January 2024

Seen and Approved Director of NCHADS	Checked by	Verified by	Prepared by
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National Center for HIV/AIDS, Dermatology and STD
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(B-IACM Annually report)

Annual:			Year				2023	
Nº	Province	OD Name	Indicators					
			Number of Reactive case	Number of cases confirmed HIV positive	Number of cases Confirm HIV Negative	Number of reactive case not confirm	Number of cases enrolled at ART clinic	Number of HIV + not enroll
1	Battambang	Battambang	221	208	11	2	182	26
2		Sangke	11	11	0	0	11	0
3		Moung Russey	25	25	0	0	25	0
4		Thmor Kol	36	36	0	0	36	0
5		Sampov Loun	43	43	0	0	42	1
		Total	336	323	11	2	296	27
6	Kampong Cham	Kampong Cham	84	84	0	0	84	0
7		Choeung Prey	13	13	0	0	13	0
8		Chamka Leu	9	9	0	0	9	0
9		Srey Santhor	7	7	0	0	7	0
10		Batheay	4	4	0	0	4	0
		Total	117	117	0	0	117	0
11	Pailin	Pailin	15	15	0	0	15	0
		Total	15	15	0	0	15	0
12	Siem Reap	Siem Reap&AKC	297	285	11	1	284	1
13		South Nikom	38	38	0	0	38	0
14		Kralanh	16	16	0	0	16	0
		Total	351	339	11	1	338	1
15	Oddor Meanchey	Samrong	37	36	1	0	36	0
16		Anlong Veng	29	29	0	0	29	0
		Total	66	65	1	0	65	0
17		Chaktomok	918	904	11	3	873	31

18	Phnom Penh	Pursenchey	149	149	0	0	149	0
19		Mekong	638	622	7	9	614	8
20		Dangkor	174	174	0	0	173	1
21		Bassac	271	262	3	6	261	1
		Total	2150	2111	21	18	2070	41
22	Banteaymeanchey	Mongkul borey	125	124	1	0	122	2
23		Poi Pet	142	141	1	0	134	7
24		Thmor Pouk	22	22	0	0	22	0
25		Phrehnet Phreah	30	30	0	0	30	0
		Total	319	317	2	0	308	9
26	Pursat	Sampov Meas	61	60	1	0	60	0
27		Bakan	2	2	0	0	2	0
28		Phnom Kravanh	10	10	0	0	10	0
		Total	73	72	1	0	72	0
29	Sihanouk Ville	Sihanouk	198	197	1	0	194	3
		Total	198	197	1	0	194	3
30	Kampong Thom	Kampong Thom	53	53	0	0	53	0
31		Baray and Santuk	24	24	0	0	24	0
		Total	77	77	0	0	77	0
32	Kampong Speu	Kampong Speu	132	132	0	0	132	0
33		Kong Pisey	27	27	0	0	23	4
34		Odong	24	24	0	0	22	2
		Total	183	183	0	0	177	6
35	Kampot	Kampot	63	63	0	0	63	0
36		Kampong Trach	23	23	0	0	22	1
		Total	86	86	0	0	85	1
37	Takeo	Daunkeo	82	82	0	0	79	3
38		Kirivong	25	25	0	0	25	0
39		Angrokar	21	21	0	0	21	0
40		Preykabas	20	20	0	0	18	2
		Total	148	148	0	0	143	5
41	Koh Kong	Smach Mean Chey	29	29	0	0	24	5
42		Sre Ambel	8	8	0	0	6	2
		Total	37	37	0	0	30	7
43	Kandal	Kien Svay	14	14	0	0	14	0
44		Koh Thom	10	10	0	0	10	0
45		Cheay Chumneah	89	89	0	0	89	0
		Total	113	113	0	0	113	0

46	Kampong Chhnang	Kg Chhnang	73	71	2	0	71	0
47		Kg Tralach	18	18	0	0	18	0
		Total	91	89	2	0	89	0
48	Preah Vihear	Tbeng Meanchey	24	23	0	1	23	0
		Total	24	23	0	1	23	0
49	Svay Rieng	Svay Rieng	62	62	0	0	53	9
50		RomeasHek	11	11	0	0	11	0
		Total	73	73	0	0	64	9
51	Tbong Khmum	Suong	57	57	0	0	57	0
52		Memut	17	17	0	0	17	0
		Total	74	74	0	0	74	0
53	Prey Veng	Prey Veng	51	51	0	0	51	0
44		Pea Reang	19	19	0	0	19	0
55		Peam Ror	52	52	0	0	52	0
		Total	122	122	0	0	122	0
56	Kep	Kep	5	5	0	0	5	0
		Total	5	5	0	0	5	0
57	Kratie	Kratie	36	36	0	0	36	0
		Total	36	36	0	0	36	0
58	Stung Treng	Stung Treng	9	9	0	0	9	0
		Total	9	9	0	0	9	0
59	Mondulkiri	Sen Monorom	18	18	0	0	18	0
		Total	18	18	0	0	18	0
60	Ratanakiri	Ban Lung	31	31	0	0	31	0
		Total	31	31	0	0	31	0
		Total	4752	4680	50	22	4571	109
				98.48 %	1.05 %	0.46 %	97.67 %	2.33 %

Phnom Penh, 22 January, 2024

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