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

របាយការណ៍ប្រចាំឆ្នាំ
ស្ដីពីការគ្រប់គ្រងករណីអេដស៍សកម្ម
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B-IACM Annual Report, 2020

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

II.   COVERAGE of B-IACM

Up to 2020, B-IACM has been scaling up to 25 provinces and implementing in 56 operational districts. As planned, there are 5 remaining provinces had been reached to complete national wide. The new provinces which has been covered in July 2020 was **Kep, Kratie, Stung Treng, Rattankiri and Mondulkiri.**

The covered of B-IACM implementing 2014-2019

YEAR 2014, 08 PROVINCES (16 ODs)   *YEAR 2015-2017, 09 PROVINCES (18-31 ODs)*
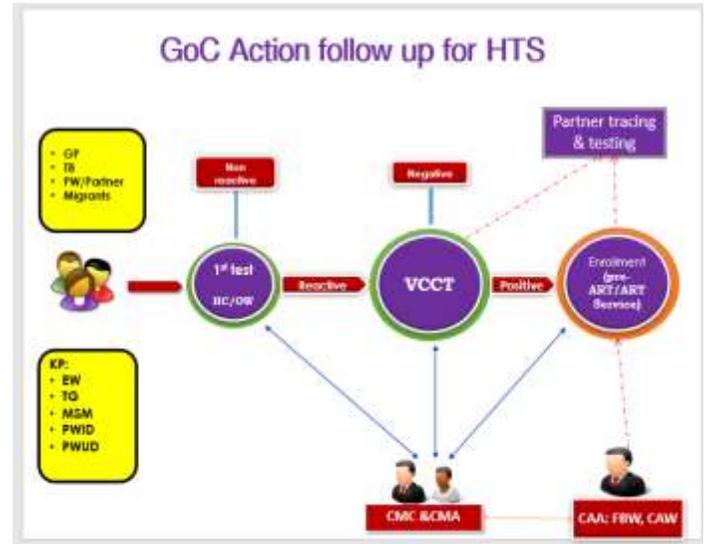
YEAR 2018, 14 PROVINCES (38 OD)

YEAR 2019, 20 PROVINCES (51 ODs)
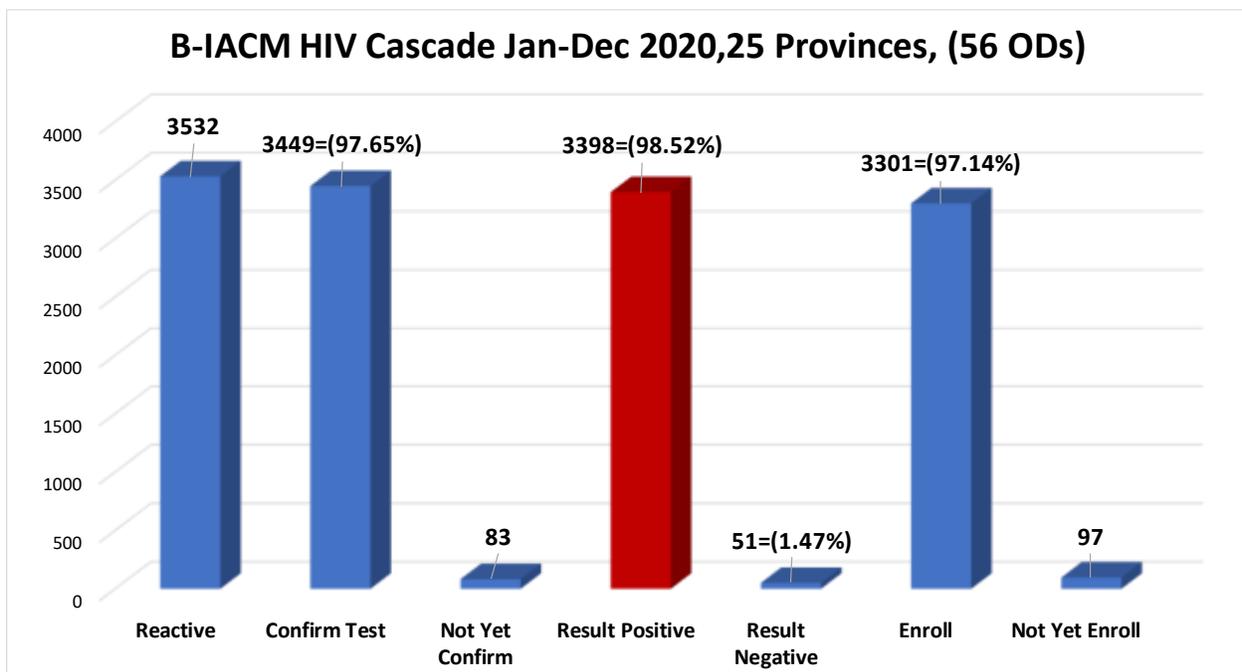
25 PROVINCES (56 ODs)

The B-IACM models work across the current strategies and population channels to locate and bring all PLHIV into the HIV care cascade. Enveloping the HIV care cascade is B-IACM coordinated through an OD Case Management Coordinator (CMC) in collaboration with the Group of Champions.
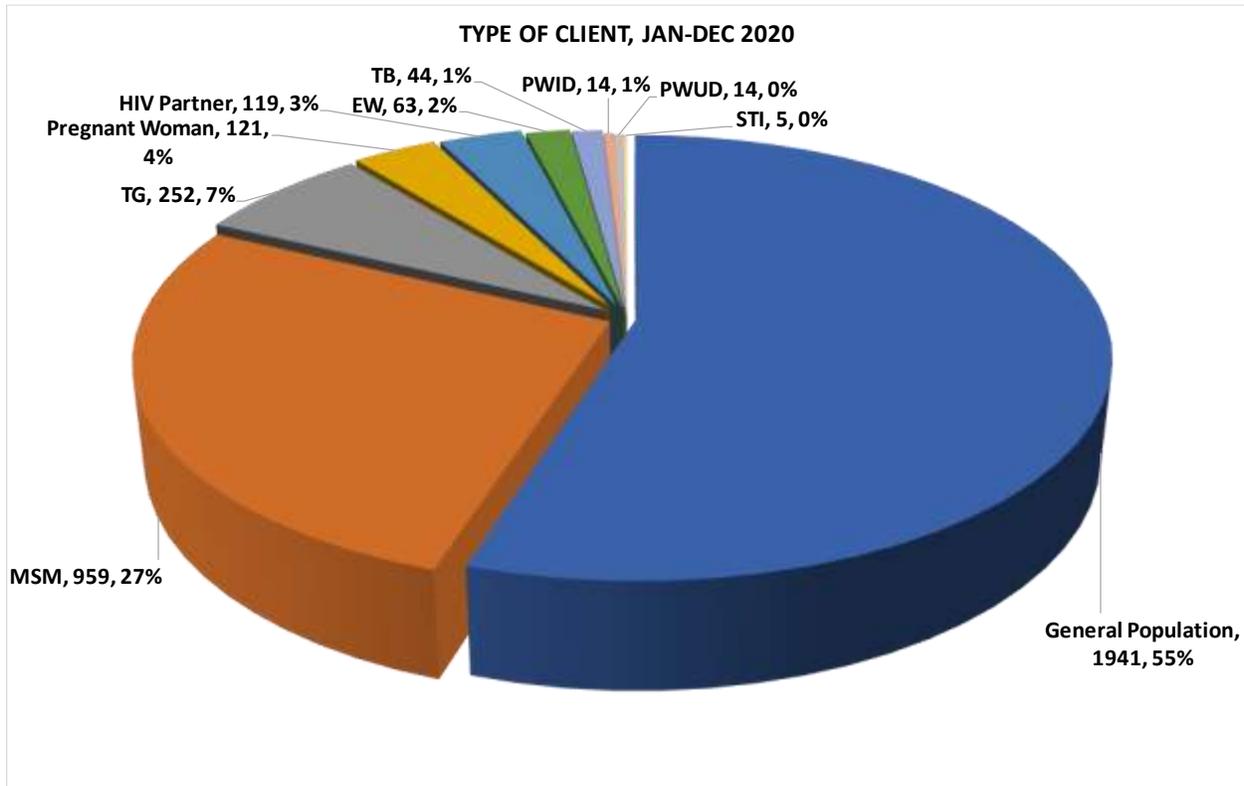

III. The achievement

The achievement of B-IACM from Jan to Dec 2020, the data shows that there were totally **3,532** reactive cases of HIV in health centers and communities. Of these, **3,449 (97.65%)** reactive cases received for the confirmatory test at VCCT, among the confirm test at VCCT, there were **3,398(98.52%)** cases positive and **3,301 (97.14%)** were enrolled in ART services.
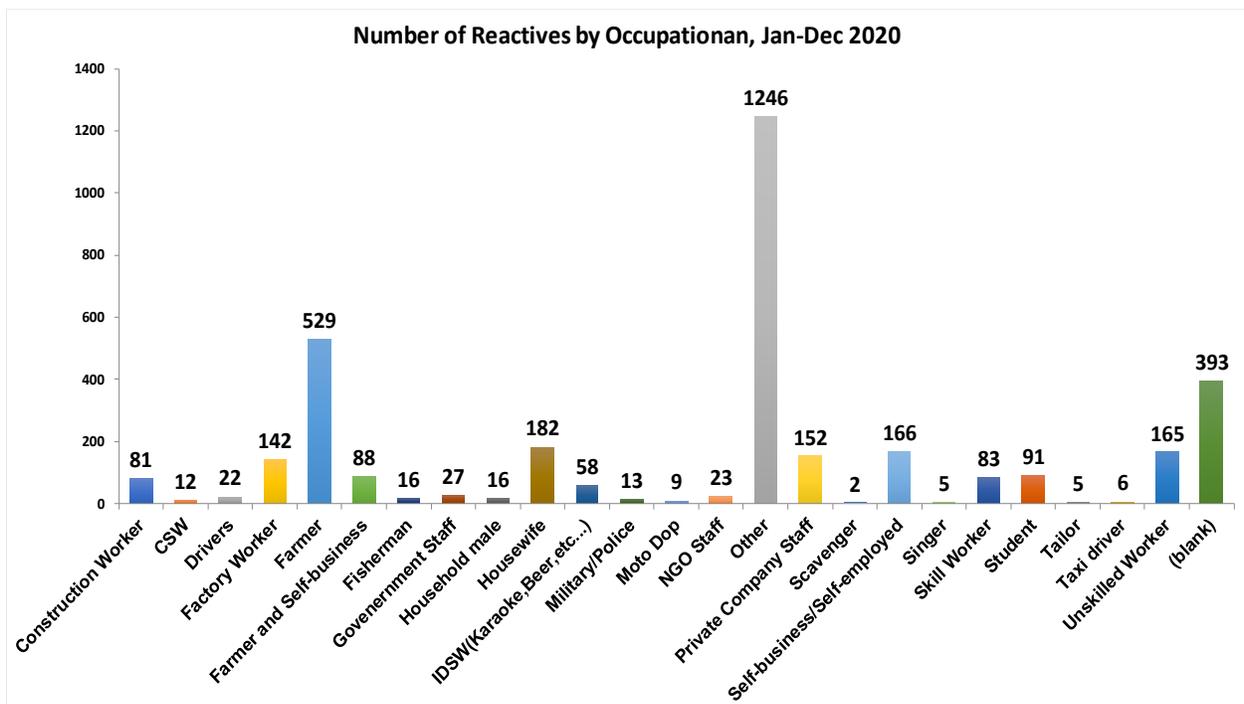
For the new site **of Kep, Kratie, Stung Treng, Rattankiri and Mondulkiri** provinces, the data have just been available and collected only in quarter 4 2020.

Among **3,532** cases with a reactive result, of **55% (N=1941)** are a general population, followed by MSM is **27% (N=959), TG: 7 % (N=252**), followed by Pregnant Women **is 4% (N=121)** and HIV+ partners is **3% (N=119)**, EW**: 2%3(N=63),** TB **1%(N=44),** PWID and PWUD is **1%(N=14)**
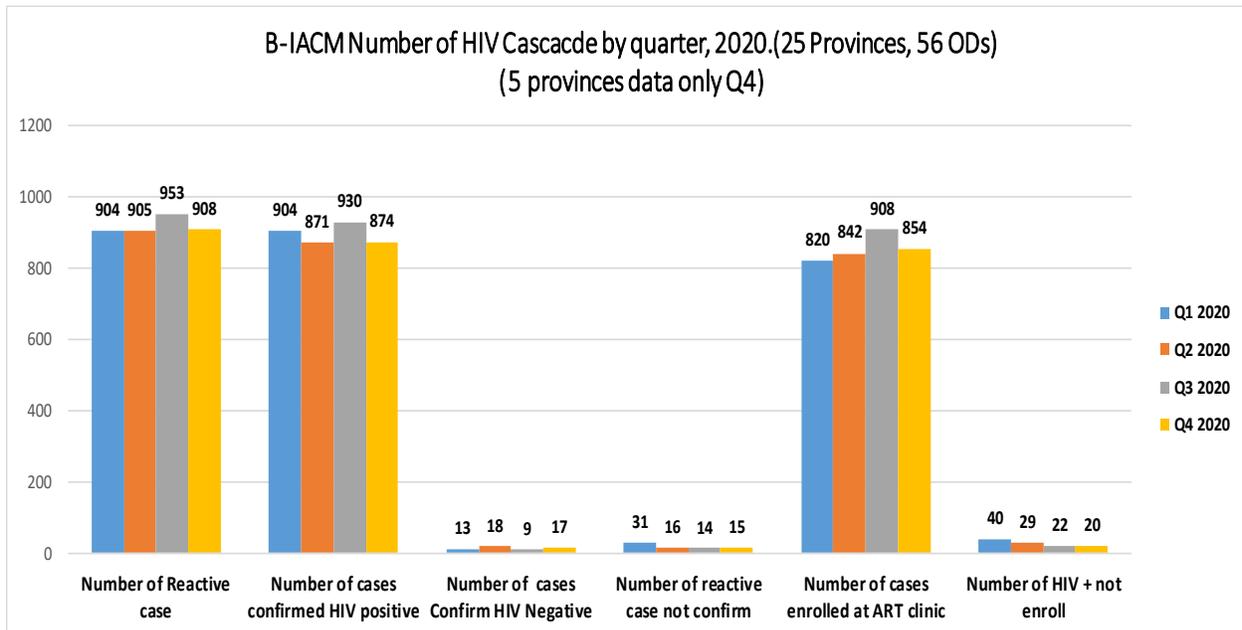
TYPE OF CLIENT, JAN-DEC 2020

Numbers of HIV reactive Cases by Occupation, Jan-Dec, 2020. 25 Provinces (56 ODs.)
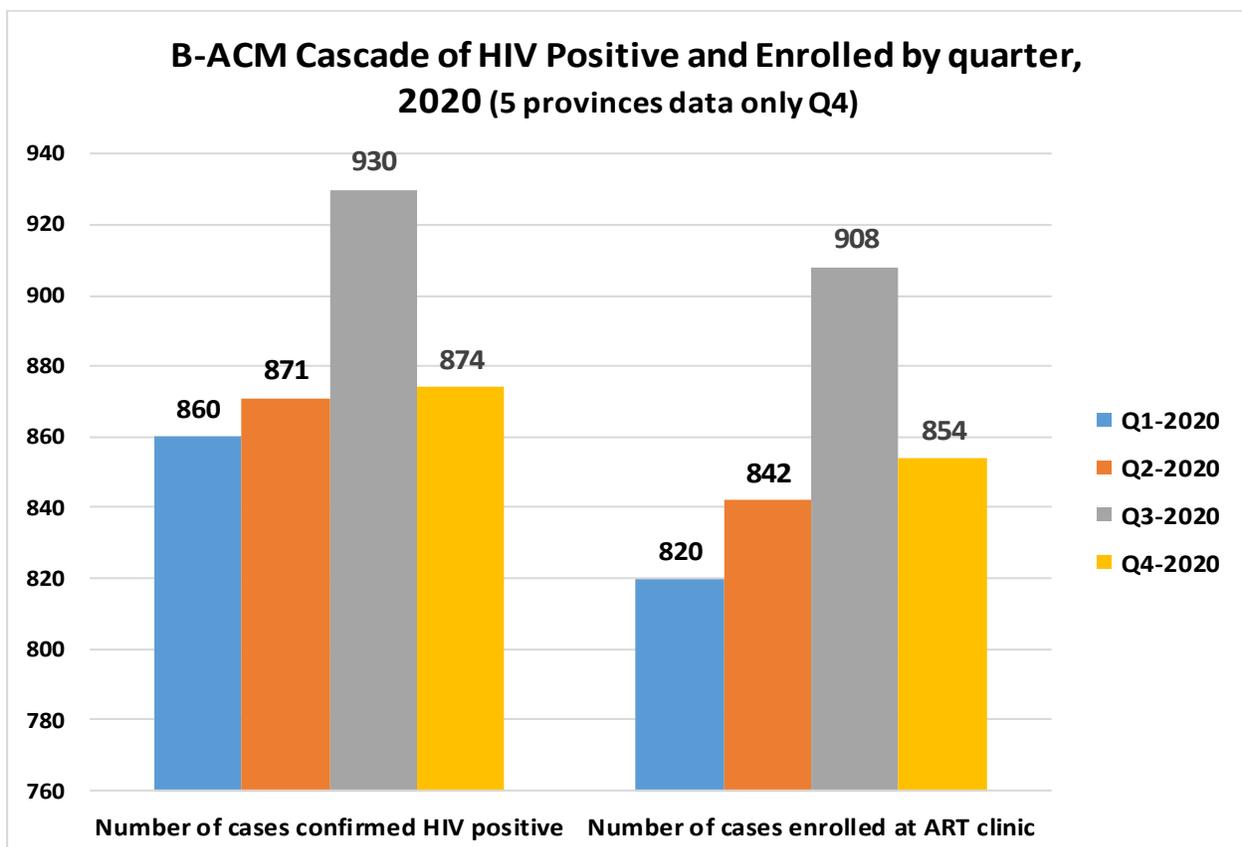
The Chart shows about the B-IACM HIV cascade by quarter, 2020 (25 provinces: 56 ODs)

For the new site **of Kep, Kratie, Stung Treng, Rattankiri and Mondulkiri** provinces, the data are available only in quarter 4 ,2020.
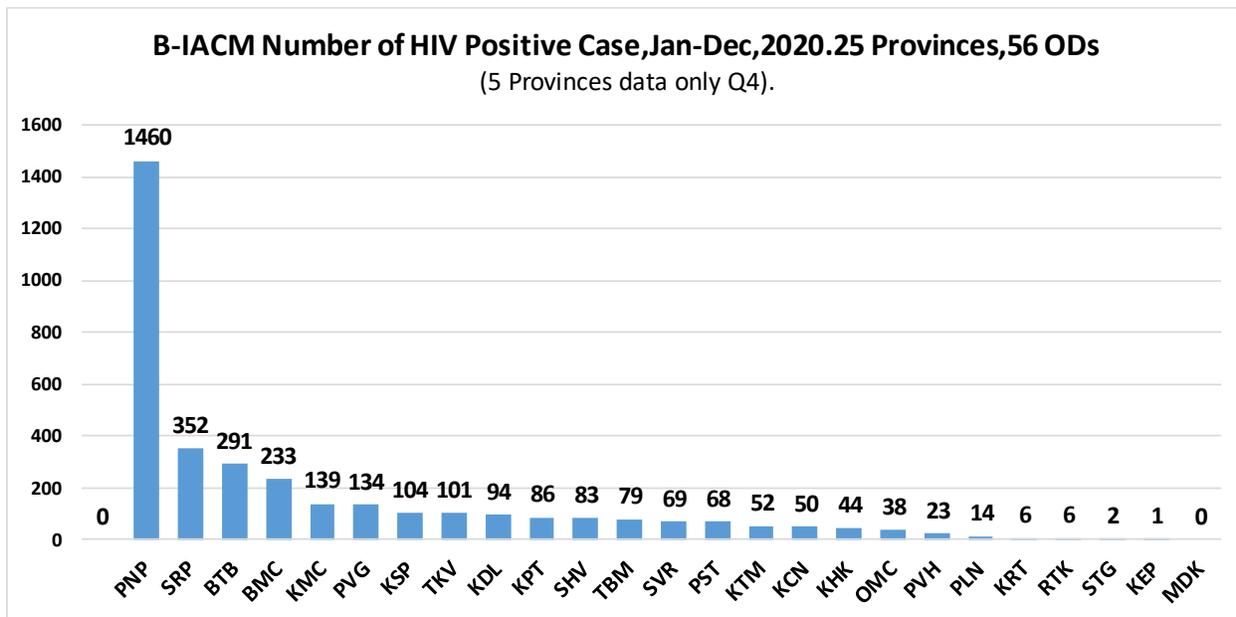

B-IACM HIV cascade for Number cases confirmed HIV positive and number of case enrolled at ART clinic, by quarter, 2020 (25 provinces: 56 ODs)

The Chart below shows HIV positive cases by provinces, 2020, (25 provinces: 56 ODs)

Among the 25 provinces, Phnom Penh, the highest positive case and following by 2 Siem Reap, Battambang, Banteay Meanchey, Kampong Cham, Prey Veng, ..et , for Kratie, Rattanakiri, Stung Treng, Kep and Mondulkiri are only in Q4, 2020.

B-IACM Number of HIV Positive Case,Jan-Dec,2020.25 Provinces,56 ODs
(5 Provinces data only Q4).

Values: PNP 0, 1460, SRP 352, BTB 291, BMC 233, KMC 139, PVG 134, KSP 104, TKV 101, KDL 94, KPT 86, SHV 83, TBM 79, SVR 69, PST 68, KTM 52, KCN 50, KHK 44, OMC 38, PVH 23, PLN 14, KRT 6, RTK 6, STG 2, KEP 1, MDK 0

The table below is the HIV Cascade from Jan-Dec, 2020. 25 Provinces (56 OD)

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(B-IACM Quarterly report)

Quarter:		1+2+3+4			Year:		2020	
					Indicators			
№	Province	OD Name	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	231	193	12	26	181	12
2		Sangke	15	13	1	1	12	1
3		Mongressey	34	34	0	0	34	0
4		Thmor Kol	17	17	0	0	17	0
5		Sampov Loun	36	34	1	1	34	0
		Total	333	291	14	28	278	13
6	Kampong Cham	Kampong Cham	111	109	0	2	103	6
7		Choeung Prey	9	9	0	0	7	2
8		Chamka Leu	14	14	0	0	14	0
9		Srey Santhor	7	7	0	0	7	0
		Total	141	139	0	2	131	8
10	Pailin	Pailin	14	14	0	0	14	0
		Total	14	14	0	0	14	0
11	Siem Reap	Siem Reap&AKC	320	292	19	9	281	11
12		South Nikom	46	44	2	0	44	0
13		Kralanh	19	16	2	1	16	0
		Total	385	352	23	10	341	11

14	Oddor Meanchey	Samrong	15	15	0	0	15	0
15		Anlong Veng	23	23	0	0	22	1
		Total	38	38	0	0	37	1
16	Phnom Penh	Chaktomok	953	920	6	25	910	10
17		Pursenchey	112	112	0	0	112	0
18		Mekong	250	250	0	0	241	9
19		Dangkor	64	64	0	0	64	0
20		Bassac	117	114	0	3	110	4
		Total	1496	1460	6	28	1437	23
21	Banteaymeanchey	Mongkul borey	129	127	2	0	120	8
22		Poi Pet	84	76	8	0	64	12
23		Thmor Pouk	13	13	0	0	13	0
24		Phrehnet Phreah	17	17	0	0	17	0
		Total	243	233	10	0	214	20
25	Pursat	Sampov Meas	69	68	1	0	62	6
		Total	69	68	1	0	62	6
26	Sihanouk Ville	Sihanouk	85	83	1	1	80	3
		Total	85	83	1	1	80	3
27	Kampong Thom	Kampong Thom	37	37	0	0	36	1
28		Baray	15	15	0	0	15	0
		Total	52	52	0	0	51	1
29	Kampong Speu	Kampong Speu	60	60	0	0	60	0
30		Kong Pisey	24	24	0	0	24	0
31		Odong	22	20	2	0	19	1
		Total	106	104	2	0	103	1
32	Kampot	Kampot	52	52	0	0	52	0
33		Kampong Trach	34	34	0	0	34	0
		Total	86	86	0	0	86	0
34	Takeo	Daunkeo	51	51	0	0	45	6
35		Kirivong	16	15	0	1	12	3
36		Angrokar	23	20	0	3	20	0
37		Preykabas	15	15	0	0	14	1
		Total	105	101	0	4	91	10
38	Koh Kong	Smach Mean Chey	38	38	0	0	37	1
39		Srey Ambel	6	6	0	0	6	0
		Total	44	44	0	0	43	1
40	Kandal	Kien Svay	13	12	0	1	12	0
41		Koh Thom	16	15	0	1	15	0
42		Cheay Chumneah	67	67	0	0	65	1
		Total	96	94	0	2	92	1
43	Kampong Chhnang	OD Kg Chhnang	51	51	0	0	51	0
		Total	51	51	0	0	51	0
44	Preah Vihear	OD Tbeng Meanchey	28	28	0	0	26	2
		Total	28	28	0	0	26	2
45	Svay Rieng	OD Svay Rieng	62	62	0	0	53	9
46		OD RomeasHek	7	7	0	0	7	0
		Total	69	69	0	0	60	9
47	Tbong Khmum	OD Suang	62	62	0	0	62	0
48		OD Memut	17	17	0	0	16	1
		Total	79	79	0	0	78	1
49	Prey Veng	OD Prey Veng	55	55	0	0	55	0
50		OD Pea Reang	20	20	0	0	20	0
51		OD Peam Ror	59	59	0	0	59	0
		Total	134	134	0	0	134	0
52	Kep	OD Kep	1	1	0	0	1	0
		Total	1	1	0	0	1	0
53	Kratie	OD Kratie	6	6	0	0	6	0
		Total	6	6	0	0	6	0
54	Stung Treng	OD Stung Treng	3	2	0	1	2	0
		Total	3	2	0	1	2	0
55	Mondulkiri	OD Mondulkiri	0	0	0	0	0	0
		Total	0	0	0	0	0	0
56	Ratanakiri	OD Ratanakiri	6	6	0	0	6	0
		Total	6	6	0	0	6	0
		Total	3670	3535	57	76	3424	111
				96.32 %	1.55 %	2.07 %	96.86 %	3.14 %

IV. Challenges:

By verifying the data reported in the B-IACM Database and the P4R report; The program has found that the P4R report were about **138** reactive cases higher than data in B-IACM databases in the past 12 months. The difference is due to some ODs without CMA contracted (Thamor Pouk and Preahnet Preas).

AS Scaling up the B-IACM coverage but do not increase the budget. Some provinces, computers are old do not support with new version of B-IACM Data base, as the result of running slowly and report to NCHADS is not in timely. There is still shortage of computers for some of ODs for using in B-IACM database, especially in 5 new site provinces, Kep, Kratie, Stung Treng, Rattanakiri and Mondulkiri.

Solutions: To tackle with an issue, B-IACM team has been contacting each OD for verification. Additionally, the programmer will also look at all codes used to extract data from the database by doing so, we do expect the problem will solve. Updated the new version for B-IACM database for CMC, CMA.

IV.   Next Step

The B-IACM Team will conduct the annual network workshop and refresher training on B-IACM toll and database to improve the data quality and as well the strengthening support on GoC management for 25 provinces with 56 ODs.
- Provide technical support to selected ODs especially new sites. sites (Kep, Kratie, Stung Treng, Rattanakiri and Mondulkiri).
- Provide ongoing on-site coaching to CMCs, CMAs (new and old) on how to perform data entry, Be pro-active to feedback on data quality.
- Refresher training on B-IACM database
- Be pro-active to feedback on data quality on a regular basis using pre-defined tool to detect completeness, consistency and accuracy of the data.
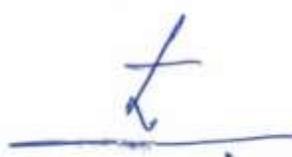
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