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# FACILITY RESOURCE ASSESSMENT

**BASELINE ASSESSMENT OF TARGETED PRIMARY HEALTH  
CARE FACILITIES IN LORI AND SHIRAK MARZES**

**2006**



December, 2008

**DISCLAIMER**

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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This publication is made possible by the support of the United States Agency for International Development (USAID). It was prepared by the Primary Health Care Reform (PHCR) Project, Armenia. The author's views expressed in this publication do not necessarily reflect the views of the USAID or the United States Government.

## Preface

The Primary Healthcare Reform (PHCR) project is a nationwide five-year (2005-2010) program funded by the United States Agency for International Development (USAID) under a contract awarded to [Emerging Markets Group, Ltd.](#) (EMG) in September 2005. The project's primary objective is the increased utilization of sustainable, high-quality primary healthcare services leading to the improved health of Armenian families. This objective is operationalized by supporting the Ministry of Health (MoH) to implement a package of six interventions that links policy reform with service delivery so that each informs the other generating synergistic effects. These six interventions address healthcare reforms and policy support (including renovation and equipping of facilities); open enrollment; family medicine; quality of care; healthcare finance; and public education, health promotion and disease prevention.

“What impact are these interventions having?” is a question frequently asked but less frequently funded. Fortunately, provision was made in the PHCR project to address the “impact” question. PHCR developed a set of six tools to monitor progress and evaluate results. Three of these tools are facility-based and are designed to assess changes through a pre-test and post-test methodology at 164 primary healthcare facilities and their referral facilities. Three other tools are population-based and are designed to assess changes for the whole of Armenia's population, using the same pre-test and post-test methodology.

This report summarizes the baseline facility resource assessment of targeted primary healthcare facilities in Lori and Shirak marzes (Zone 1). This baseline facility assessment gathered data for internal planning and provides a referent for future evaluation of project impact in Zone 1.

The Center for Health Services Research and Development of the American University of Armenia, one of the sub-contractors to EMG, has primary responsibility for PHCR monitoring and evaluation. Dr. Anahit Demirchyan, Ms. Tsovinar Harutyunyan, Dr. Varduhi Petrosyan, and Dr. Michael Thompson are the primary authors of this study. We would also like to thank Dr. Hripsime Martirosyan and Ms. Nune Truzyan for their valuable contribution to all stages of the study. We would also like to thank our interviewers (primary healthcare physicians in the target marzes) for their data collection efforts.

We trust that the findings of this study will be of value, both in improving health outcomes through more informed decision-making and in designing new projects. The report can be found on the PHCR website at [www.phcr.am](http://www.phcr.am). Comments or questions on this study are welcome and should be sent to [info@phcr.am](mailto:info@phcr.am).

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## List of Acronyms

AUA	American University of Armenia
AIDS	Acquired Immune Deficiency Syndrome
ARI	Acute Respiratory Illnesses
ASTP	Armenian Social Transition Project
BBP	Basic Benefits Package
BMC	Basic Medical College
CHC	Community Health Committee
CHD	Coronary Heart Disease
CHSR	Center for Health Services Research and Development
DMTA	Drug and Medical Technology Agency
DOTs	Directly Observed Treatment Short Course
EBM	Evidence-Based Medicine
EMG	Emerging Markets Group
FAP	Rural Health Post (from Russian abbreviation)
FM	Family Medicine
FN	Family Nursing
GP	General Practice
HC	Health Center
HIV	Human Immunodeficiency Virus
ICCO	International Child's Care Organization
IIZDW Peoples	The Institute of International Cooperation of the Consortium of German Peoples
IMCI	Integrated Management of Childhood Illnesses
IRD	International Relief and Development
JMF	Jinshian Memorial Foundation
MA	Medical Ambulatory
M&E	Monitoring and Evaluation
MOH	Ministry of Health
MSF	Medicines sans Frontiers
NIH	National Institute of Health
NOVA	Strengthening Reproductive and Child Health Care Services in Rural Areas (from Armenian abbreviation)
OSI	Open Society Institute
PHC	Primary Health Care
PHCR	Primary Health Care Reform
PMP	Performance Monitoring Plan
RA	Republic of Armenia
STDs	Sexually Transmitted Diseases
SVA	Rural Medical Ambulatory (from Russian abbreviation)
UMCOR	United Methodist Committee of Relief
UN	United Nations
UNICEF	United Nations Children's Fund
USAID	United States Agency for International Development
WB	World Bank
WHO	World Health Organization
WV	World Vision
YSMU	Yerevan State Medical University

## 1. Introduction

**1.1 PHCR Project Overview:** The United States Agency for International Development (USAID) awarded Emerging Markets Group (EMG), an international consulting firm, a five-year contract to run Primary Health Care Reform Project in Armenia. The primary goal of the Project is to improve population access to quality primary healthcare services through strengthening Primary Health Care (PHC) facilities and family medicine providers, on one hand, and improving public health awareness, health-seeking behavior, and competent demand for PHC services, on the other. The six main components of PHCR project are run in the partnership with IntraHealth International Inc., American University of Armenia, Overseas Strategic Consulting, Ltd., and Social Sectors Development Strategies, and include the following activities:

- ✓ **Expansion of Reforms:** assisting the Government in establishing a supportive regulatory environment for the advancement of reforms; renovating and equipping PHC facilities nationwide; designing and delivering training to facility management
- ✓ **Family Medicine:** developing up-to-date curricula and training materials for continuous medical education; creating free-standing family medicine group practices; providing training to family physicians and nurses
- ✓ **Open Enrollment:** introducing the open enrollment principle in the Armenian healthcare sector to promote customer-oriented services by fostering competition among providers
- ✓ **Quality of Care:** improving the quality of care by introducing state-of-the-art quality standards and quality assurance procedures; introducing provider licensing and accreditation regulations
- ✓ **Healthcare Finance:** increasing the transparency and efficiency of the distribution of healthcare funds through improved service costing and performance-based contracting practices; enhancing accountability at the facility level; determining the use of National Health Accounts
- ✓ **Public Education:** enhancing awareness about PHC services offered; improving understanding of open enrollment and acceptance of family medicine providers; promoting healthy lifestyle and health-seeking behavior.

The project will utilize regional scale-up approach, which allows for the zonal expansion of the reforms throughout the country over the life of the project. While applying this approach, the project will primarily focus on up-grading physical conditions and enhancing delivery of care in selected facilities in each zone, overall targeting approximately three hundred facilities throughout Armenia. Lori and Shirak marzes are targeted by the project for the first year.

The project will conduct multi-direction activities in its target facilities, including renovation, furnishing, and provision of equipment, as well as training of medical and administrative staff in family medicine, quality of care, management, financing/accounting, IT application, etc. The communities served by the selected facilities will also become targets, particularly, for the Public Education component of the PHCR Project in terms of getting involved in establishing and running Community Health Committees, utilizing small grant projects, etc. However, not all selected facilities will be targeted by all the types of activities: different sets of activities could be implemented in different facilities.

**1.2 PHCR Project Monitoring & Evaluation Plan:** The following assessments will be conducted throughout the project to monitor its implementation and evaluate its impact:

1) Baseline assessments, including:

- Facility level assessments in target facilities at the start of the project activities in each marz. These include: 1) Facility resource assessment covering structural indicators for all project components, with some of them being PMP indicators; 2) Facility performance assessment (covers self-assessed performance of facility and providers which could serve as a basis for measuring improvement in quality of care); 3) Client satisfaction survey (self-administered survey distributed by a facility nurse).
- Population-based assessment. This includes: 1) Countrywide household survey covering perceived health status, health dynamics, use of early diagnostics and preventive services, accessibility and perceived quality of care, as well as public education-related issues (exposure to PE campaigns and other activities with resulting changes in health knowledge, attitudes, and care seeking behavior).

2) Intermediate and final assessments, including:

- Repeating all facility level assessments mentioned above upon completion of project activities in target facilities of each marz (using the same instruments).
- Follow-up population-based assessment covering all the areas mentioned in baseline assessment (using the same instruments).

Current report summarizes the data on facility resource assessment conducted in the selected facilities of Lori and Shirak marzes - both targeted by the PHCR project in the first year. These baseline per-facility assessments were aimed to gather data for internal planning and to create a baseline dataset for future evaluation of the project impact in Zone 1.

## **2. Methods**

PHCR project and the corresponding marz health departments jointly conducted the selection of targeted facilities in Lori and Shirak marzes. The sites to be renovated and furnished were selected first. The following two main sets of selection criteria were applied to select target sites for renovation:

*i) Selection criteria for rural facilities (FAPs and ambulatories)*

- (1) Remote location
- (2) Community participation and local authority commitment
- (3) Existence of allocated space/building
- (4) Willingness by local staff to get involved in renovation and training activities
- (5) Size/characteristics of the population served (large, high risk and vulnerable population)

*ii) Selection criteria for polyclinics*

- (1) Previous successful participation in primary healthcare reform efforts
- (2) Potential for becoming a training site and/or availability of clinical preceptors
- (3) Independent legal status and not included in the optimization plan
- (4) Characteristics of the population served (high risk and vulnerable population)

The actual selection was conducted after engineering assessments of the buildings of those facilities suggested by the marz health departments as potential targets for renovation. After

the renovation sites (mainly – rural health posts [FAPs] or ambulatories) were selected, the facilities directly supervising those FAPs and/or ambulatories (so called, network centers) were also included as the project targets so that the combined multi-direction approach of the project could be fully utilized.

Monitoring and Evaluation (M&E) team conducted two types of assessments in the selected facilities: Facility assessment by interviewers and facility performance self-assessment by the staff of particular facilities. The baseline assessments of all FAPs and ambulatories by interviewers were conducted using the same instrument (Attachment 1). A slightly different instrument was used to assess polyclinics and health centers so that the specifics of these larger facilities were addressed (Attachment 2).

Both instruments covered the following main domains:

- Facility status and structure, including staff, infrastructure, rooms, equipment & furniture, sources of drug supply, status of renovation, water supply, electricity & heating, distances & transportation
- Status in the areas focused by PHCR project, including resources and potentials in family medicine, quality of care, open enrollment, financing/management, workforce planning, and public education; as well as
- Some main health indicators of the population served.

Three interviewers (all local physicians) in each marz were trained to conduct the assessments. The trainings lasted two days; it included theoretical component and practical implementation of the instrument and interviewer/instrument pre-testing. The PHCR M&E team developed and delivered to interviewers the instructions on how to conduct the interviews, Code lists of the selected facilities, and tentative Schedule/timeline of interviews. Local drivers were hired in each marz to take the interviewers to the selected facilities. In both marzes, the fieldwork lasted several weeks (during May-June, 2006 in Lori and July, 2006 in Shirak). M&E team conducted spot-checks of the interview process in both marzes to assure compliance with the survey protocol.

The Center for Health Services Research and Development (CHSR) team of data enterers at the American University of Armenia (AUA) entered data into computer databases (separately for rural facilities and polyclinics/Health Centers [HCs]) using SPSS 11.0 software). Double entry and subsequent cleaning helped to ensure the accuracy of the databases. At this stage of baseline facility assessment, mainly descriptive analysis was performed and per-facility spreadsheets containing different types of data were constructed to be used in the daily work of different PHCR Project components.

### **3. Results**

The total number of PHC facilities assessed during the late May-early June of 2006 was 71 (36 facilities in Lori marz and 35 facilities in Shirak marz). M&E team conducted the assessment using preliminary lists of target facilities. However, only 64 facilities remained as project targets after the engineering assessment (FAPs of Tsaghkashat, Pushkino, Sverdlov, medical ambulatories of Urut and Gargar in Lori marz and Gyumri polyclinics #1 and #2 in Shirak marz were excluded from the preliminary list of target facilities). The final list of target facilities in the two marzes included in Zone 1 is provided in Table 1 below.

**Table 1. PHCR project target facilities in Shirak and Lori**

	FAPs selected for renovation in Shirak marz	Network centers for renovation sites in Shirak marz		FAPs selected for renovation in Lori marz	Network centers for renovation sites in Lori marz
1.	Anushavan	24. Panik HC	1.	Shamut	22. Dsegh HC
2.	Meghrashen		2.	Lorut	
3.	Kamo	25. Jajur amb.	3.	Dzoraghyugh	23. Vahagni HC
4.	Shirak <sup>1</sup>		4.	Fioletovo	24. Maragahovit HC
5.	Kaps	26. Marmashen amb.	5.	Lermontovo	
6.	Vardağar	27. Horom amb.	6.	Ghursal	Spitak polyclinic*
7.	Lusakert		7.	Lernantsk	
8.	Hovit	28. Akhuryan polyclin.	8.	Haghat	25. Alaverdi polyclinic
9.	Aygabats		9.	Jiliza	
10.	Karnut		29. Mayisyan amb.	10.	Khnkoyan
11.	Hovuni	30. Akhurik amb.	11.	Lusaghbyur	
12.	Arapi		12.	Sarahart	
13.	Bayandur		13.	Lernahovit	27. Tashir policlinic
14.	Voskehask	14.	Medovka		
15.	Baghravan	31. Anipemza HC	15.	Novoseltsevo	28. Jrashen amb.
16.	Jrapi <sup>1</sup>	32. Aghin HC	16.	Sarmedj	
17.	Isahakyan		17.	Teghut	29. Shnogh amb.
18.	Shirakavan		18.	Urasar	30. Katnaghbyur amb.
19.	Lusaghbyur	33. Amasia HC	<b>Policlinics/ambulatories selected for renovation in Lori marz</b>		
20.	Garnaritch		#		
21.	Aregnadem		19.	Spitak Polyclinic	
22.	Gtashen		20.	Tumanyan amb.	
23.	Bandivan		21.	Lernapat amb.	

\* Selected also as a renovation site

### 3.1 Structure, resources, personnel

**Staff:** Overall, 180 doctors, 338 nurses, 28 midwives/feldshers, 45 sanitars, and 90 non-medical staff were employed in 64 target facilities. A total of 272 providers were involved in general practice (provision of family medicine, general or pediatric care). Among them, 19 were family doctors, 44- general practitioners, 34 - pediatricians, 21 - midwives/feldshers, 133 - district nurses, and 21 - family nurses. The mean age of family physicians employed in target facilities was 41.6 with a range from 31 to 55, while the mean age of general practitioners was 51.2 (range: 25-82) and pediatricians – 46.2 (range: 30-83). The mean age of family nurses was not different from that of other GP nurses (44.7 vs. 44.6). However, the age range of family nurses was smaller than the age range of other GP nurses (33-56 vs. 25-65). The staff of the majority of FAPs (33 out of 41) consisted only of a single nurse/midwife. The detailed staff composition of target facilities is provided in Attachment 3.

**Facility ownership:** Only 12 FAPs were the owners of their facility. The rest were renting their space, in the vast majority of cases, from the village mayor office – with or without payment. Unlike FAPs, only one ambulatory mentioned renting a space from village mayor office (Katnaghbyur ambulatory in Lori). All the others, as well as all the policlinics and health centers were the owners of their space (Attachment 4).

<sup>1</sup> Shirak and Jrapi FAPs were excluded from the list of target facilities after the baseline data was collected and analyzed.

**Rooms:** Of 41 assessed FAPs, 26 (63.4%) had only one room in use, 8 (19.5%) had two rooms. The mean number of the used rooms per facility type was 1.5 for FAPs (range: 0 to 6) and 5.9 for ambulatories (range: 1 to 9). The total number of rooms (used and unused) per facility type ranged from 1 to 10 for FAPs (mean: 2.3) and from 6 to 10 for ambulatories (mean: 8.3). In 75% of the FAPs, the examination room was not renovated. Natural lightness of the main/examination room was assessed as satisfactory in 82% of the assessed FAPs. The mean size of the main/examination room in FAPs was 18m<sup>2</sup> with a range from 6 to 40m<sup>2</sup>. The remaining rooms (if any) were smaller with estimated mean size ranging from 9 to 17m<sup>2</sup>. The renovation status of the assessed rooms in ambulatories was rated as satisfactory in 44% of cases and the natural lightness in 80%. The estimated mean size of the assessed ambulatory rooms was 16m<sup>2</sup> with a range from 6 to 40m<sup>2</sup>.

In the polyclinics and health centers, information was collected only about the cabinets/rooms used by general practice, including cabinets for family doctors, internists, general practitioners, and pediatricians. Overall, 52 GP cabinets were assessed in 13 polyclinics and HCs, out of which 46 consisted of one room, 5 of two rooms and 1 of 3 rooms. The mean number of GP cabinets in polyclinics was 7.8 with a range from 5 to 11. The mean number of GP cabinets in the health centers was 2.4 with a range from 1 to 4. Unlike the FAPs, renovation status was assessed as satisfactory in 71.2% of the assessed cabinets. Natural lightness was rated as satisfactory in all 52 cabinets. The mean size of examination rooms in these facilities was 15m<sup>2</sup> with a range from 7.5 to 35m<sup>2</sup> (Attachment 4).

**Electricity, heating, vehicles:** Twenty four-hour electricity was available only in 75% of the assessed FAPs and 90% of ambulatories. No electricity supply in the facility was mentioned by 9 FAPs and one ambulatory (Katnaghbyur), one FAP had 5-hour electricity supply per day. Most frequently (in 22 facilities), portable electric heaters were used to heat the rooms in FAPs. Room heaters with fuel were used in 5 FAPs. Almost 20% of the assessed FAPs (8 FAPs) and one ambulatory (Katnaghbyur) had no heating during winter. Three out of ten assessed ambulatories (Shnogh, Mayisyan, Jajur) had one vehicle per facility. No FAP had a vehicle.

All 5 polyclinics and 8 health centers had 24-hour electricity supply. Almost all the GP rooms in polyclinics and health centers were heated during winter. Portable electric heaters were mainly used to heat the rooms. Functional vehicles (cars) were present only in 3 polyclinics (each had 2) and 4 health centers (each had 1), (Attachment 4).

**Drug supply:** There was no functioning pharmacy in any of the 41 villages where FAPs were situated. Only one ambulatory mentioned the existence of a pharmacy in the same village (Shnogh in Lori). For all the assessed facilities, MOH was the main source of drug supply that covered from 10 to 100% of perceived needs in the drugs included in Essential Drug List. Ten facilities mentioned receiving drugs from UMCOR, 6 from “Hypocrates foundation”, 5 from IRD, 2 from UNICEF, 2 from NOVA (Vitrum tabs), one from World Vision, one from MSF, DOTs, and one from the village mayor office. Percent of needs covered by these sources in particular types of drugs was estimated from as low as 2% to as high as 100%. The periodicity of supplies from these sources ranged from once a month to once a year.

The lists of the drugs supplied were collected from 54 facilities. Overall, 284 different type of drugs were included in these lists. The most frequently listed drugs were Dibazol, Analgin, Papaverin, Dimedrol, Aspirin, Paracetamol, and Dexametazone, mentioned in the drug lists

of more than 30 facilities, followed by Iodine, Furosemide, Euphyllin, No-spa, Valeriana, Calcium Chloride, Cordiamin, and Clotrimazol, included in the drug lists of 20-30 facilities.

Among those facilities supplied regularly with 70 or more types of drugs were ambulatories of Akhurik and Horom and Amasia HC. Nine FAPs were receiving less than 10 different types of drugs (Medovka, Lernahovit, Urasar, Aregnadem, Bagravan, Saramej, Jiliza, Khnkoyan, Dzoragyugh). Usually, the facilities receiving many types of drugs had more than one source of drug supply (different combinations of MOH, IRD, UMCOR, and UNICEF). Those receiving the fewest types of drugs were usually supplied from a single source – MOH.

**Furniture & equipment:** Detailed information on the available equipment and its functional status was collected from all the assessed facilities. This information is summarized in Attachments 5 (FAPs and ambulatories) and 6 (policlinics and health centers). In the facilities where clinical/biochemical laboratories were functioning, information was gathered also about the available laboratory equipment (Attachment 7). Only those items in satisfactory functional status were listed in these summaries. The per-facility summary on available furniture (in satisfactory functional status) at the target facilities is provided in Attachment 8. As it could be easily seen from the tables, almost all the facilities were poorly furnished and equipped. However, the situation in FAPs was the most critical in this aspect.

**Water/toilet:** Of 51 assessed FAPs and ambulatories, 34 FAPs and one ambulatory (Horom) mentioned absence of toilets in the facility. In 15 facilities with indoor toilets only 7 toilets were functioning (all in ambulatories) and only 5 had 24-hour water supply. There were no hand washing stations in 25 FAPs and one ambulatory (Katnaghbyur). Existence of one hand washing station was mentioned in 15 facilities, two and more - in 9 facilities. However, of the listed stations only 8 were functional and only 7 had 24-hour water supply. Shower was present in only two facilities (Jrashen and Hovuny ambulatories) and was functioning in one (Jrashen). Sewage system was present in only 2 FAPs and 9 ambulatories.

Out of the assessed 13 polyclinics and health centers, there were no toilet facilities only in Anipemza HC. The mean number of toilets in these facilities was 3.5 with a range from 0 to 15, all located in-door. The toilets were functioning in 11 facilities with 24-hour water supply in 6 of them and 4-12 hour water supply in the remaining 5.

**Distances/transportation:** Bus was mentioned as the main transportation mean connecting villages with marz centers and regional hospitals. However, 3 villages had no available public transportation to the marz center and 5 to the regional clinic/hospital. Indeed, 18 villages had no public transportation to the nearest ambulatory. The roads connecting villages with the marz center, regional center, and the nearest ambulatory, were described as “large holes dirty” for 60% of the assessed villages and as “bumpy dirt” for 12%. The mean distance between the assessed FAPs/ambulatories and their marz center was 34.6km with a range from 4 to 87km, between these facilities and their regional hospital/clinic – 21.4km with a range from 4 to 65, between these and the nearest ambulatory – 12.2km with a range from 2 to 40km. The per-facility summaries of these distances and the available transportation means to the marz center are provided in Attachment 9.

### **3.2 Family medicine**

Approximately 28.0% of all district physicians employed in 64 target facilities were educated at NIH/YSMU during the last 5 years, and 28.9% expressed willingness to get FM education or were in the process of getting it. The percentage of those nurses involved in FN education

or willing/in the process of getting it was a little bit higher. Out of all 175 district nurses employed in the project target sites of Lori and Shirak, 57 (32.3%) received education at NIH or BMC during the last 5 years and 65 (37.1%) were willing or were in the process of getting it (per-facility distribution of those educated in FM/FN or willing to get educated is provided in Attachment 10).

The staffs of the assessed facilities were asked if they received short-term clinical trainings during the last 5 years in the following topics: first aid, immunization, breastfeeding, sexually transmitted diseases (STDs), reproductive health, integrated management of childhood diseases (IMCI), tuberculosis, healthy lifestyle, and child growth and development. These topics were selected because of being primarily focused by many organizations during the last years. Information was gathered also about other short-term trainings received during that period.

Among doctors, the most widespread trainings were immunization, breastfeeding, and IMCI (attended by 39.2%, 35.1%, and 22.7% of them respectively). The least widespread trainings were tuberculosis (6.2%) and reproductive health (9.3%). Overall, the involvement of medical staff in short-term trainings was rather low: no single topic was covered by at least half of those doctors employed in target facilities.

The involvement of nurses in short-term training was somewhat higher. Again, the most widespread trainings were immunization (received by 52.6% of nurses) and breastfeeding (by 47.4%), whereas no single nurse employed at FAPs/ambulatories received training on tuberculosis.

First aid training was mainly conducted by NOVA, NIH, Prime II, and ASTP. Immunization, IMCI, and breastfeeding trainings were mainly conducted by UNICEF and NOVA; STDs and reproductive health by Prime II and NOVA; tuberculosis by UNICEF, NOVA, and WB; healthy lifestyle and child growth/development by NOVA, ASTP, UNICEF, World Vision, and Prime II.

Thirty five percent of doctors and 29.7% of nurses mentioned being involved in other short-term clinical trainings during the last five years. The following trainings were mentioned: healthy motherhood and childhood, family planning, communication skills, pharmacology, infectious diseases, etc. However, the coverage of providers with these trainings was rather low. Among organizations who conducted these trainings, NIH, IRD, ASTP, MOH, UNICEF, World Vision, and WHO were mentioned more frequently.

Attachment 11 provides the numbers and percentages of doctors and nurses employed at target facilities of Lori and Shirak who attended short-term clinical trainings during the last 5 years by training types.

Of 51 assessed FAPs and ambulatories, 15 (29.4%) mentioned having job descriptions for their employees (mainly for district nurses), whereas 84.6% of assessed polyclinics/health centers stated having job descriptions for at least nurses and doctors.

One or more copies of the full set (15 volumes) of World Bank-developed clinical practice guidelines for doctors were present in 6 ambulatories (out of the assessed 10) and in all the assessed polyclinics and health centers. The full set (5 volumes) of the WB-developed clinical guidelines for nurses was available in 11 polyclinics and health centers (out of 13), 4

ambulatories (out of 10) and only 1 FAP (out of 41 assessed). Five FAPs and three ambulatories stated having 1 to 3 volumes of the guidelines for nurses.

Among other clinical practice guidelines available at the assessed facilities, materials distributed during different short-term trainings (immunization, IMCI, ARI, diarrhea, breastfeeding, reproductive health/family planning) were mentioned frequently. The vast majority of the listed materials/guidelines available at the facilities were on mother and child care, such as healthy pregnancy, principles of antenatal care, management of newborn, infant care, first aid for children, childhood nutrition, clinical skills of mother and child care, healthy and ill children's care, guideline for primary health care of children, healthy child growth and development, etc. Few facilities mentioned having materials on other topics like diabetes management, hypertensive patients' management, guideline for management of STDs, breast cancer screening among women aged 40 and above, and few others. The next type of the mentioned guidelines covered general areas, like guideline for practical physician, guideline for service delivery, patients' care, etc. Several organizations were listed as providers of these materials, including ASTP, JMF, MOH, NOVA, Prime II, UNICEF, WHO, UMCOR, USAID, UN population foundation, NIH, and OSI.

The access of targeted facilities to evidence-based medicine sources and to selected drug information sources is summarized in Table 2.

**Table 2: Access of targeted facilities to EBM and selected drug information sources**

<b>Have access to:</b>	<b>Policlinics/HCs (n=13)</b>	<b>Ambulatories (n=10)</b>	<b>FAPs (n=41)</b>
Internet	1	1	1
Medical Periodicals	11	6	8
Recent training materials	12	9	35
Newsletters	11	4	7
EBM publications	5	1	1
Medical books (published since 2000)	11	6	8
Mashkovski, Pharmaceuticals	1	6	0
Vidal, Drug Guide	7	2	0
Vidal, Drug Guide for Transcaucasus	11	5	0
Optimal Drug Treatment Guidelines, DMTA, RA	8	3	1

As it is demonstrated in the table, the majority of facilities had access to recent training materials. Medical periodicals and EBM newsletters/books were less accessible. Internet was almost unavailable. Access to the selected drug information sources was also limited. Few facility heads/responsibles mentioned using drug information sources other than the ones listed in the questionnaire, like "Medication and Medicine", "Guideline of Pharmacotherapy for Physicians and Pharmacists", "Pharmacological Guideline for Treatment and Medication", and "Medical Guidelines from Gedeon Richter".

Medical charts were used for under-18 population group in all assessed health facilities. The coverage of this age group with medical charts was 90-100% (mean: 99.4%). The registered information in these charts was assessed as "complete" in 94.9% of FAPs, 100% of ambulatories, and 75 % of policlinics/health centers (this assessment, however, was entirely based on subjective judgment of the assessor). Standard forms were used for these medical charts in 71.8% of the assessed FAPs, 87.5% of the ambulatories, and 83.3% of the policlinics/health centers.

For adults, medical charts were completed in 71.4% of the assessed FAPs and in all ambulatories and polyclinics/HCs. Adult (over-18) population coverage with medical charts was somewhat less: in average, 46.4% in FAPs, 78.0% in ambulatories and 77.9% in polyclinics/HCs. The registered information in these charts was assessed as “complete” in 54.8% of the assessed FAPs, 100% of ambulatories, and 76.9% of polyclinics/health centers. Standard forms had been used in 57.1% of the assessed FAPs and ambulatories and in 92.3% of the polyclinics/HCs.

Immunization forms were present in 92.5% of the assessed FAPs, 100% of the ambulatories, and 91.7% of the polyclinics/HCs. The information registered in these forms was assessed as “complete” in 90.0% of FAPs and 100% of ambulatories and polyclinics/HCs. Standard Immunization forms were used in 82.9% of the FAPs, 87.5% of the ambulatories, and 90.9% of the polyclinics/HCs. Coverage of eligible population with these forms was 89.7 % in FAPs, 88.2% in ambulatories, and 100.0% in polyclinic/HCs.

Of 41 FAPs, 38 had journal for outpatients and 30 had journal for home visits. The recorded information in the journal for outpatients was assessed as “complete” in 78.9%, and that in the journal for home visits was assessed as “complete” in 61.1% of the FAPs. All the assessed ambulatories had both journals in place, and in all ambulatories the information recorded in these journals was assessed as “complete”. Out of the assessed polyclinics and Health Centers, only Anipemza HC had no journals for outpatients and home visits. The recorded information in these journals was assessed as “complete” in 66.7% of the assessed polyclinics/health centers.

Only one FAP, three ambulatories, and two health centers had journal for ambulance calls.

There was no quality assurance system in any of the assessed FAPs and ambulatories. However, three of them noted that they had a functioning quality assurance mechanism in their facility and described that as “checking the records regularly” or “reporting about the work done”. Four out of the 13 assessed polyclinics/HCs mentioned having a quality assurance system. Under this, the two of them (HCs of Dsegh and Amasia) listed the presence of “Quality assurance/control committee” at their facility. The others described the quality assurance mechanism mainly as periodic supervisory control of medical charts and discussion of revealed shortcomings.

During the last three months, supervisors made supervisory visits to the FAPs 2.8 times in average. Meanwhile, 4 FAPs – 10.5% of the assessed (Bandivan, Karnut, and Garnarich in Shirak and Jiliza in Lori), mentioned no supervisory visits during the last quarter, and 8 FAPs (21.1%) mentioned receiving only one supervisory visit during that period.

No FAP mentioned having computers, whereas 5 of the 10 assessed ambulatories had one functional computer (and one had a non-functional computer) per facility. Only two ambulatories mentioned having computer program for clinical data collection and analysis: Tumanyan medical center (in Lori) received it from ASTP and Jrashen ambulatory (in Lori) from MOH.

Out of the assessed polyclinics and health centers only one (Anipemza HC) had no computer and another one (Alaverdi polyclinic) had a non-functional computer. Eight had 1 computer each, Tashir polyclinic – 2, Stepanavan polyclinic and Dsegh health center – three each. Six polyclinics/HCs stated having computer program for clinical data collection and analysis.

ASTP provided the program to three of them (Dsegh, Vahagni HCs and Tashir polyclinic), MOH to one (Spitak polyclinic), and Mergelyan Scientific-Research Institute to the remaining two (Akhuryan HC and Amasia polyclinic).

### **3.3 Open enrollment, financing, and management**

Only the ASTP pilot sites: Dsegh and Vahagni HCs and Tumanyan medical center stated having a computer program for open enrollment provided by ASTP. Each of these facilities had staff members trained as operators for open enrollment (two trained staff members in Tumanyan, one in Vahagni and three in Dsegh). As expected, again these three facilities and three FAPs included in the networks of these facilities (Dzoragyugh FAP in the network of Vahagni health center and Shamut and Lorut FAPs in the network of Dsegh health center) mentioned the numbers of people registered through open enrollment in their facilities during 2005.

Out of 13 assessed, 6 polyclinics/HCs (Amasia, Anipemza, Mets Parni Panic HCs and Ahkuryan, Stepanavan polyclinics) mentioned calculating regularly the cost of services provided at their facility. Two others (Aghin and Dsegh HCs) mentioned doing that sometimes. What refers to ambulatories, 2 of them (Akhurik and Marmashen) stated doing that regularly and 2 (Mayisyan and Tumanyan) – sometimes. Moreover, two FAPs (Voskehask and Isahakyan) also mentioned calculating the cost of their services. However, these findings should be approached with caution, because of not being confirmed by additional in-dept investigations carried out by the Financial Component of the PHCR Project (“Financial accounting, financial reporting and costing needs assessment in target facilities of Zone 1”). According to the findings of the latter assessment, no cost accounting of provided services is implemented in Mets Parni, Anipemza, Amasia, Panik HCs, Aghurik MA, Mayisyan MA, and Aghin MA. Actually, costs classification by function and by the nature (direct and indirect) is performed only in those facilities where Excel-based costing system has been implemented within the frame of the ASTP Project.

To the question why the facilities do not calculate the cost of services they provide, 27.5% of the assessed FAPs and ambulatories replied that there is no need or no sense for doing that, 17.6% stated that they have no right to do that, 5.9% that it is not required, 2.0% mentioned that the services were free of charge, 2.0% were simply not interested, and the remaining could not explain – why. The polyclinics and health centers who mentioned do not calculating the cost of the services they provide constituted 38.5% of the assessed (5 of 13). All of them considered that there is no need or no sense for doing that.

Only Tumanyan medical center and Vahagni health center used accounting software (provided by ASTP). Not all the sections of the program were used at these facilities because of “no need”. Out of 41 assessed, three FAPs (7.5%) considered it reasonable introducing computer program for accounting in their referral facilities, whereas all the assessed polyclinics, HCs, and all the ambulatories except Katnaghbyur considered it reasonable.

Similarly, all the polyclinics, health centers, and all the ambulatories except Katnaghbyur reported having a trained accountant at their facilities. According to the respondents, this person was qualified as accountant in 7 ambulatories (of 10 assessed) and 10 polyclinics/HCs (of 13 assessed). However, the findings of the above-mentioned study on “Financial accounting, financial reporting and costing needs assessment in target facilities of Zone 1”, show that fewer accountants employed in target referral facilities had professional

qualification of accountant (namely, the accountants of Jajur MA, Pemzashen HC, Akhurik MA, Mayisyan MA, Horom MA, Spitak Polyclinic, and Jrashen MA), while the rest have different specializations: in “Banking Business” (Panik HC), in Engineering (Aghin HC, Mets Parni HC, Marmarashen), in commodity science (Ani-Pemza MA, Dsegh HC).

Table 3 summarizes the data on trainings received by the accountants within the last 5 years and their subsequent training needs. ASTP, Marz governments and MOH were listed as providers of the listed trainings.

**Table 3. Trainings within the last 5 years and training needs of accountants at PHC facilities (polyclinics, ambulatories, and health centers, n=22)**

<i>Training on:</i>	<u>Received trainings</u>		<u>Mean duration (weeks)</u>	<u>Need for subsequent training</u>	
	<u>Number of trained accountants</u>	<u>%</u>		<u>Number of those in need of subsequent training</u>	<u>%</u>
1. Financial management	8	36.4	1.8	16	72.7
2. Cost accounting	5	22.7	1.7	16	72.7
3. Financial accounting	11	50.0	2.2	15	68.2
4. Computer training	5	22.7	2.4	16	72.7
5. Tax legislation	11	50.0	2.6	18	81.8
6. Labor legislation	5	22.7	1.7	16	72.7

No FAP nurse received any training on the topics listed in the facility assessment instrument for facility heads. Thus, only the information on trainings received by the directors of ambulatories, health centers and polyclinics is provided in Table 4. ASTP was listed most frequently as the provider of these trainings (particularly, for Fundamentals of Accounting, Tax Legislation, Computer training), followed by NOVA, Prime II (Health Services Management), WB (Computer training).

**Table 4. Trainings within the last 5 years and training needs of directors of PHC facilities (n=23)**

<i>Training on:</i>	<u>Received trainings</u>		<u>Mean duration (weeks)</u>	<u>Need for subsequent training</u>	
	<u>Number of trained</u>	<u>%</u>		<u>Number of those in need of subsequent training</u>	<u>%</u>
1. Health services management	13	56.5	4.3	20	87.0
2. Health economics	4	17.4	2.8	19	82.6
3. Financial management	4	17.4	2.6	20	87.0
4. Cost accounting	2	4.3	1.0	19	82.6
5. Fundamentals of accounting	2	13.0	3.3	17	87.0
6. Tax legislation	2	13.0	5.7	19	87.0
7. Labor legislation	5	17.4	2.5	20	73.9
8. Computer training	3	13.0	3.3	19	82.6
9. (Other) Quality management	1	4.3	0.4	-	-

To the question if they consider appropriate the introduction of performance-based reimbursement, which will take into account both qualitative and quantitative characteristics of provided services, in their facilities, “yes” reply was received by 57.4% of the assessed FAPs/ambulatories, “no” by 23.4% (all FAPs), and “don’t know” by 19.1%. Meanwhile, all the assessed polyclinics and health centers agreed with this idea. Also, all the polyclinics/HCs stated that they track revenues by medical departments and 84.6% (11 out of 13, except

Amasia HC and Spitak polyclinic) of them stated that they track also expenditures by medical departments.

**Workforce planning:** The numbers of visits made by clients to PHC providers of the targeted facilities and the numbers of staff members' home visits during the year 2005 and the two months of 2006 (February and March) are provided in the attachments 12 and 13 respectively.

During the last three years, 7 physicians and 8 nurses left their positions, while 5 doctors and 6 nurses got employed in the assessed ambulatories and FAPs. In the polyclinics and Health Centers, 12 physicians and 14 nurses left their position during the last three years and 18 physicians and 11 nurses got employed. The most frequently mentioned reason for leaving was retiring followed by moving to another residency area in Armenia and migrating from the country. The most frequent types of specialties who got employed in the targeted facilities were internists/general practitioners and internist or pediatric nurses. Table 5 and 6 contain summarized data on this issue per facility type.

**Table 5. PHC providers who left their position at targeted facilities of Lori and Shirak marzes during the last three years and reasons for leaving**

Reasons	Physicians		Nurses	
	FAPs/ ambulatories	Polyclinics/ HCs	FAPs/ ambulatories	Polyclinics / HCs
1. Moving to another residency area in Armenia (except Yerevan)	3	1	1	1
2. Moving to Yerevan	0	1	0	0
3. Migrating from the country	1	3	1	1
4. Retiring	3	1	2	2
5. Moving to another job	0	3	1	0
6. Dying	0	3	0	1
7. Other reasons	0	0	3	9
<b>Total left</b>	<b>7</b>	<b>12</b>	<b>8</b>	<b>14</b>

**Table 6. PHC providers who got employed in targeted facilities of Lori and Shirak during the last three years**

Provider specialty	FAPs/ambulatories	Polyclinics/HCs
<b>Total physicians</b>	<b>5</b>	<b>18</b>
1. Family physicians	3	1
2. Internists/General practitioners	1	10
3. Pediatricians	1	4
4. Other specialists	0	3
<b>Total nurses</b>	<b>6</b>	<b>11</b>
5. Family nurses	0	1
6. Internist or pediatric nurses	4	2
7. Midwives/feldshers	1	1
8. Other nursing specialists	1	7

**Population served:** Information was gathered on the numbers of population (infants, children, adults) served by each target facility and some important health and service indicators such as annual (2004, 2005) number of deaths (including infant and maternal deaths), hospitalizations, pregnancies, term life-births, preterm life-births, neonatal deaths,

delivery settings (home, PHC facility, maternity), and the numbers of disabled among served population. Per-facility summaries of all these data are provided in Attachments 14 and 15.

### **3.4 Public education**

The availability of public educational materials (posters, brochures, booklets) in the targeted facilities by the topics covered is provided in Attachments 16 and 17. The most widespread types of posters were those on BBP and HIV/AIDS. Policlinics and health centers had generally more posters than FAPs and ambulatories. UNICEF, MOH, and UMCOR were mentioned most frequently as providers of posters to the health facilities (Table 7).

**Table 7. Availability of posters at the different types of targeted facilities in Lori and Shirak by the topics covered and the main providers of those posters**

Posters on:	# of facilities where available			Main providers
	FAPs (n=41)	Ambulatories (n=10)	Policlinic/HCs (n=13)	
1. BBP (new)	3	7	13	USAID, PHCR, MOH
2. Healthy lifestyle	6	2	3	UMCOR, ASTP, UNICEF
3. Nutrition	5	2	8	UNICEF, ASTP, MOH
4. Smoking	2	4	7	WB, UMCOR, MOH, UNICEF
5. HIV/AIDS	11	2	8	Arm. AIDS Found., ICCO UMCOR MSF
6. Tuberculosis	3	2	7	UMCOR, ICCO, MOH
7. Influenza	7	3	7	MOH, UNICEF, Marzpetaran

Among other most frequently mentioned posters available at the targeted facilities were those on immunization, iodized salt, bird flue, family planning, and poliomyelitis. All of these were mainly provided by UNICEF. Some posters like those on heart diseases, diabetes, and skin diseases provided by WB were mentioned less frequently. Few facilities had posters on childcare (provided by Red Cross), trafficking (provided by UNICEF), and breastfeeding (provided by UNICEF and ASTP).

In terms of being available at the targeted facilities irrespective from the number of copies (at least one copy), the most frequently mentioned topics covered were HIV/AIDS (63% of targeted FAPs/ambulatories and 75% of policlinics/health centers mentioned having at least one copy of a brochure/booklet on this), breastfeeding (55% of FAPs/ambulatories and 70% of policlinics/health centers), smoking (49% and 50% respectively), and STDs (47% and 58% respectively). The surveyed facilities had very few materials on first aid. Few facilities mentioned having materials on coronary heart diseases, oral hygiene, and hypertension. Wherever available, educational materials on breast self-examination, healthy nutrition, smoking, diabetes, and hypertension were present and distributed in many copies. The following organizations were mentioned more frequently as the providers of educational materials: UNICEF, UMCOR, ASTP, JMF, WV, USAID, NOVA, MSF. Table 8 summarizes the data on availability of educational materials.

**Table 8: Availability of public educational materials (booklets, brochures, leaflets) at the targeted facilities in Lori and Shirak by the topics covered**

Topics	# of facilities where available		Mean # of copies available wherever present		Mean # of copies distributed wherever present		Provided by: ( <i>only the main providers mentioned by more than one facilities</i> )
	FAPs/SVAs	Policl./HCs	FAPs/SVAs	Policl./HCs	FAPs/SVAs	Policl./HCs	
Diabetes	9 (18%)	5 (42%)	5.3	116.8	66.1	130.0	ASTP, UNICEF
Hypertension	6 (12%)	4 (38%)	4.0	175.5	90.2	200.0	ASTP
CHD	3 (6%)	2 (15%)	4.3	50.5	6.7	150.0	ASTP
Breastfeeding	28(55%)	9 (70%)	2.3	12.7	8.1	51.8	UNICEF, WV, IIZDW
Breast self-exam	12(24%)	4 (33%)	9.4	118.6	62.3	127.7	ASTP, JMF
Healthy nutrition	12(24%)	6 (50%)	14.4	118.6	19.3	128.6	UNICEF
Smoking	25(49%)	6 (50%)	8.5	99.2	39.4	98.4	UMCOR, ASTP, NOVA
Child care	21(41%)	4 (33%)	4.3	12.8	6.1	18.3	NOVA, JMF, UNICEF, USAID
Reproductive health	16(31%)	5 (42%)	6.7	2.8	14.8	25.3	NOVA, UMCOR, USAID
Healthy lifestyle	17(33%)	2 (17%)	3.4	50.5	8.3	50.0	ASTP, JMF, USAID
HIV/AIDS	32(63%)	9 (75%)	7.7	26.2	20.6	64.3	UMCOR, UNICEF, NOVA, WV, Arm. AIDS foundation
Tuberculosis	16(31%)	6 (46%)	5.1	42.4	10.9	50.4	UMCOR
Oral hygiene	4 (8%)	2 (18%)	13.8	1.3	12.5	9.0	JMF
STDs	24(47%)	7 (58%)	5.3	17.0	31.5	51.5	MSF, UMCOR, JMF, PRIME II
Vaccination	18(36%)	7 (58%)	4.3	22.4	20.7	67.5	UNICEF, UMCOR
First aid	1 (2%)	2 (17%)	1.0	1.5	0.0	15.0	Red Cross

Among other public educational materials more frequently mentioned at the targeted facilities were materials on vision disorders/eye diseases usually provided by USAID, bird flue (provided by UNICEF), vaginal micoinfections (JMF), immunization (UNICEF), iodine insufficiency (UNICEF), child behavior (JMF), rights awareness (UMCOR), newborn development (WV), «Good start of life» (UNICEF), and «When antibiotics are needed» (JMF).

There were no video-materials or VCRs available in any of the assessed FAPs and ambulatories. Out of the 13 assessed health centers and policlinics, only one health center (Dsegh) and two policlinics (Akhuryan and Stepanavan) mentioned having a video-material. The video-material in Dsegh HC was on breast self examination provided by ASTP, in Akhuryan policlinic – on primary health care provided by USAID, and in Stepanavan policlinic – on healthy child development provided by UNICEF. A functional VCR was available in only two facilities: Stepanavan policlinic (provided by UNICEF) and Aghin HC.

Almost half of the FAPs and ambulatories (21 FAPs and 4 ambulatories) mentioned that some health related activities were conducted in their communities during the last three years, while three forth of the assessed policlinics and health centers (3 policlinics and 6 HCs) mentioned these types of activities conducted in their communities. The most widespread health-related activities were health education sessions with teachers or school children that took place in 53% of the assessed sites. In terms of frequency, the next were “regular health

education meetings of community with nurse” (27 sites or 42% of the assessed) and “Environmental activities”: tree planting, trash removal, etc. (22 sites or 34% of the assessed). Only three facilities (Lermontovo FAP, Shnogh ambulatory, and Margahovit HC) mentioned conducting activities with the involvement of Community Health Committee. No one of the assessed facilities mentioned the existence of a Revolving fund maintained by community donations. Among “other activities” conducted in the community, few facilities mentioned providing financial/medical aid to a community member, organizing “Open doors day” and “Motherhood school”. In the vast majority of cases, the health facility was the initiator of the above-mentioned activities, followed by village mayor office, community, school director/head of class, and marz health department. In few sites, international organizations were also involved: ASTP in health facility renovation activities (in Tumanyan), Red Cross (in Margahovit) and Prime II (in Tashir) in organization of health education meetings between community and nurse and with teachers/school children. The data on these issues is summarized in Table 9.

**Table 9. Number of sites where the following community health-related activities were conducted in the last three years**

	<b>FAPs (n=41)</b>	<b>SVAs (n=10)</b>	<b>Policlinics, HCs (n=13)</b>
1.Regular health education meetings of community with CHC*	0	1	1
2. Home visits done by CHC* members	1	1	0
3. Regular health education meetings of community with nurse	15	5	7
4. Health education sessions with teachers/school children	19	6	9
5. Role play on health issues performed by the children	9	1	1
6. Health facility renovation activities	0	2	3
7. Water supply/sewage system building/reconstruction	1	1	1
8. Environmental activities (tree planting, trash removal, etc.)	10	4	8
9. Revolving Fund maintained by community donation	0	0	0

\* Community Health Committee

All the assessed facilities were uniform in their confidence that their communities were committed to get involved in primary health care improvement activities and that their staff was willing to participate in a primary health care reform project. The policlinics and health centers were asked if they ever participated in a primary health care reform project with some international organization. It was revealed that 9 of these 13 facilities were involved in such project with WB, 9 with NOVA, 4 with ASTP, 3 with others (specified as Prime II, UNICEF, WV). The list of the facilities ever involved in primary health care reform projects with the mentioned organizations is provided in Table 10.

Out of the assessed policlinics and HCs, only one facility (Tashir policlinic) mentioned having a clinical preceptor among its staff. All these facilities were independent legal entities. Concerning the question if they know about any intends to merge their facility in a larger unity in the scope of optimization plan, 10 facilities answered “no”, one (Akhuryan policlinic) “yes”, and two (HCs of Aghin and Anipemza) “don’t know”.

To the question if their facilities were licensed to provide family medicine/family nursing services, positive reply was received from 11 FAPs (27%), 5 ambulatories (50%), and 3 policlinics/HCs (23%). The rest were either not sure or answered negatively.

**Table 10. Target facilities' former experience of participation in a primary healthcare reform project with international organizations**

#	Facility	Have your facility ever participated in a PHCR project with:			
		WB	NOVA	ASTP	Other organization(s)
1	Aghin	yes	yes	no	no
2	Akhuryan	no	yes	no	no
3	Alaverdi	yes	no	no	no
4	Amasia	yes	no	no	no
5	Anipemza	yes	no	no	no
6	Dsegh	yes	no	yes	no
7	Margahovit	yes	yes	yes	yes (Prime II, UNICEF)
8	Mets Parni	yes	yes	no	no
9	Panik	yes	yes	no	no
10	Spitak	no	yes	yes	no
11	Stepanavan	no	yes	no	yes (Prime II, WV)
12	Tashir	no	yes	no	yes
13	Vahagni	yes	yes	yes	no
	<b>Total</b>	<b>9</b>	<b>9</b>	<b>4</b>	<b>3</b>

As expected, no FAP had a clinical laboratory in the facility. Six ambulatories mentioned about the existence of a clinical laboratory in their facility. However, only four of them mentioned having a laboratory technician among their staff and only three stated that their laboratory technician was qualified through special training. No quality control tests were performed in any of these laboratories and the specimens were appropriately labeled in only three (50%) of them.

Only one health center (Anipemza) had no laboratory in the facility. Of the remaining 12 polyclinics/HCs one health center and 4 polyclinics mentioned having a laboratory doctor employed at their facility. Five polyclinics (100%) and six HCs had 1 to 3 laboratory technicians among their staff. Meanwhile, four polyclinics and five HCs mentioned that their laboratory technicians were qualified through special training. Quality control tests in the laboratory were performed in only one facility: Akhuryan polyclinic. The specimens were appropriately labeled in all five polyclinics and five HCs.

**Crucial needs:** Renovation need was listed more frequently by the responsables of the assessed FAPs and ambulatories: 12 out of 23 facilities in Lori marz (52.2% of the assessed) and 14 out of 28 facilities in Shirak marz (50.0% of the assessed) crucially needed renovation or new construction. Eleven FAPs/ambulatories mentioned also a need in development of utilities: water supply, sewage system, etc. Another frequently mentioned necessity was the need in basic medical instruments - listed by 29 FAPs/ambulatories (56.8% of the assessed). The following instruments were needed more frequently: surgical kits, gynecological sets, scales for adults or children, sphygmomanometers, IV systems/stands, splints, emergency care kits, etc. Among diagnostic/laboratory equipments glucometers and/or glucometer tests, ECGs, autoclaves, centrifuges, thermostats, refrigerators, photoelectrocolorimeters, and ultrasounds were mentioned more frequently. However, the majority of FAPs/ambulatories did not specify the type of instruments as they had very limited number of instruments. Crucial need in furniture was mentioned by 24 FAPs and ambulatories (47.0% of the assessed). Again, the majority of those in need of furniture did not specify its type as they had only very limited number of old/non-functional furniture. Some FAPs and ambulatories mentioned the need in medical literature for the staff and the need in public educational materials. Fourteen facilities (27.4%) emphasized the need in medications. Eight facilities

(15.7%) expressed the need in computers and software. Some facilities asked for telephone connection, ambulance/car, and heating.

Among the assessed 5 polyclinics and 8 health centers, renovation/new construction was mentioned as a crucial need by 6 (46.2%). Two mentioned the need in development of utilities (water supply, etc). Again, medical and laboratory equipments were strongly needed including ECGs, tests for glucometers, ultrasounds, surgical small collections, x-ray machines, photoelectrocolorimeters, centrifuges, biochemical and clinical analyzers, urometers, refractometers, thermostats, warm steam sterilizers, etc. Several facility heads noted that their staff needs medical and managerial trainings (preferably – on site). Again, the heads of some polyclinics/HCs emphasized the need in furniture, computers, refrigerators, and cars.

## 4. Attachments

### Attachment 1: Facility Assessment Instrument for FAPs and ambulatories

1. Assessor \_\_\_\_\_ 2. Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 3. Marz \_\_\_\_\_ 4. Village \_\_\_\_\_

5. Type of health facility: a.  FAP (Feldsher/obstetrical point) c.  Office of Family Doctor  
 b.  SVA (Village ambulatory) d.  Medical Center

6. Facility code \_\_\_\_\_

7. Name of the village mayor: \_\_\_\_\_ 7.1 Phone: \_\_\_\_\_

8. Name of the facility responsible/director: \_\_\_\_\_ 8.1 Phone: \_\_\_\_\_

9. Principal respondent: a. Name \_\_\_\_\_ b. Position: \_\_\_\_\_

10. Health facility staff:

	1.Doctors	2.Nurses	3.Midwives & feldshers	4.Sanitars	5.Non-med. staff
Actual #					

11. Number of rooms in the facility: a. Total # \_\_\_\_\_ b. # of rooms in use \_\_\_\_\_

12. Rooms in use:

	1. Size (m <sup>2</sup> )	2. Natural light (0/1)*	3. Renovation (0=no, 1=yes)	4. Purpose it serves	5. Notes (walls, floor, ceiling, etc.)
a.Room 1					
b.Room 2					
c.Room 3					
d.Room 4					
e.Room 5					
f.Room 6					
g.Room 7					
h.Room 8					
i.Room 9					
j.Room 10					

\* 0 is unsatisfactory, 1 is satisfactory

13. Furniture: (R=room)

# of:	a. R. 1	b. R. 2	c. R. 3	d. R. 4	e. R. 5	f. R. 6	g. R. 7	h. R. 8	i. R. 9	j. R. 10	k. Total	l. # of inappro- -priate
1.Sink with running water												
2.Desks												
3.Chairs												
4.Med. cabinets (glass)												
5.Cabinets for instruments												
6.Exam. Beds												
7.Bed tables												
8.Cabinets (for cloths)												
9.Screen												
10.Swaddle table												
11.Procedural table (glass)												
12.Telephone												

14. Equipment/supplies:

	a) # total	b) # of broken		a) # total	b) # of broken
1. Stethophonendoscope			36. Gauze masks		
2. Sphygmanometer			37. Surgical thread ( <i>packs</i> )		
3. Thermometer			38. Tube (nasogastric)		
4. Refrigerator			39. Scalpel		
5. Cold Chain Igloo			40. Scalpel holder		
6. Tongue holder and gag			41. Tray for instruments		
7. Height measurer-child			42. Needle holder		
8. Height measurer- adult			43. Surgical needles		
9. Scale - child			44. Used instruments' tray		
10. Scale - adult			45. Instrument cleaning jar		
11. Measure tape			46. Gynecological chair		
12. Timer			47. Gynecologic. mirrors		
13. Infusion set & IV cannula			48. Packer curved		
14. Medical tourniquet			49. Kocher		
15. Sterilization cylinders (bixes)			50. Folkman spoon		
16. Sterilization boxes (for instruments)			51. Obstetrical stethoscope		
17. Dry sterilization (for dressing mater.)			52. Subject glasses		
18. Disposable syringes/needles			53. Sterile bandages		
19. Sharp disposal			54. Elastic bandages		
20. Spatula (metal)			55. Medical cotton wool		
21. Spatula, wooden ( <i>boxes</i> )			56. Tape, adhesive		
22. Tweezers (pincers)			57. Gloves, surgical, sterile		
23. Scissor			58. Examination gloves		
24. Forceps			59. Medical splints		
25. Electrocardiograph			60. Stretchers		
26. Otoscope			61. Syringe for ear irrigation		
27. Ophthalmoscope			62. Neurological hammer		
28. Tool set for ear exam-adult			63. Disposable cups		
29. Tool set for ear exam-child			64. Uretric catheter-hard		
30. Tool set for eye exam-adult			65. Uretric catheter-soft		
31. Tool set for eye exam-child			66. Glucometer		
32. Tool set for nose exam-adult			67. Tests for glucometer		
33. Tool set for nose exam-child			68. Autoclave		
34. Bactericide lamp			69. Microscope		
35. Holder for IV infusions			70. Emergency care kit		

15. **Current** sources of drug supply (or the funds to purchase drugs):

	1=yes 0=no	a. Terms of the project ( <i>start and end dates</i> )	b. Periodi- city of supplies	c. % of needs covered	d. Type of drugs ( <i>List the names of drugs if few. Otherwise, request and attach to the questionnaire the list of drugs supplied through each source</i> )
1. MOH					
2. OXFAM					
3. UMCOR					
4. World Vision					
5. IRD					
6. Other _____					

16. Existence of functioning pharmacy in village: \_\_\_\_\_ (*1=yes, 0=no*)

17. Ownership of the facility space:

1. Owns a building

3. Rents a space (*a. whose? \_\_\_\_\_*)



Distances/Transportation:

To:	26. Distance (km)	27. Available transportation (0-no, 1-bus, 2-facility ambulance, 3-regional facility ambulance)*	28. Road access (1-asphalt, 2-smooth dirt, 3-bumpy dirt, 4-large holes dirty, 0-only foot access)
a. Marz center			
b. Regional clinic/hospital			
c. Nearest ambulatory			
d. Nearest FAP			

\* Mention all that apply

**Family Medicine**

The number of PHC providers at the facility with age and gender structure

**29. Family physicians (FP)**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. FP #1
- b. FP #2
- c. FP #3

**29.1 Total # of FPs**

**30. General Practitioners and Internists**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. GP/I #1
- b. GP/I #2
- c. GP/I #3

**30.1 Total # of GPs/Int.**

**31. Pediatricians**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. P #1
- b. P #2
- c. P #3

**31.1 Total # of Pediatr-s**

**32. Midwives and Feldshers**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. M/F #1
- b. M/F #2
- c. M/F #3

**32.1 Total # of M/Fs**

**33. Internist nurses and Pediatric nurses**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. I/PN #1
- b. I/PN #2
- c. I/PN #3
- d. I/PN #4
- e. I/PN #5
- f. I/PN #6
- g. I/PN #7

**33.1 Total # of I/P nurses**

**34. Family nurses**

1. Age (full years)      2. Gender (1=male, 2=female)

- a. FN #1
- b. FN #2
- c. FN #3
- d. FN #4
- e. FN #5
- f. FN #6
- g. FN #7

**34.1 Total # of FNs**

35. Out of the physicians listed above:

1. How many received educational courses at NIH or YSMU during the last 5 years? \_\_\_\_\_
2. How many are willing to get involved in FM education or are in the process of getting it? \_\_\_\_\_

36. Out of the mid-level healthcare providers listed above:

1. How many received educational courses at NIH or BNC during the last 5 years? \_\_\_\_\_
2. How many are willing to get involved in FN education or are in the process of getting it? \_\_\_\_\_

37. Trainings of the facility medical staff since 2000:

Training on:	# of those exposed		c. Provided by (the name of organization)
	a. Nurses	b. Doctors	
1. First aid			
2. Immunization			
3. Breastfeeding			
4. Sexually Transmitted Diseases			
5. Reproductive Health			
6. IMCI			
7. Tuberculosis			
8. Healthy lifestyle			
9. Healthy child growth & development			
10. Other:			
11. Other:			
12. Other: _____			

38. Do you have any job description in your facility? 1. Yes 2. No

38.1 If yes, for what positions? (please, list) \_\_\_\_\_

---

39. Do you have the set of World Bank-developed clinical practice guidelines in your facility?

1. Yes 2. No

If yes,

39.1 How many volumes for doctors (out of 15)? \_\_\_\_\_ (Please, show)

39.2 How many volumes for nurses (out of 5)? \_\_\_\_\_ (Please, show)

39.3 How many copies for doctors? \_\_\_\_\_

39.4 How many copies for nurses? \_\_\_\_\_

What other clinical practice guidelines do you have in your facility? (circle all that apply)

**40. Guideline title:**

**41. Guideline source:**

1.

1.

2.

2.

3.

3.

4.

4.

5.

5.

6.

6.

7.

7.

8.

8.

9.

9.

42. Do you have access to the following evidence-based medicine sources? (*circle all that apply*)

1. Internet
2. Medical periodicals
3. Recent training materials
4. Newsletters
5. EBM publications
6. Medical books (published after 2000)

43. What drug information sources published since 2000 are available in your facility? (*mark all that apply*)

1. Mashkovsky, Pharmaceuticals
2. Vidal, Drug Guide
3. Vidal, Drug Guide for Transcaucasus
4. Optimal Drug Treatment Guidelines, Drug and Medical Technology Agency, MoH, RA
5. Other (*specify*) \_\_\_\_\_

44. Record forms:

Type:	<i>1=yes, 0=no</i>	a. Coverage (% of eligible population covered)	b. Completeness of registered information ( <i>1=yes, 0=no</i> )	c. Type of forms ( <i>1-standard adopted forms, 0-non-standard forms</i> )
1. Medical charts (under 18)				
2. Medical charts (18 & over)				
3. Journal for outpatients				
4. Journal for home visits				
5. Immunization forms				
6. Journal for ambulance calls				

45. Do you have any functioning quality assurance mechanism in your facility? 1. Yes 2. No

45.1 If yes, please describe \_\_\_\_\_  
 \_\_\_\_\_

46. How many times has your supervisor made supervisory visits to this facility during the last 3 months?

- a. \_\_\_\_\_ times      b. The facility has no direct outside supervision

47. Do you have computer in this facility? 1. Yes, functional, 2. Yes, non-functional, 3. No

48. Do you have computer program for clinical data collection and analysis? 1. Yes 2. No

48.1 If yes, provided by whom? 1. MOH 2. PIU 3. ASTP 4. Other  
 \_\_\_\_\_

**Open Enrollment**

49. Do you have computer program for open enrollment in your facility? 1. Yes 2. No

49.1 If yes, provided by whom? 1. MOH 2. PIU 3. ASTP 4. other \_\_\_\_\_

50. Do you have personnel trained as operator for open enrollment? 1. Yes 2. No

51. Number of people registered through open enrollment in your facility during 2005? \_\_\_\_\_

**Financing and Management**

52. Do you calculate the cost of the services provided in your facility?

1. Yes, regularly,    2. Yes, sometimes,    3. No (*a. Specify, why?* \_\_\_\_\_ )

53. Do you have computer program for accounting in your facility?    1. Yes, 2. No (*skip to Q. 54*)

53.1 If yes, provided by whom?    1. SHA    2. PIU    3. ASTP    4. other \_\_\_\_\_

53.2 Specify the name of the program: \_\_\_\_\_

53.3 Do you use all the sections of the accounting program?

1. Yes    2. No (*a. Specify, why?* \_\_\_\_\_ )

54. Do you think the introduction of a computer program for accounting, which includes data entry, accountant training, and technical maintenance of the system, is reasonable in your facility?

1. Yes,    2. No,    3. Don't know

55. Do you have trained accountant in your facility?    1. Yes,    2. No (*Go to Q.57*)

55.1 If yes, is he qualified as accountant?    1. Yes    2. No

56. What trainings did the accountant receive out of the following within the last 5 years?

<i>Training on:</i>	<i>Yes/no (1=yes, 0=no)</i>	<i>a. Duration (weeks)</i>	<i>b. Provided by: (the name of organization)</i>	<i>c. Need for subsequent training (1=yes, 0=no)</i>
---------------------	-------------------------------------	--------------------------------	---	--

1. Financial management
2. Cost accounting
3. Financial accounting
4. Computer training
5. Tax legislation
6. Labor legislation
7. Other \_\_\_\_\_

57. What trainings did receive the director of your facility out of the following within the last 5 years?

<i>Training on:</i>	<i>Yes/no (1=yes, 0=no)</i>	<i>a. Duration (weeks)</i>	<i>b. Provided by: (the name of organization)</i>	<i>c. Need for subsequent training (1=yes, 0=no)</i>
---------------------	-------------------------------------	--------------------------------	---	--

1. Health services management
2. Health economics
3. Financial management
4. Cost accounting
5. Fundamentals of accounting
6. Tax legislation
7. Labor legislation
8. Computer training
9. Other \_\_\_\_\_

58. Do you consider appropriate the introduction of a performance-based reimbursement, which will take into account both qualitative and quantitative characteristics of provided services, in your facility?

1. Yes    2. No    3. Don't know

**Workforce planning**

59. Number of visits to PHC providers (*the year 2005 and the last 2 months of 2006*)

Made by:	a. 2005	b. 2006, February	c. 2006, March
1. Infants (0-12m)			
2. Children (1-17)			
3. Adults (18 & over)			
<b>4. Total</b>			

60. Number of staff members' home visits per year:

Made to:	a. 2005	b. 2006, February	c. 2006, March
1. Infants (0-12m)			
2. Children (1-17)			
3. Adults (18 & over)			
<b>4. Total</b>			

61. During the last 3 years, how many of the physicians (categories mentioned above) working at this facility left their position (# \_\_\_\_\_) because of:

1. moving to another residency area in Armenia (except Yerevan) \_\_\_\_\_
2. moving to Yerevan \_\_\_\_\_
3. migrating from the country \_\_\_\_\_
4. retiring \_\_\_\_\_
5. moving to another job \_\_\_\_\_
6. dying \_\_\_\_\_
7. other reasons \_\_\_\_\_

62. During the last 3 years, how many of the nurses (categories mentioned above) working at this facility left their position (# \_\_\_\_\_) because of:

1. moving to another residency area in Armenia (except Yerevan) \_\_\_\_\_
2. moving to Yerevan \_\_\_\_\_
3. migrating from the country \_\_\_\_\_
4. retiring \_\_\_\_\_
5. moving to another job \_\_\_\_\_
6. dying \_\_\_\_\_
7. other reasons \_\_\_\_\_

63. During the last 3 years, how many physicians got employed in your facility? \_\_\_\_\_,  
Out of which:

1. Family Physicians \_\_\_\_\_
2. Internists/GPs \_\_\_\_\_
3. Pediatricians \_\_\_\_\_
4. Other specialists \_\_\_\_\_

64. During the last 3 years, how many nurses got employed in your facility? \_\_\_\_\_,  
Out of which:

1. Family Nurses \_\_\_\_\_
2. Internist or pediatric nurses \_\_\_\_\_
3. Midwives/feldshers \_\_\_\_\_
4. Other nursing specialists \_\_\_\_\_

**Population**

65. Number of villages served (*only those villages were there are no FAPs*): \_\_\_\_\_ (*if 1, put the name of the primary village in the item 66*)



Topics	a. 1 = yes, 0 = no	b. # of copies available	c. # of copies distributed among population	d. Provided by: (the name of organization)
6. Healthy Nutrition				
7. Smoking				
8. Child Care				
9. Reproductive Health				
10. Healthy Lifestyle				
11. HIV/AIDS				
12. Tuberculosis				
13. Oral hygiene				
14. STDs				
15. Vaccination				
16. First Aid				
17. Other _____				

80. Are there any video materials available at the facility? 1. Yes                      2. No

80.1 If yes, what are the topics covered by the materials available? (write down all the topics listed) \_\_\_\_\_

80.2 What organization(s) provided the materials (list all)  
\_\_\_\_\_

81. Is VCR available at the facility? 1. Yes, functional      2. Yes, non-functional,      3. No

81.1. If yes, what organization provided the VCR to your facility? \_\_\_\_\_ (name)

82. Were there any health-related activities conducted in your community with the community involvement in the last 3 years?      1. Yes                      2. No (Go to Q.83)                      3. Don't know

82.1 If yes, please, describe what kind of activities were conducted:

Type of activity	Yes/no 1 = yes, 0 = no	b. Who organized the activity
1. Regular health education meetings of community with CHC*		
2. Home visits done by CHC* members		
3. Regular health education meetings of community with nurse		
4. Health education sessions with teachers/school children		
5. Role play on health issues performed by the children		
6. Health facility renovation activities		
7. Water supply/sewage system building/reconstruction		
8. Environmental activities (tree planting, trash removal, etc.)		
9. Revolving Fund maintained by community donation		
10. Other		

\*CHC = Community Health Committee

83. Do you think your community would be committed to get involved in primary health care improvement activities? 1. Yes      2. No (a. record the reasons \_\_\_\_\_ )

84. Do you think the staff of your facility is willing to participate in a primary healthcare reform project?  
1. Yes                      2. No                      3. Not sure

85. Is your facility licensed to provide family medicine/family nursing services?

1. Yes      2. No      3. Don't know

86. How many primary health care provider vacancies do you have in your facility:

86.1 For doctors?    a. \_\_\_\_\_ (*put 0 if none*)      b. Don't know

86.2 For nurses?    a. \_\_\_\_\_ (*put 0 if none*)      b. Don't know

87. List of the crucial needs:

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88. Do you have clinical laboratory at your facility?

1. Yes (*fill the questionnaire for laboratory's assessment*)

2. No (*say thanks for participation*)

## Attachment 2: Facility Assessment Instrument for polyclinics & Health Centers

1. Assessor \_\_\_\_\_ 2. Date \_\_\_\_/\_\_\_\_/\_\_\_\_
3. Marz \_\_\_\_\_ 4. Town/village \_\_\_\_\_
5. Type of health facility: a.  Polyclinic c.  Health Center  
 b.  Central Regional Hospital d.  Medical Center
6. Facility code \_\_\_\_\_
7. Name of the town/village mayor: \_\_\_\_\_ 7.1 Phone: \_\_\_\_\_
8. Name of the facility responsible/director: \_\_\_\_\_ 8.1 Phone: \_\_\_\_\_
9. Name of the outpatient service responsible: \_\_\_\_\_ 9.1 Phone: \_\_\_\_\_
10. Principal respondent: a. Name \_\_\_\_\_ b. Position: \_\_\_\_\_

### 11. General impression from the facility:

	0=no, 1=yes	a. Size (m <sup>2</sup> )	b. Light (0/1)*	c. Renovation (0/1)*	d. Notes (walls, root, floor, etc.)
1. Entrance lobby					
2. Patent registration					
3. Waiting area 1					
4. Waiting area 2					
5. Waiting area 3					

\* 0 = unsatisfactory, 1= satisfactory

### 12. Type of outpatient services and offices:

	0=no, 1=yes	a. # of offices		0=no, 1=yes	a. # of offices
1. Family Medicine			20. Adolescents		
2. Therapy			21. X-ray/flurography		
3. Pediatrics			22. ECG		
4. Women consultation			23. Sonography		
5. Cardio-Rheumatology			24. Lab-clinical		
6. Infectious dis.			25. Lab-serological		
7. Skin			26. Lab-biochemical		
8. Ophthalmology			27. Lab-bacteriological		
9. ENT			28. Lab-cytological		
10. Neurology			29. Procedures room		
11. Psychiatry			30. Statistics room		
12. Surgery			31. Med record maintenance room		
13. Physiotherapy			32. Disinfecting room		
14. Endocrinology			33. Drug store		
15. Allergology			34. Other 1.		
16. Urology			35. Other 2. _____		
17. Immunization			36. Other 3.		
18. Dentistry			37. Other 4.		
19. Pulmonology			38. Other 5. _____		

Notes: \_\_\_\_\_



22. List of functional vehicles:

Brand	Purpose it serves (primary):
1.	
2.	
3.	
4.	

23. **Current** sources of drug supply (or the funds to purchase drugs):

	1=yes 0=no	a. Terms of the project (start and end dates)	b. Periodicity of supplies	c. % of needs covered	d. Type of drugs (List the names of drugs if few. Otherwise, request and attach to the questionnaire the list of drugs supplied through each source)
1. MOH					
2. OXFAM					
3. UMCOR					
4. World Vision					
5. IRD					
6. Other					

**Family Medicine**

The number of PHC providers at the facility with age and gender structure

24. Family physicians (FP)			25. General Practitioners and Internists		
	1. Age (full years)	2. Gender (1=male, 2=female)		1. Age (full years)	2. Gender (1=male, 2=female)
a. FP #1			a. GP/I #1		
b. FP #2			b. GP/I #2		
c. FP #3			c. GP/I #3		
d. FP #4			d. GP/I #4		
e. FP #5			e. GP/I #5		
f. FP #6			f. GP/I #6		
g. FP #7			g. GP/I #7		
h. FP #8			h. GP/I #8		
i. FP #9			i. GP/I #9		
j. FP #10			j. GP/I #10		
<b>24.1 Total # of FPs</b>			<b>25.1 Total # of GPs/Int.</b>		

26. Pediatricians			27. Midwives and Feldshers		
	1. Age (full years)	2. Gender (1=male, 2=female)		1. Age (full years)	2. Gender (1=male, 2=female)
a. P #1			a. M/F #1		
b. P #2			b. M/F #2		
c. P #3			c. M/F #3		
d. P #4			d. M/F #4		
e. P #5			e. M/F #5		
f. P #6			f. M/F #6		
g. P #7			g. M/F #7		
h. P #8			h. M/F #8		
i. P #9			i. M/F #9		
j. P #10			j. M/F #10		
<b>26.1 Total # of pediatricians</b>			<b>27.1 Total # of Ms/Fs</b>		

28. Internist nurses and Pediatric nurses			29. Family nurses		
	1. Age (full years)	2. Gender (1=male, 2=female)		1. Age (full years)	2. Gender (1=male, 2=female)
a. I/PN #1			a. FN #1		
b. I/PN #2			b. FN #2		
c. I/PN #3			c. FN #3		
d. I/PN #4			d. FN #4		
e. I/PN #5			e. FN #5		
f. I/PN #6			f. FN #6		
g. I/PN #7			g. FN #7		
h. I/PN #8			h. FN #8		
i. I/PN #9			i. FN #9		
j. I/PN #10			j. FN #10		
<b>28.1 Total # of I/P nurses</b>			<b>29.1 Total # of FNs.</b>		

30. Out of the physicians listed above:

1. How many received educational courses at NIH or YSMU during the last 5 years? \_\_\_\_\_
2. How many are willing to get involved in FM education or are in the process of getting it? \_\_\_\_\_

31. Out of the mid-level healthcare providers listed above:

1. How many received educational courses at NIH or BNC during the last 5 years? \_\_\_\_\_
2. How many are willing to get involved in FN education or are in the process of getting it? \_\_\_\_\_

32. Short-term trainings of the facility medical staff since 2000:

Training on:	# of those exposed		c. Provided by ( <i>the name of organization</i> )
	a. Nurses	b. Doctors	
10. First aid			
11. Immunization			
12. Breastfeeding			
13. Sexually Transmitted Diseases			
14. Reproductive Health			
15. IMCI			
16. Tuberculosis			
17. Healthy lifestyle			
18. Healthy child growth & develop.			
10. Other:			
11. Other: _____			
12. Other:			

33. Do you have any job description in your facility? 1. Yes 2. No

33.1 If yes, for what positions? (please, list) \_\_\_\_\_

34. Do you have the set of World Bank-developed clinical practice guidelines in your facility?

1. Yes 2. No

If yes,

- 35.1 How many volumes for doctors (*out of 15*)? \_\_\_\_\_ (*Please, show*)
- 35.2 How many volumes for nurses (*out of 5*)? \_\_\_\_\_ (*Please, show*)
- 35.3 How many copies for doctors? \_\_\_\_\_
- 35.4 How many copies for nurses? \_\_\_\_\_

What other clinical practice guidelines do you have in your facility?

35. Guideline title:	36. Guideline source:
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.

37. Do you have access to the following evidence-based medicine sources? (*circle all that apply*)

1. Internet
2. Medical periodicals
3. Recent training materials
4. Newsletters
5. EBM publications
6. Medical books (published after 2000)

38. What drug information sources published since 2000 are available in your facility? (*mark all that apply*)

1. Mashkovsky, Pharmaceuticals
2. Vidal, Drug Guide
3. Vidal, Drug Guide for Transcaucasus
4. Optimal Drug Treatment Guidelines, Drug & Medical Techn. Agency, MoH, RA
5. Other (*specify*) \_\_\_\_\_

39. Record forms:

Type:	1=yes, 0=no	a. Coverage (% of eligible population covered)	b. Completeness of registered information (1=yes, 0=no)	c. Type of forms (1- standard adopted forms, 0- non-standard forms)
1. Medical charts (under 18)				
2. Medical chart (18 & over)				
3. Journal for outpatients				
4. Journal for home visits				
5. Immunization forms				
6. Journal for ambulance calls				

40. Do you have any functioning quality assurance mechanism in your facility? 1. Yes 2. No

40.1 If yes, please describe \_\_\_\_\_

41. Do you have computer(s) in this facility?

1. Yes, functional (*specify # \_\_\_\_\_*), 2. Yes, non-functional, 3. No

42. Do you have computer program for clinical data collection and analysis? 1. Yes 2. No

- 42.1 If yes, provided by whom? 1. MOH 2. PIU 3. ASTP 4. Other \_\_\_\_\_

**Open Enrollment**

43. Do you have computer program for open enrollment in your facility? 1. Yes 2. No

- 43.1 If yes, provided by whom? 1. MOH 2. PIU 3. ASTP 4. other \_\_\_\_\_

44. Do you have personnel trained as operator for open enrollment? 1. Yes (a.# \_\_\_\_\_) 2. No

45. Number of people registered through open enrollment in your facility during 2005? \_\_\_\_\_

**Financing and Management**

46. Do you calculate the cost of the services provided in your facility?

1. Yes, regularly, 2. Yes, sometimes, 3. No (*a. Specify, why? \_\_\_\_\_*)

47. Do you have computer program for accounting in your facility? 1. Yes, 2. No (*skip to Q. 48*)

- 47.1 If yes, provided by whom? 1. SHA 2. PIU 3. ASTP 4. other \_\_\_\_\_

47.2 Specify the name of the program: \_\_\_\_\_

47.3 Which sections of the accounting software do you use? (*mention all that apply*)

1. Real assets accounting  
2. Payroll accounting  
3. Other \_\_\_\_\_

48. Do you think the introduction of a computer program for accounting, which includes data entry, accountant training, and technical maintenance of the system, is reasonable in your facility?

1. Yes, 2. No 3. Don't know

49. Do you have accountant in your facility? 1. Yes 2. No (*Go to Q.51*)

- 49.1 If yes, is he qualified as accountant? 1. Yes 2. No

50. What trainings did the accountant receive out of the following within the last 5 years?

<i>Training on:</i>	<i>Yes/no (1=yes, 0=no)</i>	<i>a. Duration (weeks)</i>	<i>b. Provided by: (the name of organization)</i>	<i>c. Need for subsequent training (1=yes, 0=no)</i>
1. Financial management				
2. Cost accounting				
3. Financial accounting				
4. Computer training				
5. Tax Legislation				
6. Labor Legislation				
7. Other				

51. What trainings did the director of your facility receive out of the following within the last 5 years?

<i>Training on:</i>	<i>Yes/no (1=yes, 0=no)</i>	<i>a. Duration (weeks)</i>	<i>b. Provided by: (the name of organization)</i>	<i>c. Need for subsequent training (1=yes, 0=no)</i>
1. Health services management				
2. Health economics				
3. Financial management				
4. Cost accounting				
5. Fundamentals of accounting				
6. Tax Legislation				
7. Labor Legislation				
8. Computer training				
9. Other				

52. Please, list any trainings out of above-mentioned received by other administrative staff of your facility within the last 5 years: \_\_\_\_\_

53. Does your facility track revenues by medical departments?    1. Yes        2. No

54. Does your facility track expenditures by medical departments?    1. Yes        2. No

55. Do you consider appropriate the introduction of a performance-based reimbursement, which will take into account both qualitative and quantitative characteristics of provided services, in your facility?

1. Yes                      2. No                      3. Don't know

**Workforce planning**

56. Number of visits to PHC providers (*the year 2005 and the last 2 months of 2006*)

<i>Made by:</i>	<i>a. 2005</i>	<i>b. 2006, February</i>	<i>c. 2006, March</i>
1. Infants (0-12m)			
2. Children (1-17)			
3. Adults (18 & over)			
<b>4. Total</b>			

57. Number of staff members' home visits per year:

<i>Made to:</i>	<i>a. 2005</i>	<i>b. 2006, February</i>	<i>c. 2006, March</i>
1. Infants (0-12m)			
2. Children (1-17)			
3. Adults (18 & over)			
<b>4. Total</b>			

58. During the last 3 years, how many of the physicians (categories mentioned above) working at this facility left their position (# \_\_\_\_\_) because of:

1. moving to another residency area in Armenia (except Yerevan) \_\_\_\_\_
2. moving to Yerevan \_\_\_\_\_
3. migrating from the country \_\_\_\_\_
4. retiring \_\_\_\_\_
5. moving to another job \_\_\_\_\_
6. dying \_\_\_\_\_
7. other reasons \_\_\_\_\_

59. During the last 3 years, how many of the nurses (categories mentioned above) working at this facility left their position (# \_\_\_\_\_) because of:

1. moving to another residency area in Armenia (except Yerevan) \_\_\_\_\_
2. moving to Yerevan \_\_\_\_\_
3. migrating from the country \_\_\_\_\_
4. retiring \_\_\_\_\_
5. moving to another job \_\_\_\_\_
6. dying \_\_\_\_\_
7. other reasons \_\_\_\_\_

60. During the last 3 years, how many physicians got employed in your facility? \_\_\_\_\_, out of which:

1. Family Physicians \_\_\_\_\_
2. Internists/GPs \_\_\_\_\_
3. Pediatricians \_\_\_\_\_
4. Other specialists \_\_\_\_\_

61. During the last 3 years, how many nurses got employed in your facility? \_\_\_\_\_,

Out of which:

1. Family Nurses \_\_\_\_\_
2. Internist or pediatric nurses \_\_\_\_\_
3. Midwives/feldshers \_\_\_\_\_
4. Other nursing specialists \_\_\_\_\_

### **Population**

62. Number of attached residency areas (*only those where there are no FAPs: fully served by the given facility*): \_\_\_\_\_ (*if 1, put the name of the primary area in the item 63*)

63. Names of the served areas:

1. Primary area: a) name: \_\_\_\_\_ b) distance from the facility \_\_\_\_\_ km (*put 0 if none*)
2. Attached village: a) name: \_\_\_\_\_ b) distance from the facility \_\_\_\_\_ km
3. Attached village: a) name: \_\_\_\_\_ b) distance from the facility \_\_\_\_\_ km

64. Number of population served in each village:

Name of the village ( <i>see Q.63</i> )	a. Infants (0-12m.)	b. Children (1-17y.)	c. Adults (≥18y.)
1.			
2.			
3.			
<b>4. Total</b>			

Population dynamics:

	a. 2004	b. 2005
65. Number of deaths (total)		
66. Number of infant deaths		
67. Number of maternal deaths		

68. Number of hospitalizations:

	a. 2004	b. 2005
1. Infants (0-12m)		
2. Children (1-17)		
3. Adults (18 and over)		

Pregnancies/deliveries per year:

	69. # of pregnancies	70. # of term life births	71. # of pre-term life births	72. # of neonatal deaths	73. # of deliveries in:		
					a. SVA or FAP	b. Maternity Hospital	c. Home
1. 2004							
2. 2005							

74. Number of disabled in the served population: \_\_\_\_\_

**Public Education**

75. The availability of posters at the facility:

Topics	Yes/no (1 = yes, 0 = no)	a. Provided by: (the name of organization)
1. BBP (new)		
2. Healthy Lifestyle		
3. Nutrition		
4. Smoking		
5. HIV/AIDS		
6. Tuberculosis		
7. Influenza		
8. Other _____		
9. Other		
10. Other		

76. The availability of health education materials (brochures, booklets, leaflets) at the facility:

Topics	Yes/no (1 = yes, 0 = no)	a. # of copies available	b. # of copies distributed among population	c. Provided by: (the name of organization)
18. Diabetes				
19. Hypertension				
20. CHD				
21. Breastfeeding				
22. Breast self-examination				
23. Healthy Nutrition				
24. Smoking				
25. Child Care				
26. Reproductive Health				
27. Healthy Lifestyle				
28. HIV/AIDS				
29. Tuberculosis				
30. Oral hygiene				
31. STDs				
32. Vaccination				
33. First Aid				
34. Other				

77. Are there any video materials available at the facility? 1. Yes                      2. No

77.1 If yes, what are the topics covered by the materials available? (write down all the topics listed) \_\_\_\_\_

77.2 What organization(s) provided the materials (*list all*) \_\_\_\_\_

78. Is VCR available at the facility? 1. Yes, functional    2. Yes, non-functional,    3. No

78.1. If yes, what organization provided the VCR to your facility? \_\_\_\_\_ (*name*)

79. Were there any health-related activities conducted in your community with the community involvement in the last 3 years?    1. Yes    2. No (*skip to Q.80*)    99. Don't know

79.1 If yes, please, describe what kind of activities were conducted:

Type of activity	1= yes, 0= no	a. Who organized the activity
1.Regular health education meetings of community with CHC*		
2. Home visits done by CHC* members		
3. Regular health education meetings of community with nurse		
4. Health education sessions with teachers/school children		
5. Role play on health issues performed by the children		
6. Health facility renovation activities		
7. Water supply/sewage system building/reconstruction		
8. Environmental activities (tree planting, trash removal, etc.)		
9. Revolving Fund maintained by community donation		
10. Other _____		

\*CHC = Community Health Committee

80. Do you think your community would be committed to get involved in primary health care improvement activities?    1. Yes    2. No (*reasons*) \_\_\_\_\_

81. Do you think the staff of your facility is willing to participate in a primary healthcare reform project?    1. Yes    2. No    3. Not sure

82. Have your facility ever participated in a primary healthcare reform project with:  
 1. WB    \_\_\_\_\_ (*1=yes, 2=no*)  
 2. NOVA    \_\_\_\_\_ (*1=yes, 2=no*)  
 3. ASTP    \_\_\_\_\_ (*1=yes, 2=no*)  
 4. Other (*specify* \_\_\_\_\_ )

83. Do you have clinical preceptors among your staff?    1. Yes (*a. Specify # \_\_\_\_\_*)    2. No

84. Is your facility an independent legal entity (not a part of a larger unity)?    1. Yes    2. No

85. Are there any intends to merge your facility in a larger unity in the scope of optimization plan?  
 1. Yes    2. No    99. Don't know

**Water/toilet**

	1.# of stations	2.Located indoor ( <i>1=yes, 0=no</i> )	3.Functioning ( <i>1=yes, 0=no</i> )	4.Running water ( <i>1=yes, 0=no</i> )	5.Water supply ( <i>hours/day</i> )	6.Distance to water source (m) ( <i>put 0, if inside</i> )	7.Sewage system ( <i>1=yes, 0=no</i> )
86. Toilet							
87. Pit latrine							
88. Shower facility							

Notes: \_\_\_\_\_

89. Equipment for disinfecting room: (1=yes, 0=no)

	a. #	b. # of inappropriateriate
1. Water distillation equipment		
2. Sterilizer with hot air		
3. Autoclave		
4. Bactericide lamp		
5. Other*		

\* mention only other major/important equipment

90. Equipment for Procedural room(s): (1=yes, 0=no)

	Procedural room 1		Procedural room 2	
	a. #	b. # of inapprop.	a. #	e. # of inapprop.
1. Cabinet for instruments				
2. Table for instruments				
3. Cabinet for urgent care items				
4. Refrigerator				
5. Desk for nurse				
6. Chairs				
7. Med. examination bed				
8. Table for IV infusions				
9. Disposable syringes				
10. Tongue holder				
11. Medical tourniquet				
12. IV systems				
13. IV stand				
14. Sterilization cylinders				
15. Thermometers				
16. Gauze masks				
17. Sterile gloves (pairs)				
18. Sharp disposal				
19. Tweezers (pincers)				
20. Scissors				
21. Forceps				
22. Bactericide lamp				
23. Surgical thread ( <i>packs</i> )				
24. Tube (nazogastric)				
25. Scalpel				
26. Scalpel holder				
27. Tray for instruments				
28. Surgical needles				
29. Needle holder				
30. Sterile bandages				
31. Elastic bandages				
32. Tape, adhesive				
33. Medical cotton wool				
34. Medical splints				
35. Uretric catheter-hard				
36. Uretric catheter-soft				
37. Stretchers				
38. Other*				

**Laboratories**

91. How many laboratory doctors are employed in this facility? \_\_\_\_\_

92. How many laboratory technicians are employed in this facility? \_\_\_\_\_

92.1 Out of them, how many are qualified through special training? \_\_\_\_\_

93. Do you conduct quality control tests in the laboratory(ies) periodically? 1. Yes 2. No (go to Q.96)

94. Do you document the results of the quality control tests? 1. Yes 2. No

95. Please, show the date of the last quality control test conducted in clinical laboratory: \_\_\_/\_\_\_/\_\_\_

95. 1 The recorded test result (the degree of deviation from the expected result in %-s): \_\_\_\_\_

96. Are the specimens in your laboratory(ies) appropriately labeled? (please, check) 1. Yes 2. No

97. Equipment for labs: (clinical and/or biochemical) \_\_\_\_\_ (1=yes, 0=no)

	a) # total	b) # of broken		a) # total	b) # of broken
1. Photoelectrocolorimeter			21. Laboratory watch		
2. Thermostat			22. Supports		
3. Centrifuge			23. Hemometer Saly		
4. Refrigerator			24. Laboratory timer		
5. Biochemical analyzer			25. Acid-base balance analyzer		
6. Drying chamber			26. Torsion scales		
7. Microscope			27. Analytical scales		
8. Active enzymes analyzer			28. Urinometer		
9. Panchkov's apparatus			29. Washing table		
10. Water-bath			30. Distiller		
11. Refractometer			31. Laboratory cabinets		
12. Test-tubes			32. Fuming board		
13. Flasks			33. Laboratory tables		
14. Measuring-glasses			34. Sink with running water		
15. Thermometer			35. Spectrophotometer		
16. Glucometer			36. Desks		
17. Glucometer strips			37. Chairs		
18. Pipettes			38. Other*		
19. Scarificators			39. Other*		
20. Gorjaev's chamber			40. Other*		

98. Is your facility licensed to provide family medicine/family nursing services?

1. Yes 2. No 3. Don't know

99. How many primary health care provider vacancies do you have in your facility:

99.1 For doctors? a. \_\_\_\_\_ (put 0 if none) b. Don't know

99.2 For nurses? a. \_\_\_\_\_ (put 0 if none) b. Don't know

100. List of the crucial needs: \_\_\_\_\_  
\_\_\_\_\_

**Part B: Facility Code** **GP Office Number:** (from the item 17 in Part A)

	a. Size (m <sup>2</sup> )	b. Light (0/1)*	c. Renovation (0/1)*	d. Notes (walls, roof, floor, etc.)
1. Room 1				
2. Room 2				

\* 0 = unsatisfactory, 1= satisfactory

**B1. Furniture (for the whole office):**

# of:	a.Total # (0 if none)	b. # of inappr.	# of:	a.Total # (0 if none)	b. # of inappr.
1. Sink with running water			7. Bed tables		
2. Desks			8. Cabinets (for cloths)		
3. Chairs			9. Screen		
4. Med. cabinets (glass)			10. Swaddle table		
5. Cabinets for instruments			11. Procedural table (glass)		
6. Exam. Beds			12. Telephone		

**B2. Equipment/supplies (for the whole office):**

	a) # total	b) # of broken		a) # total	b) # of broken
1. Stethophonendoscope			34. Electrocardiograph		
2. Sphygmanometer			35. Dry sterilization		
3. Thermometer			36. Bactericide lamp		
4. Refrigerator			37. Gauze masks		
5. Cold Chain Igloo			38. Surgical thread (packs)		
6. Tongue holder and gag			39. Tube (nasogastric)		
7. Height measurer-child			40. Scalpel		
8. Height measurer- adult			41. Scalpel holder		
9. Scale - child			42. Tray for instruments		
10. Scale - adult			43. Needle holder		
11. Measure tape			44. Surgical needles		
12. Timer			45. Used instruments' tray		
13. Infusion set & IV cannula			46. Instrument cleaning jar		
14. Holder for IV infusions			47. Gynecological chair		
15. Medical tourniquet			48. Gynecologic. mirrors		
16. Sterilization cylinders (bixes)			49. Packer curved		
17. Disposable syringes/needles			50. Kocher		
18. Sharp disposal			51. Folkman spoon		
19. Spatula (metal)			52. Obstetrical stethoscope		
20. Spatula, wooden (boxes)			53. Subject glasses		
21. Tweezers (pincers)			54. Sterile bandages		
22. Scissor			55. Elastic bandages		
23. Forceps			56. Medical cotton wool		
24. Otoscope			57. Tape, adhesive		
25. Ophthalmoscope			58. Gloves, surgical, sterile		
26. Tool set for ear exam-adult			59. Examination gloves		
27. Tool set for ear exam-child			60. Medical splints		
28. Tool set for eye exam-adult			61. Stretchers		
29. Tool set for eye exam-child			62. Syringe for ear irrigation		
30. Tool set for nose exam-adult			63. Neurological hammer		
31. Tool set for nose exam-child			64. Disposable cups		
32. Glucometer			65. Uretric catheter-hard		
33. Strips for glucometer			66. Uretric catheter-soft		

### Attachment 3. Staff composition of target facilities in Lori and Shirak marzes

#	Facility name	Numbers of:									
		Doctors (overall)	Family doctors	GPs	Pediatricians	Midwives/feldshers	Nurses (overall)	District nurses (adult and pediatric)	Family nurses	Auxiliary staff	Non-medical staff
1	Aghin HC	1	1	0	0	2	2	0	1	3	1
2	Akhuryan pol.	20	1	3	1	1	44	6	1	4	7
3	Alaverdi pol.	28	1	7	5	0	30	11	1	4	16
4	Amasia HC	6	1	1	1	1	25	2	2	4	9
5	Anipemza HC	1	0	1	0	0	2	2	0	0	1
6	Dsegh HC	5	1	2	1	1	4	3	1	1	2
7	Margahovit HC	3	1	1	0	0	7	1	3	1	1
8	Mets Parni HC	10	1	4	3	1	24	3	1	3	4
9	Panik HC	5	1	2	0	4	10	9	1	4	3
10	Spitak pol.	31	1	6	7	2	45	12	1	5	7
11	Stepanavan pol.	24	0	4	7	0	35	13	0	4	10
12	Tashir pol.	24	1	5	6	0	25	7	0	3	8
13	Vahagni HC	1	1	0	0	0	3	1	2	1	2
14	Akhurik amb.	3	0	3	0	0	1	0	1	1	3
15	Anushavan	0	0	0	0	0	1	1	0	0	0
16	Arapi	0	0	0	0	0	2	2	0	0	0
17	Aregnademi	0	0	0	0	0	1	1	0	0	0
18	Aygabac	0	0	0	0	0	1	1	0	0	0
19	Bagravan	0	0	0	0	0	1	1	0	0	0
20	Bandivan	0	0	0	0	0	1	1	0	0	0
21	Bayandur	0	0	0	0	0	1	1	0	0	0
22	Dzoragyuch	0	0	0	0	0	1	1	0	0	0
23	Fialetovo	0	0	0	0	0	1	1	0	0	0
24	Garnarich	0	0	0	0	0	1	1	0	0	0
25	Ghursali	0	0	0	0	1	1	0	0	0	0
26	Gtashen	0	0	0	0	0	1	1	0	0	0
27	Haghat	0	0	0	0	0	1	1	0	0	0
28	Horom amb.	4	1	1	1	0	4	4	0	1	5
29	Hovit	0	0	0	0	0	1	1	0	0	0
30	Hovuni	0	0	0	0	0	1	1	0	0	0
31	Isahakyan	0	0	0	0	1	1	1	0	0	0
32	Jajur amb.	1	1	0	0	1	2	1	1	1	3
33	Jiliza	0	0	0	0	0	1	1	0	0	0
34	Jrapi	0	0	0	0	1	1	1	0	0	0
35	Jrashen amb.	4	2	1	1	1	5	2	1	1	1

#	Facility name	Numbers of:									
		Doctors (overall)	Family doctors	GPs	Pediatricians	Midwives/feldshers	Nurses (overall)	District nurses (adult and pediatric)	Family nurses	Auxiliary staff	Non-medical staff
36	Kamo	0	0	0	0	0	2	2	0	0	0
37	Kaps	0	0	0	0	1	1	0	0	0	0
38	Karnut	0	0	0	0	0	2	2	0	0	0
39	Katnachbyur amb.	1	0	1	0	0	1	1	0	0	0
40	Khnkoyan	0	0	0	0	0	1	1	0	0	0
41	Lermontovo	0	0	0	0	1	0	0	0	0	0
42	Lernahovit	0	0	0	0	0	1	1	0	0	0
43	Lernancq	0	0	0	0	0	1	1	0	0	0
44	Lernapat amb.	1	1	0	0	0	3	3	0	0	1
45	Lorut	0	0	0	0	0	1	1	0	0	0
46	Lusaghbyur L	0	0	0	0	0	1	1	0	0	0
47	Lusaghbyur S	0	0	0	0	0	1	1	0	0	0
48	Lusakert	0	0	0	0	0	1	1	0	0	0
49	Marmashen amb.	1	1	0	0	0	4	4	0	1	1
50	Mayisyan amb.	3	1	1	0	0	8	0	2	1	3
51	Medovka	0	0	0	0	0	1	1	0	0	0
52	Meghrashen	0	0	0	0	0	2	2	0	0	0
53	Novoselcevo	0	0	0	0	0	1	1	0	0	0
54	Sarahart	0	0	0	0	0	1	1	0	0	0
55	Saramej	0	0	0	0	0	1	1	0	0	0
56	Shamut	0	0	0	0	0	1	1	0	0	0
57	Shirak	0	0	0	0	0	2	2	0	0	0
58	Shirakavan	0	0	0	0	0	1	1	0	0	0
59	Shnogh amb.	2	1	0	1	1	4	2	1	1	2
60	Teghut	0	0	0	0	0	1	1	0	0	0
61	Tumanyan amb.	1	0	1	0	0	2	1	1	1	0
62	Urasar	0	0	0	0	0	1	1	0	0	0
63	Vardakar	0	0	0	0	0	1	1	0	0	0
64	Voskehask	0	0	0	0	1	4	3	0	0	0
	<b>Total</b>	<b>180</b>				<b>28</b>	<b>338</b>			<b>45</b>	<b>90</b>

**Attachment 4. Target facilities in Lori and Shirak marzes: ownership of the facility, number of rooms in use, number of functional vehicles, electricity availability**

#	Facility name	Ownership of the facility space	# of g/p cabinets/ rooms	# of those heated in winter	# of functional vehicles	Electricity availability (hours/day)
1	Aghin HC	yes	2	1	0	24
2	Akhuryan pol.	yes	5	5	0	24
3	Alaverdi pol.	yes	10	10	2	24
4	Amasia HC	yes	2	2	1	24
5	Anipemza HC	yes	1	1	0	24
6	Dsegh HC	yes	3	3	1	24
7	Margahovit HC	yes	3	2	0	24
8	Mets Parni HC	yes	2	2	1	24
9	Panik HC	yes	4	4	1	24
10	Spitak pol.	yes	7	7	2	24
11	Stepanavan pol.	yes	6	6	2	24
12	Tashir pol.	yes	11	11	0	24
13	Vahagni HC	yes	2	2	0	24
14	Akhurik amb.	yes	1	1	0	24
15	Anushavan	yes	2	1	0	0
16	Arapi	no	1	1	0	24
17	Aregrademi	yes	1	0	0	0
18	Aygabac	no	1	1	0	24
19	Bagravan	yes	2	0	0	0
20	Bandivan	yes	1	0	0	0
21	Bayandur	no	2	1	0	24
22	Dzoragyuch	no	1	0	0	0
23	Fialetovo	no	1	1	0	0
24	Garnarich	no	1	0	0	0
25	Ghursali	no	2	0	0	24
26	Gtashen	yes	3	1	0	24
27	Haghpat	no	3	1	0	24
28	Horom amb.	no	7	6	0	24
29	Hovit	yes	1	1	0	24
30	Hovuni	yes	6	1	0	24
31	Isahakyan	yes	1	0	0	24
32	Jajur amb.	yes	8	5	1	24
33	Jiliza	no	2	0	0	5
34	Jrapi	no	1	0	0	24
35	Jrashen amb.	yes	7	8	0	24
36	Kamo	no	1	1	0	24
37	Kaps	no	1	1	0	24
38	Karnut	no	1	1	0	24
39	Katnachbyur amb.	no	1	0	0	0
40	Khnkoyan	no	3	1	0	24
41	Lermontovo	no	1	0	0	24
42	Lernahovit	no	3	2	0	24
43	Lernancq	no	1	0	0	24
44	Lernapat amb.	yes	5	2	0	24
45	Lorut	no	3	1	0	24
46	Lusaghbyur_L	yes	2	1	0	24
47	Lusaghbyur_S	no	1	1	0	24
48	Lusakert	no	1	1	0	24
49	Marmashen amb.	yes	6	3	0	24
50	Mayisyan amb.	yes	9	3	1	24
51	Medovka	no	1	1	0	24
52	Meghrashen	yes	1	1	0	24
53	Novoselcevo	no	0	0	0	0

#	Facility name	Ownership of the facility space	# of g/p cabinets/ rooms	# of those heated in winter	# of functional vehicles	Electricity availability (hours/day)
54	Sarahart	no	1	1	0	24
55	Saramej	no	1	1	0	24
56	Shamut	no	1	.	0	0
57	Shirak	yes	1	1	0	24
58	Shirakavan	no	2	1	0	24
59	Shnogh amb.	yes	8	2	1	24
60	Teghut	no	2	1	0	24
61	Tumanyan amb.	yes	7	4	0	24
62	Urasar	no	1	0	0	0
63	Vardakar	no	1	1	0	24
64	Voskehask	yes	1	1	0	24

**Attachment 5. #s of functioning equipment/supplies in target FAPs & SVAs of Lori & Shirak-1**

	Marz	Village	1.Stetho-phonend o-scope	2.Sphyg-nomano-meter	3.Ther-mometer	4.Refri-gerator	5.Cold Chain Igloo	6.Tongue holder and gag	7.Height measurer -child	8.Height measurer - adult	9.Scale - child	10.Scale - adult	11.Meas-ure tape	12.Timer
1	Shirak	Akhurik	2	2	5	1	1	2	1	1	1	1	1	1
2	Shirak	Anushavan	1	1	1	0	1	0	1	0	1	1	1	0
3	Shirak	Arapi	1	1	5	0	2	0	1	1	2	1	1	0
4	Shirak	Aregnademi	1	1	1	0	0	0	0	1	1	0	1	0
5	Shirak	Aygabac	2	2	2	0	1	1	0	1	2	2	1	0
6	Shirak	Bagravan	1	1	1	0	1	0	0	1	0	1	1	0
7	Shirak	Bandivan	2	2	4	0	1	0	1	1	1	1	1	0
8	Shirak	Bayandur	2	2	6	0	1	0	1	1	1	1	2	0
9	Lori	Dzoragyuch	2	0	1	0	1	0	0	0	1	0	1	0
10	Lori	Fialetovo	1	0	1	0	0	0	0	0	1	0	100	0
11	Shirak	Garnarich	1	1	1	0	1	0	0	0	0	0	0	0
12	Lori	Ghursali	1	1	1	0	1	0	1	1	1	1	1	0
13	Shirak	Gtashen	1	1	1	0	1	1	1	1	1	1	1	0
14	Lori	Haghpat	1	1	1	1	0	1	1	1	2	0	11	0
15	Shirak	Horom	3	3	5	1	1	3	2	1	2	1	1	1
16	Shirak	Hovit	1	1	4	0	1	0	1	2	1	1	1	1
17	Shirak	Hovuni	1	0	5	1	2	1	1	1	1	1	1	0
18	Shirak	Isahakyan	2	1	2	0	1	0	0	1	1	1	1	0
19	Shirak	Jajur	3	3	6	3	2	1	3	2	2	2	2	1
20	Lori	Jiliza	0	1	2	0	1	0	1	1	2	1	0	0
21	Shirak	Jrapi	2	0	1	0	1	0	1	0	0	1	1	1
22	Lori	Jrashen	2	3	3	2	1	0	1	1	1	4	1	1
23	Shirak	Kamo	1	0	2	0	1	0	1	1	1	1	1	0
24	Shirak	Kaps	2	2	4	0	1	1	0	1	1	1	1	0
25	Shirak	Karnut	1	1	6	0	1	0	1	1	1	2	1	0
26	Lori	Katnachbyur	1	1	1	0	0	1	0	0	0	0	0	0
27	Lori	Khnkoyan	1	1	0	0	1	1	0	0	1	0	0	0
28	Lori	Lermontovo	1	1	2	0	1	0	0	0	2	0	100	0
29	Lori	Lernahovit	1	1	0	0	1	0	0	0	1	0	100	0
30	Lori	Lernancq	1	1	3	0	1	1	1	1	1	1	1	0
31	Lori	Lernapat	2	0	2	0	1	2	0	0	0	0	0	0
32	Lori	Lorut	1	1	3	1	1	0	0	0	1	0	0	0
33	Lori	Lusaghbyur_L	2	1	0	0	1	0	1	0	1	0	1	0
34	Shirak	Lusaghbyur_S	1	1	1	0	1	0	0	1	0	1	1	0
35	Shirak	Lusakert	1	1	5	0	1	0	1	2	1	1	1	0
36	Shirak	Marmashen	4	3	4	2	2	2	2	2	2	1	4	2
37	Shirak	Mayisyan	3	3	4	2	2	2	1	3	2	1	1	1
38	Lori	Medovka	1	2	0	0	1	0	0	0	1	0	0	0
39	Shirak	Meghrashen	1	1	1	0	2	0	1	1	1	1	1	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	2	1	0	0	1	0	1	0	0	0	20	0
42	Lori	Saramej	1	1	1	0	1	0	0	1	1	1	1	0
43	Lori	Shamut	1	1	0	0	1	0	1	0	1	0	100	0
44	Shirak	Shirak	1	1	1	0	1	0	1	1	1	1	1	0
45	Shirak	Shirakavan	1	1	1	0	1	0	0	1	0	1	1	0
46	Lori	Shnogh	4	2	5	1	1	1	1	1	1	1	20	0
47	Lori	Teghut	1	1	1	0	1	0	0	0	1	0	100	0
48	Lori	Tumanyan	4	1	4	0	2	1	1	0	1	0	400	0
49	Lori	Urasar	0	1	1	1	0	0	0	0	0	0	0	0
50	Shirak	Vardakar	1	1	1	0	1	0	1	1	1	1	1	0
51	Shirak	Voskehask	1	1	3	0	1	1	1	1	2	1	1	0

**Numbers of functioning equipment/supplies in target FAPs and SVAs of Lori and Shirak marzes-2**

	Marz	Village	13.Infusion set & IV cannula	14.Medical tourniquet	15.Sterilization cylinders	16.Sterilization boxes	17.Dry sterilization	18.Dispos. syringes/ needles	19.Sharp disposal	20.Spatula (metal)	21.Spatula, wooden (boxes)	22.Tweezers (pincers)	23.Scissor	24.Forceps
1	Shirak	Akhurik	3	2	2	0	1	250	1	0	5	10	4	3
2	Shirak	Anushavan	0	0	0	0	0	10	1	0	0	0	0	0
3	Shirak	Arapi	0	2	1	1	0	50	10	0	1	1	0	0
4	Shirak	Aregnademi	0	0	0	0	0	4	1	0	0	0	0	0
5	Shirak	Aygabac	0	1	1	0	0	20	1	0	0	0	1	0
6	Shirak	Bagravan	0	0	1	0	0	0	1	1	0	2	1	0
7	Shirak	Bandivan	1	1	2	2	0	30	4	2	10	4	3	0
8	Shirak	Bayandur	0	2	2	9	0	50	11	2	2	1	1	0
9	Lori	Dzoragyuch	1	0	0	0	0	10	2	0	1	1	1	1
10	Lori	Fialetovo	0	1	0	0	0	25	1	0	1	1	1	1
11	Shirak	Garnarich	0	0	1	1	0	10	2	2	5	1	1	0
12	Lori	Ghursali	0	1	1	1	0	10	1	0	1	0	1	0
13	Shirak	Gtashen	0	1	2	1	0	20	1	2	.	1	1	1
14	Lori	Haghpat	0	2	2	0	0	0	1	0	0	0	1	1
15	Shirak	Horom	0	2	1	1	1	100	1	10	5	3	3	1
16	Shirak	Hovit	1	1	1	1	0	30	4	0	15	0	1	0
17	Shirak	Hovuni	0	0	2	1	1	100	8	1	1	0	2	1
18	Shirak	Isahakyan	0	1	0	0	0	25	1	0	0	1	0	0
19	Shirak	Jajur	5	2	2	0	0	157	7	1	100	5	4	5
20	Lori	Jiliza	0	0	1	0	0	10	5	0	0	0	0	0
21	Shirak	Jrapi	0	1	0	0	0	0	1	0	15	1	1	0
22	Lori	Jrashen	0	1	1	1	1	100	10	1	0	2	4	4
23	Shirak	Kamo	0	0	1	0	0	10	1	0	0	1	1	0
24	Shirak	Kaps	0	0	0	0	0	0	10	0	0	0	1	0
25	Shirak	Karnut	1	1	0	1	0	50	7	0	1	4	2	1
26	Lori	Katnachbyur	0	1	1	0	0	20	1	1	1	0	1	1
27	Lori	Khnkoyan	0	0	0	0	0	0	1	0	1	1	1	5
28	Lori	Lermontovo	0	0	1	0	0	0	1	0	1	1	1	1
29	Lori	Lernahovit	0	1	0	0	0	0	0	0	0	1	1	0
30	Lori	Lernancq	2	0	2	0	0	52	5	0	1	0	0	2
31	Lori	Lernapat	4	1	4	1	0	17	6	1	1	2	2	1
32	Lori	Lorut	2	0	0	0	0	10	3	0	0	0	0	0
33	Lori	Lusaghbyur_L	0	0	2	2	0	10	1	1	1	1	1	1
34	Shirak	Lusaghbyur_S	0	1	0	1	0	30	1	0	0	0	1	0
35	Shirak	Lusakert	0	1	0	1	0	15	6	0	20	1	1	0
36	Shirak	Marmashen	2	2	4	1	1	100	8	4	0	3	5	1
37	Shirak	Mayisyan	0	2	6	0	1	10	2	2	4	6	3	4
38	Lori	Medovka	0	1	1	0	0	0	1	0	1	0	0	0
39	Shirak	Meghrashen	0	1	0	0	0	14	10	0	0	0	1	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	0	1	0	1	0	0	1	1	1	1	0	0
42	Lori	Saramej	0	0	0	0	0	10	8	0	0	0	0	0
43	Lori	Shamut	0	0	0	0	0	0	0	0	0	0	0	0
44	Shirak	Shirak	0	0	1	0	0	20	1	1	1	1	1	0
45	Shirak	Shirakavan	0	1	0	0	0	20	1	0	1	1	1	0
46	Lori	Shnogh	4	4	5	3	0	100	4	3	0	4	4	4
47	Lori	Teghut	0	1	1	.	.	2	1	0	1	1	1	1
48	Lori	Tumanyan	5	2	4	2	1	50	10	1	0	3	5	4
49	Lori	Urasar	0	0	0	0	0	2	0	0	0	0	0	0
50	Shirak	Vardakar	0	1	1	0	0	4	1	1	1	0	1	0
51	Shirak	Voskehask	0	0	1	1	0	20	5	0	1	1	1	1

**Numbers of functioning equipment/supplies in target FAPs and SVAs of Lori and Shirak marzes-3**

	Marz	Village	25. ECG	26. Otoscope	27. Ophthalmoscope	28. Tool set for ear exam-adult	29. Tool set for ear exam-child	30. Tool set for eye exam-adult	31. Tool set for eye exam-child	32. Tool set for nose exam-adult	33. Tool set for nose exam-child	34. Bactericide lamp	35. Holder for IV infusions	36. Gauze masks
1	Shirak	Akhurik	0	0	0	0	0	0	0	0	0	0	1	2
2	Shirak	Anushavan	0	0	0	0	0	0	0	0	0	0	0	0
3	Shirak	Arapi	0	0	0	0	0	0	0	0	0	0	0	10
4	Shirak	Aregnademi	0	0	0	0	0	0	0	0	0	0	0	0
5	Shirak	Aygabac	0	0	0	0	0	0	0	0	0	0	0	0
6	Shirak	Bagravan	0	0	0	0	0	0	0	0	0	0	0	0
7	Shirak	Bandivan	0	0	0	0	0	0	0	0	0	0	0	1
8	Shirak	Bayandur	0	0	0	0	0	0	0	0	0	0	0	1
9	Lori	Dzoragyuch	0	0	0	0	0	0	0	0	0	0	1	0
10	Lori	Fialetovo	0	0	0	0	0	0	0	0	0	0	0	0
11	Shirak	Garnarich	0	0	0	0	0	0	0	0	0	0	0	0
12	Lori	Ghursali	0	0	0	0	0	0	0	0	0	0	0	0
13	Shirak	Gtashen	0	0	0	0	0	0	0	0	0	0	0	0
14	Lori	Haghpat	0	0	0	0	0	0	0	0	0	0	0	50
15	Shirak	Horom	1	1	1	1	1	0	0	1	0	3	3	50
16	Shirak	Hovit	0	0	0	0	0	0	0	0	0	0	0	1
17	Shirak	Hovuni	1	1	1	0	0	0	0	0	0	0	0	0
18	Shirak	Isahakyan	0	0	0	0	0	0	0	0	0	0	0	0
19	Shirak	Jajur	1	1	1	1	0	0	0	0	0	3	3	2
20	Lori	Jiliza	0	0	0	0	.	0	0	0	0	0	0	0
21	Shirak	Jrapi	0	0	0	0	0	0	0	0	0	0	0	1
22	Lori	Jrashen	1	1	0	0	0	0	0	0	0	0	2	10
23	Shirak	Kamo	0	0	0	0	0	0	0	0	0	0	0	0
24	Shirak	Kaps	0	0	0	0	0	0	0	0	0	0	0	0
25	Shirak	Karnut	0	0	0	0	0	0	0	0	0	0	0	2
26	Lori	Katnachbyur	0	0	0	0	0	0	0	0	0	0	0	0
27	Lori	Khnkoyan	0	0	0	0	0	0	0	0	0	0	0	0
28	Lori	Lermontovo	0	0	0	0	0	0	0	0	0	0	0	0
29	Lori	Lernahovit	0	0	0	0	0	0	0	0	0	0	0	0
30	Lori	Lernancq	0	0	0	0	0	0	0	0	0	0	0	1
31	Lori	Lernapat	0	0	0	0	0	0	0	0	0	0	0	10
32	Lori	Lorut	0	0	0	0	0	0	0	0	0	0	1	0
33	Lori	Lusaghbyur_L	0	1	0	0	0	0	0	0	0	0	0	2
34	Shirak	Lusaghbyur_S	0	0	0	0	0	0	0	0	0	0	0	3
35	Shirak	Lusakert	0	0	0	0	0	0	0	0	0	0	0	1
36	Shirak	Marmashen	1	1	1	1	1	1	1	1	1	4	3	50
37	Shirak	Mayisyan	1	1	1	3	3	0	0	1	1	3	1	6
38	Lori	Medovka	0	0	0	0	0	0	0	0	0	0	0	0
39	Shirak	Meghrashen	0	0	0	0	0	0	0	0	0	0	0	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	0	0	0	0	0	0	0	0	0	0	0	1
42	Lori	Saramej	0	0	0	0	0	0	0	0	0	0	0	0
43	Lori	Shamut	0	0	0	0	0	0	0	0	0	0	0	0
44	Shirak	Shirak	0	0	0	0	0	0	0	0	0	0	0	2
45	Shirak	Shirakavan	0	0	0	0	0	0	0	0	0	0	0	1
46	Lori	Shnogh	0	1	1	1	1	1	1	1	1	3	2	15
47	Lori	Teghut	0	0	0	0	0	0	0	0	0	0	0	0
48	Lori	Tumanyan	0	2	2	50	50	0	0	0	0	0	2	4
49	Lori	Urasar	0	0	0	0	0	0	0	0	0	0	0	0
50	Shirak	Vardakar	0	0	0	0	0	0	0	0	0	0	0	1
51	Shirak	Voskehask	0	0	0	0	0	0	0	0	0	0	0	4

**Numbers of functioning equipment/supplies in target FAPs and SVAs of Lori and Shirak marzes-4**

	Marz	Village	37.Surgical thread (packs)	38.Tube (nasogastric)	39. Scalpel	40. Scalpel holder	41.Tray for instruments	42.Needle holder	43. Surgical needles	44. Used instruments' tray	45.Instrument cleaning jar	46. Gynecological chair	47. Gynecological mirrors	48. Packer curved
1	Shirak	Akhurik	0	0	0	0	1	1	4	4	1	0	0	0
2	Shirak	Anushavan	0	0	0	0	0	0	0	0	0	0	0	0
3	Shirak	Arapi	0	0	0	0	0	0	0	1	0	0	0	0
4	Shirak	Aregnademi	0	0	0	0	0	0	0	0	0	0	0	0
5	Shirak	Aygabac	0	0	0	0	0	0	0	3	1	0	0	0
6	Shirak	Bagravan	0	0	0	0	0	0	0	0	0	0	0	0
7	Shirak	Bandivan	0	0	0	0	0	0	0	3	0	1	6	0
8	Shirak	Bayandur	0	0	0	0	0	0	0	2	1	0	2	0
9	Lori	Dzoragyuch	3	0	0	0	0	0	0	2	0	0	0	0
10	Lori	Fialetovo	0	0	0	0	0	0	0	0	0	0	0	0
11	Shirak	Garnarich	0	0	0	0	0	0	0	2	0	0	0	0
12	Lori	Ghursali	0	0	0	0	0	0	0	0	0	0	0	0
13	Shirak	Gtashen	0	0	0	0	0	1	0	1	1	0	0	0
14	Lori	Haghpat	0	0	0	0	0	0	0	0	0	0	0	0
15	Shirak	Horom	1	1	1	1	1	1	5	4	2	1	0	0
16	Shirak	Hovit	0	0	0	0	0	0	0	2	0	0	0	0
17	Shirak	Hovuni	10	1	1	1	2	1	0	3	1	1	2	1
18	Shirak	Isahakyan	0	0	0	0	0	0	0	1	0	0	0	0
19	Shirak	Jajur	0	0	50	2	2	2	10	4	2	1	5	1
20	Lori	Jiliza	0	0	0	0	0	0	0	0	0	0	0	0
21	Shirak	Jrapi	0	0	0	0	0	0	0	1	0	0	0	0
22	Lori	Jrashen	0	0	0	0	3	0	0	5	2	1	0	0
23	Shirak	Kamo	0	0	0	0	0	0	0	1	0	0	0	0
24	Shirak	Kaps	0	0	0	0	0	0	0	2	0	0	0	0
25	Shirak	Karnut	0	0	0	0	0	0	0	1	0	0	0	1
26	Lori	Katnachbyur	0	0	0	0	0	0	0	0	0	0	0	0
27	Lori	Khnkoyan	0	0	0	0	0	0	0	0	0	0	0	0
28	Lori	Lermontovo	0	0	0	0	0	0	0	0	0	0	0	0
29	Lori	Lernahovit	0	0	0	0	0	0	0	0	0	0	0	0
30	Lori	Lernancq	0	0	0	0	0	0	0	1	0	0	0	0
31	Lori	Lernapat	0	2	2	1	0	1	0	2	0	0	0	0
32	Lori	Lorut	0	0	0	0	0	0	0	0	0	0	1	0
33	Lori	Lusaghbyur_L	0	0	1	1	0	0	0	0	0	0	0	0
34	Shirak	Lusaghbyur_S	0	0	0	0	0	0	0	1	0	0	0	0
35	Shirak	Lusakert	0	0	0	0	0	0	0	0	0	0	0	0
36	Shirak	Marmashen	1	1	45	5	1	4	200	6	5	1	6	1
37	Shirak	Mayisyan	0	0	0	2	3	1	30	6	4	1	4	0
38	Lori	Medovka	0	0	0	0	0	0	0	0	0	0	0	0
39	Shirak	Meghrashen	0	0	0	0	0	0	0	0	0	0	0	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	0	0	0	0	0	0	30	0	0	0	0	0
42	Lori	Saramej	0	0	0	0	0	0	0	0	0	0	0	0
43	Lori	Shamut	0	0	0	0	0	0	0	0	0	0	0	0
44	Shirak	Shirak	0	0	0	0	0	0	0	1	0	0	0	0
45	Shirak	Shirakavan	0	0	0	0	0	0	0	1	1	0	0	0
46	Lori	Shnogh	2	0	13	3	1	2	20	3	0	1	2	0
47	Lori	Teghut	0	0	0	0	0	0	0	0	0	0	0	0
48	Lori	Tumanyan	2	0	1	1	1	3	0	30	0	3	10	0
49	Lori	Urasar	0	0	0	0	0	0	0	0	0	0	0	0
50	Shirak	Vardakar	0	0	0	0	0	0	0	1	0	0	0	0
51	Shirak	Voskehask	0	0	0	0	0	0	0	0	0	0	0	0

**Numbers of functioning equipment/supplies in target FAPs and SVAs of Lori and Shirak marzes-5**

	Marz	Village	49. Kocher	50. Folkman spoon	51. Obstetrical stethoscope	52. Subject glasses	53. Sterile bandages	54. Elastic bandages	55. Medical cotton wool	56. Tape, adhesive	57. Gloves, surgical, sterile	58. Examination gloves	59. Medical splints	60. Stretchers
1	Shirak	Akhurik	0	0	1	10	100	0	2	10	10	50	0	1
2	Shirak	Anushavan	0	0	0	0	1	0	1	0	0	0	0	0
3	Shirak	Arapi	0	0	1	0	4	2	1	1	2	50	1	1
4	Shirak	Aregnademi	0	0	0	0	0	0	4	0	0	5	0	0
5	Shirak	Aygabac	0	0	1	0	1	0	2	1	0	25	2	1
6	Shirak	Bagravan	0	0	1	0	0	0	1	0	0	3	0	0
7	Shirak	Bandivan	0	0	1	0	0	0	3	0	0	50	0	0
8	Shirak	Bayandur	1	0	4	0	1	1	4	1	2	80	20	1
9	Lori	Dzoragyuch	0	0	0	0	2	0	2	1	2	20	0	0
10	Lori	Fialetovo	0	0	0	0	0	0	1	0	1	2	0	0
11	Shirak	Garnarich	0	0	0	0	1	0	1	0	0	1	0	0
12	Lori	Ghursali	0	0	3	0	0	0	1	1	0	3	0	0
13	Shirak	Gtashen	0	0	2	0	3	1	1	0	0	10	0	0
14	Lori	Haghpat	0	0	0	0	0	6	0	0	2	0	1	1
15	Shirak	Horom	0	2	2	20	2	5	5	1	1	200	2	1
16	Shirak	Hovit	0	0	1	0	1	0	1	1	1	20	5	1
17	Shirak	Hovuni	1	0	1	0	80	10	100	3	2	50	9	1
18	Shirak	Isahakyan	0	0	1	0	0	1	2	0	0	0	0	0
19	Shirak	Jajur	1	0	2	200	10	5	4	1	5	100	0	2
20	Lori	Jiliza	0	0	0	0	0	0	0	0	0	70	0	0
21	Shirak	Jrapi	0	0	1	0	2	0	2	3	0	10	0	0
22	Lori	Jrashen	0	0	1	15	0	2	1	8	0	100	4	1
23	Shirak	Kamo	0	0	1	0	1	0	1	0	0	1	0	0
24	Shirak	Kaps	0	0	1	0	0	0	1	10	0	50	0	1
25	Shirak	Karnut	0	0	1	0	2	0	3	0	4	10	3	1
26	Lori	Katnachbyur	0	0	1	0	0	1	0	0	0	20	0	0
27	Lori	Khnkoyan	0	0	0	0	0	5	1	3	3	0	0	0
28	Lori	Lermontovo	0	0	1	0	0	0	1	0	0	60	0	0
29	Lori	Lernahovit	0	0	0	0	0	0	0	0	0	0	0	0
30	Lori	Lernancq	0	0	1	0	6	2	2	20	33	0	0	0
31	Lori	Lernapat	0	0	0	20	0	3	0	0	0	20	0	1
32	Lori	Lorut	0	0	0	0	5	0	2	0	0	0	0	0
33	Lori	Lusaghbyur_L	0	0	1	0	0	0	0	0	3	10	0	0
34	Shirak	Lusaghbyur_S	0	0	1	0	0	0	1	1	0	10	0	0
35	Shirak	Lusakert	0	0	1	0	1	0	1	5	0	60	0	0
36	Shirak	Marmashen	1	1	2	100	2	20	4	2	200	200	2	2
37	Shirak	Mayisyan	1	0	2	100	3	0	2	3	0	600	5	3
38	Lori	Medovka	0	0	0	0	0	0	0	0	0	2	0	0
39	Shirak	Meghrashen	0	0	1	0	4	0	0	0	0	2	0	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	0	0	0	0	0	0	1	0	1	0	0	0
42	Lori	Saramej	0	0	1	0	0	0	0	0	0	10	0	0
43	Lori	Shamut	0	0	0	0	0	0	0	0	0	10	0	0
44	Shirak	Shirak	0	0	1	0	2	0	2	0	0	10	0	1
45	Shirak	Shirakavan	0	0	1	0	3	0	2	2	0	10	0	0
46	Lori	Shnogh	0	1	2	20	2	10	4	5	20	0	1	2
47	Lori	Teghut	0	0	0	0	0	0	0	0	2	0	0	1
48	Lori	Tumanyan	0	0	0	10	2	4	0	0	5	20	0	1
49	Lori	Urasar	0	0	0	0	0	0	0	0	0	0	0	0
50	Shirak	Vardakar	0	0	0	0	1	0	1	0	0	4	0	0
51	Shirak	Voskehask	0	0	1	0	2	0	10	1	0	40	1	0

**Number of functioning equipment supplies in FAPs and SVAs of Lori and Shirak marzes-6**

	Marz	Village	61. Syringe for ear irrigation	62. Neurological hammer	63. Disposable cups	64. Uretric catheter-hard	65. Uretric catheter-soft	66. Gluco-meter	67. Tests for glucometer	68. Autoclave	69. Microscope	70. Emergency care kit
1	Shirak	Akhurik	0	0	0	1	1	1	1	0	0	1
2	Shirak	Anushavan	0	0	0	0	0	0	0	0	0	0
3	Shirak	Arapi	0	0	0	0	0	0	50	0	0	1
4	Shirak	Aregnademi	0	0	0	0	0	0	0	0	0	0
5	Shirak	Aygabac	0	0	0	0	0	1	40	0	0	1
6	Shirak	Bagravan	0	0	0	0	0	0	0	0	0	0
7	Shirak	Bandivan	0	0	0	0	1	1	25	0	0	0
8	Shirak	Bayandur	1	1	0	1	1	1	50	0	0	0
9	Lori	Dzoragyuch	0	1	0	0	0	0	0	0	0	0
10	Lori	Fialetovo	0	1	0	0	0	0	0	0	0	1
11	Shirak	Garnarich	0	0	0	0	0	0	0	0	0	0
12	Lori	Ghursali	0	0	0	0	0	1	0	0	0	0
13	Shirak	Gtashen	0	1	0	1	0	1	1	0	0	0
14	Lori	Haghpat	0	0	0	0	0	2	0	0	0	0
15	Shirak	Horom	1	1	0	1	1	1	200	2	2	1
16	Shirak	Hovit	0	0	0	0	0	1	10	0	0	0
17	Shirak	Hovuni	0	0	0	5	5	5	40	0	0	1
18	Shirak	Isahakyan	0	0	0	0	0	0	0	0	0	0
19	Shirak	Jajur	1	1	0	1	0	2	10	1	1	0
20	Lori	Jiliza	1	1	0	0	0	0	0	0	0	0
21	Shirak	Jrapi	0	0	10	0	0	0	0	0	0	0
22	Lori	Jrashen	1	1	1	0	0	1	0	3	4	1
23	Shirak	Kamo	0	0	0	0	0	1	1	0	0	0
24	Shirak	Kaps	0	0	0	0	0	1	50	0	0	0
25	Shirak	Karnut	0	0	0	0	0	1	0	0	0	0
26	Lori	Katnachbyur	0	0	0	0	0	0	0	0	0	0
27	Lori	Khnkoyan	0	1	0	0	0	0	10	0	0	0
28	Lori	Lermontovo	0	1	0	0	0	0	0	0	0	0
29	Lori	Lernahovit	0	0	0	0	0	1	0	0	0	0
30	Lori	Lernancq	0	0	0	0	0	1	25	0	0	0
31	Lori	Lernapat	1	1	0	0	0	0	0	0	0	0
32	Lori	Lorut	0	0	0	0	0	0	0	0	0	0
33	Lori	Lusaghbyur_L	0	1	0	0	0	0	0	0	0	0
34	Shirak	Lusaghbyur_S	0	0	0	0	0	0	0	0	0	0
35	Shirak	Lusakert	0	0	0	0	0	1	45	0	0	0
36	Shirak	Marmashen	1	1	0	3	4	1	120	2	1	1
37	Shirak	Mayisyan	1	1	0	1	2	2	0	3	1	2
38	Lori	Medovka	0	0	0	0	0	0	0	0	0	0
39	Shirak	Meghrashen	0	0	0	0	0	0	0	0	0	0
40	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.
41	Lori	Sarahart	0	1	0	2	2	1	0	0	0	0
42	Lori	Saramej	0	0	0	0	0	1	5	0	0	0
43	Lori	Shamut	0	0	0	0	0	0	1	0	0	0
44	Shirak	Shirak	0	0	0	0	0	0	0	0	0	0
45	Shirak	Shirakavan	0	0	0	0	0	0	0	0	0	0
46	Lori	Shnogh	1	1	0	0	1	1	0	1	2	1
47	Lori	Teghut	1	1	0	0	.	1	0	0	0	0
48	Lori	Tumanyan	0	2	0	0	1	1	0	0	0	0
49	Lori	Urasar	0	0	0	0	0	0	0	0	0	0
50	Shirak	Vardakar	0	0	0	0	0	0	0	0	0	0
51	Shirak	Voskehask	0	0	0	0	0	0	0	0	0	1

### Attachment 6. Equipment/supplies in Target Polyclinics and Health Centers of Lori and Shirak Marzes-1

	Marz	Location	1.Stethoscope	2.Sphygmomanometer	3.Thermometer	4.Refrigerator	5.Cold Chain Igloo	6.Tongue holder and gag	7.Height measurer-child	8.Height measurer-adult	9.Scale - child	10.Scale - adult	11.Measuring tape	12.Timer	13.Infusion set & IV cannula	14.Holder for IV infusions	15.Medical tourniquet	16.Sterilization cylinders (boxes)
1	Shirak	Aghin	3	3	5	1	2	2	1	2	1	2	1	0	2	3	3	2
2	Shirak	Akhuryan	4	3	6	1	0	1	1	0	1	2	0	0	2	1	2	2
3	Lori	Alaverdi	13	8	11	4	1	1	2	2	3	1	3	1	1	0	3	3
4	Shirak	Amasia	3	3	4	1	0	1	1	2	1	0	1	0	1	2	1	1
5	Shirak	Anipemza*	1	1	3	0	0	1	1	1	1	1	0	0	0	0	1	0
6	Lori	Dsegh	2	2	5	1	1	1	1	1	1	1	2	0	2	2	4	2
7	Lori	Margahovit	2	2	5	1	2	2	1	1	1	1	2	0	1	1	2	2
8	Lori	Mets Parni	2	2	4	1	2	2	2	2	2	2	2	0	2	2	3	1
9	Shirak	Panik	4	4	5	2	1	2	2	2	3	3	2	0	5	3	4	6
10	Lori	Spitak	11	9	24	1	0	0	3	1	3	1	8	0	5	5	3	1
11	Lori	Stepanavan	10	1	7	2	0	2	2	0	2	0	10	0	1	1	3	0
12	Lori	Tashir	11	9	11	2	0	1	5	5	3	3	7	1	0	0	5	4
13	Lori	Vahagni	4	1	3	0	1	1	2	3	2	2	2	0	5	3	3	2

\* Received the full set of medical equipment provided by WB, but the equipment is still placed in the storage.

### Equipment/supplies in Target Polyclinics and Health Centers of Lori and Shirak Marzes-2

	Marz	Location	17.Disposable syringes /needles	18.Sharp disposal	19.Spatula (metal)	20.Spatula, wooden (boxes)	21.Tweezers (pincers)	22.Scissor	23.Forceps	24.Otoscope	25.Ophthalmoscope	26.Tool set for ear exam-adult	27.Tool set for ear exam-child	28.Tool set for eye exam-adult	29.Tool set for eye exam-child	30.Tool set for nose exam-adult	31.Tool set for nose exam-child
1	Shirak	Aghin	44	14	5	0	1	2	2	1	1	2	1	2	1	2	1
2	Shirak	Akhuryan	30	0	0	0	0	1	0	0	0	0	0	0	0	0	0
3	Lori	Alaverdi	210	3	1	11	3	9	2	0	0	0	0	0	0	0	0
4	Shirak	Amasia	5	1	0	0	0	2	0	0	0	0	0	0	0	0	0
5	Shirak	Anipemza	19	10	0	0	0	1	0	0	0	0	0	0	0	0	0
6	Lori	Dsegh	35	8	2	2	5	6	5	2	2	0	0	0	0	0	0
7	Lori	Margahovit	25	3	2	3	4	5	5	0	0	1	1	0	0	1	1
8	Lori	Mets Parni	13	1	6	3	3	5	5	3	3	2	2	2	2	2	2
9	Shirak	Panik	37	2	2	1100	8	8	10	1	1	1	1	1	1	1	1
10	Lori	Spitak	70	3	0	61	2	12	0	0	0	0	0	0	0	0	0
11	Lori	Stepanavan	205	2	0	23	4	9	2	0	0	0	0	0	0	0	0
12	Lori	Tashir	0	2	3	11	9	15	13	0	0	0	0	0	0	0	0
13	Lori	Vahagni	100	30	10	4	15	15	15	3	3	50	50	0	0	1	1

**Equipment/supplies in Target Polyclinics and Health Centers of Lori and Shirak Marzes-3**

	Marz	Location	32.Gluco- meter	33.Strips for glucometer	34.Electro- cardio- graph	35. Dry steriliza- tion	36.Bacte- ricide lamp	37.Gauze masks	38.Surgical thread (packs)	39.Tube (nasogas- tric)	40.Scalpel	41.Scalpel holder	42.Tray for instru- ments	43.Needle holder
1	Shirak	Aghin	1	0	2	0	4	7	2	2	7	7	5	17
2	Shirak	Akhuryan	1	0	0	0	1	7	0	0	0	0	0	0
3	Lori	Alaverdi	0	0	1	0	0	36	0	0	0	0	0	0
4	Shirak	Amasia	0	0	1	0	0	5	0	0	0	0	0	0
5	Shirak	Anipemza	0	0	0	0	0	0	0	0	0	0	0	0
6	Lori	Dsegh	0	0	1	0	0	7	7	0	3	1	4	4
7	Lori	Margahovit	1	0	1	1	0	4	16	9	11	2	1	2
8	Lori	Mets Parni	2	0	0	0	0	4	0	0	0	0	0	1
9	Shirak	Panik	1	50	1	1	3	11	24	3	23	7	3	5
10	Lori	Spitak	1	0	0	0	1	23	0	1	0	0	0	0
11	Lori	Stepanavan	0	0	0	0	1	19	1	1	1	1	0	0
12	Lori	Tashir	0	0	3	0	2	18	3	0	2	0	1	4
13	Lori	Vahagni	2	3	1	1	2	15	100	0	3	3	13	9

**Equipment/supplies in Target Polyclinics and Health Centers of Lori and Shirak Marzes-4**

	Marz	Location	44.Surgi- cal needles	45.Used instrumen ts' tray	46.Instru- ment cleaning jar	47.Gyne- cological chair	48.Gyne- cological mirrors	49.Packer curved	50.Kocher	51.Folkma n spoon	53.Subject glasses	58.Gloves, surgical, sterile	59.Exami- nation gloves	60.Medical splints
1	Shirak	Aghin	43	6	2	0	1	1	1	1	0	14	500	3
2	Shirak	Akhuryan	0	0	0	0	0	0	0	0	0	1	0	0
3	Lori	Alaverdi	0	2	0	0	0	0	0	0	0	0	10	0
4	Shirak	Amasia	0	0	0	0	0	0	0	0	0	0	0	0
5	Shirak	Anipemza	0	0	0	0	0	0	0	0	0	0	0	0
6	Lori	Dsegh	8	4	1	2	5	2	2	5	10	10	13	0
7	Lori	Margahovit	4	4	1	1	2	2	2	10	15	8	100	11
8	Lori	Mets Parni	3	0	0	0	0	0	0	0	0	13	40	1
9	Shirak	Panik	30	13	2	1	4	2	2	1	100	14	104	2
10	Lori	Spitak	0	0	0	0	0	0	0	0	0	12	70	0
11	Lori	Stepanavan	0	3	0	0	0	0	0	0	0	9	0	0
12	Lori	Tashir	15	2	0	0	0	0	0	0	0	28	91	2
13	Lori	Vahagni	0	20	1	2	80	10	10	1	100	30	100	3

**Equipment/supplies in Target Polyclinics and Health Centers of Lori and Shirak Marzes-5**

	<b>Marz</b>	<b>Location</b>	<b>61.Stret- chers</b>	<b>62.Syringe for ear irrigation</b>	<b>63.Neuro- logical hammer</b>	<b>64.Dispo- sable cups</b>	<b>65.Uretric catheter- hard</b>	<b>66.Uretric catheter- soft</b>	<b>Water distillation equipment</b>	<b>Sterilizer with hot air</b>	<b>Autoclave</b>
1	Shirak	Aghin	3	2	2	15	6	6	0	1	1
2	Shirak	Akhuryan	0	0	1	0	0	0	0	0	0
3	Lori	Alaverdi	1	0	0	1	0	0	0	0	0
4	Shirak	Amasia	0	0	0	0	0	3	1	0	1
5	Shirak	Anipemza	0	0	0	0	0	0	0	0	0
6	Lori	Dsegh	1	0	1	4	0	4	0	1	0
7	Lori	Margahovit	3	1	1	25	2	4	0	1	2
8	Lori	Mets Parni	0	2	2	0	0	0	0	0	0
9	Shirak	Panik	2	2	2	13	2	2	0	1	1
10	Lori	Spitak	1	0	0	0	1	1	0	2	1
11	Lori	Stepanavan	0	0	0	0	0	0	0	1	1
12	Lori	Tashir	0	0	0	0	0	0	0	1	0
13	Lori	Vahagni	2	1	2	100	2	6	0	1	1

### Attachment 7. Laboratory Equipment of Target Polyclinics and Health Centers in Lori and Shirak marzes-1

	Marz	Town/ village	1. Photo- electrocolo- rimeter	2. Thermo- stat	3. Centri- fuge	4. Refrige- rator	5. Bioche- mical analyzer	6. Drying chamber	7. Micro- scope	8. Active enzymes analyzer	9. Panchkov's apparatus	10. Water- bath	11. Refrac- tometer	12. Test- tubes
1	Shirak	Aghin	0	0	1	0	0	1	2	0	1	0	0	25
2	Shirak	Akhuryan	1	1	1	1	0	1	3	0	1	1	0	100
3	Lori	Alaverdi	1	1	2	1	0	1	1	0	2	1	0	300
4	Shirak	Amasia	1	1	1	0	0	1	2	0	3	1	0	50
5	Shirak	Anipemza*	.	.	.	1	.	.	.	.	.	.	.	.
6	Lori	Dsegh	0	0	1	0	0	0	1	0	1	0	0	5
7	Lori	Margahovit	0	0	0	0	0	0	1	0	1	0	0	10
8	Lori	Mets Parni	0	0	2	0	0	0	2	0	1	0	0	50
9	Shirak	Panik	0	0	1	1	0	1	1	0	1	0	0	20
10	Lori	Spitak	2	2	2	2	1	0	3	0	2	2	0	30
11	Lori	Stepanavan	0	1	1	2	0	2	2	0	1	2	0	100
12	Lori	Tashir	1	1	1	1	0	1	4	0	3	0	0	10
13	Lori	Vahagni	0	0	1	1	0	1	1	0	0	0	0	30

\* No laboratory (there are some laboratory and diagnostic equipments provided by WB, but still not used).

### Laboratory equipment of polyclinics in Lori and Shirak marzes-2

	Marz	Town/ village	13. Flasks	14. Mea- suring glasses	15. Ther- mometer	16. Gluco- meter	17. Glucome- ter strips	18. Pipettes	19. Scari- ficators	20. Gorjaev's chamber	21. Labo- ratory watch	22. Supports	23. Hemo- meter Saly	24. Labo- ratory timer
1	Shirak	Aghin	0	0	0	1	80	1	200	1	0	2	1	0
2	Shirak	Akhuryan	12	2	0	1	0	20	100	1	0	3	1	1
3	Lori	Alaverdi	10	3	1	0	0	350	150	1	1	10	1	1
4	Shirak	Amasia	5	3	1	1	24	3	100	3	2	5	1	2
5	Shirak	Anipemza	.	.	.	.	.	.	.	.	.	.	.	.
6	Lori	Dsegh	1	1	0	1	0	10	50	1	0	2	1	0
7	Lori	Margahovit	1	1	0	0	0	7	30	0	0	2	1	0
8	Lori	Mets Parni	2	2	0	3	20	3	30	3	0	4	2	0
9	Shirak	Panik	10	2	0	0	0	30	50	2	1	2	1	0
10	Lori	Spitak	10	7	1	0	0	30	600	0	3	12	0	1
11	Lori	Stepanavan	2	2	1	0	0	15	200	1	1	5	0	1
12	Lori	Tashir	6	4	1	1	0	30	100	2	2	5	1	1
13	Lori	Vahagni	12	5	3	3	20	800	15	1	0	2	1	0

**Laboratory equipment of polyclinics in Lori and Shirak marzes-3**

	Marz	Town/ village	25. Acid- base balance analyzer	26. Torsion scales	27. Analytical scales	28. Urino- meter	29. Washing table	30. Distiller	31. Laboratory cabinets	32. Fuming board	33. Laboratory tables	34. Sink with running water	35. Spectropho- tometer
1	Shirak	Aghin	0	0	0	0	0	0	0	0	1	0	0
2	Shirak	Akhuryan	0	1	0	1	1	0	0	0	0	1	0
3	Lori	Alaverdi	0	0	0	1	0	1	0	0	3	1	0
4	Shirak	Amasia	0	0	1	2	0	1	1	0	2	1	0
5	Shirak	Anipemza	.	.	.	.	.	.	.	.	.	.	.
6	Lori	Dsegh	0	0	0	0	1	0	1	0	2	1	0
7	Lori	Margahovit	0	0	0	1	0	0	0	0	0	0	0
8	Lori	Mets Parni	0	1	0	2	1	1	1	0	1	1	0
9	Shirak	Panik	0	0	0	0	0	0	0	0	1	0	0
10	Lori	Spitak	1	0	1	1	1	1	2	0	9	1	0
11	Lori	Stepanavan	0	0	0	1	2	0	2	1	2	2	0
12	Lori	Tashir	0	1	1	1	1	0	0	0	0	2	0
13	Lori	Vahagni	0	0	1	1	1	0	1	0	1	1	0

### Attachment 8. Number of furniture available in targeted primary health care facilities of Lori and Shirak

#	Marz	Village	1.Sink with running water	2. Desks	3. Chairs	4. Med. cabinets (glass)	5. Cabinets for instruments	6. Exam beds	7. Bed tables	8. Cabinets (for clothes)	9. Screen	10. Swaddle table	11. Procedural table	12. Telephone
1	Shirak	Aghin	2	2	7	1	1	1	0	0	2	1	0	0
2	Shirak	Akhuryan	0	5	11	0	0	2	1	0	0	1	0	0
3	Lori	Alaverdi	0	12	16	1	0	5	8	3	1	4	1	1
4	Shirak	Amasia	3	3	10	0	0	3	5	1	0	1	0	2
5	Shirak	Anipemza	0	2	2	0	0	0	0	0	0	0	0	0
6	Lori	Dsegh	2	2	4	2	2	3	2	0	2	0	2	0
7	Lori	Margahovit	3	2	8	1	4	3	0	1	2	1	2	0
8	Lori	Mets Parni	0	6	10	2	2	2	0	0	2	0	2	0
9	Shirak	Panik	2	4	14	4	0	4	4	1	2	0	0	2
10	Lori	Spitak	7	1	35	7	4	7	2	9	5	3	0	0
11	Lori	Stepanavan	5	16	22	0	1	4	5	5	0	2	6	0
12	Lori	Tashir	6	0	26	7	8	8	6	4	2	4	1	0
13	Lori	Vahagni	2	0	8	1	3	2	1	1	1	1	2	1
14	Shirak	Akhurik	0	1	15	5	.	2	1	1	.	2	3	.
15	Shirak	Anushavan	0	0	0	0	0	0	0	0	0	0	0	0
16	Shirak	Arapi	0	1	2	0	0	0	0	0	0	0	0	0
17	Shirak	Aregnademi	0	1	2	0	0	1	0	0	0	0	0	0
18	Shirak	Aygabac	0	2	2	0	0	1	0	0	0	0	0	0
19	Shirak	Bagravan	0	2	0	0	0	0	0	0	0	0	0	0
20	Shirak	Bandivan	0	1	2	0	1	1	0	0	0	0	0	0
21	Shirak	Bayandur	0	1	4	2	0	1	0	0	0	0	3	0
22	Lori	Dzoragyuch	0	0	1	0	0	0	0	0	0	0	0	0
23	Lori	Fialetovo	0	0	0	0	0	1	0	0	1	0	0	0
24	Shirak	Garnarich	0	1	0	0	0	0	2	0	0	0	0	0
25	Lori	Ghursali	0	1	3	0	0	0	0	0	0	0	0	0
26	Shirak	Gtashen	0	1	3	1	.	1	1	.	.	1	.	.
27	Lori	Haghpat	0	3	6	0	0	3	0	0	1	1	0	1
28	Shirak	Horom	0	8	22	4	4	5	2	1	2	1	5	2
29	Shirak	Hovit	0	1	0	1	0	0	0	0	0	0	1	0
30	Shirak	Hovuni	0	1	8	3	2	1	0	0	0	0	2	0
31	Shirak	Isahakyan	0	0	0	0	0	0	0	0	0	0	0	0
32	Shirak	Jajur	7	6	15	3	2	4	0	1	2	1	3	0
33	Lori	Jiliza	1	0	0	0	0	1	0	0	1	0	0	0
34	Shirak	Jrapi	.	1	1	.	.	0	.	.	.	.	.	.

#	Marz	Village	1.Sink with running water	2. Desks	3. Chairs	4. Med. cabinets (glass)	5. Cabinets for instruments	6. Exam beds	7. Bed tables	8. Cabinets (for clothes)	9. Screen	10. Swaddle table	11. Procedural table	12. Telephone
35	Lori	Jrashen	6	6	25	2	1	4	0	2	3	1	3	0
36	Shirak	Kamo	0	0	0	1	0	0	0	0	0	0	0	0
37	Shirak	Kaps	0	0	2	0	0	1	0	0	0	1	0	0
38	Shirak	Karnut	1	1	4	1	0	1	0	0	0	0	0	0
39	Lori	Katnachbyur	0	0	1	0	0	0	0	0	0	0	0	0
40	Lori	Khnkoyan	0	1	3	0	0	2	0	0	0	0	0	0
41	Lori	Lermontovo	0	0	2	1	0	0	0	0	0	0	0	0
42	Lori	Lernahovit	1	2	1	0	0	2	1	1	0	0	0	0
43	Lori	Lernancq	0	0	2	0	0	1	0	0	0	0	0	0
44	Lori	Lernapat	1	2	6	0	1	2	0	0	0	0	0	0
45	Lori	Lorut	0	1	2	2	2	1	1	0	0	0	0	0
46	Lori	Lusaghbyur	0	1	7	0	2	1	0	0	1	1	1	0
47	Shirak	Lusaghbyur	0	1	2	0	1	0	0	0	0	0	0	0
48	Shirak	Lusakert	0	1	2	0	0	0	0	0	0	0	1	0
49	Shirak	Marmashen	0	5	15	5	0	5	0	2	4	1	5	0
50	Shirak	Mayisyan	8	6	18	5	2	5	1	3	3	1	4	0
51	Lori	Medovka	0	0	0	0	0	2	1	1	0	0	0	0
52	Shirak	Meghrashen	0	1	2	0	0	1	0	0	0	0	0	0
53	Lori	Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.
54	Lori	Sarahart	0	1	3	0	0	0	0	0	0	1	0	0
55	Lori	Saramej	0	1	0	1	0	1	0	0	0	1	0	0
56	Lori	Shamut	0	0	1	0	0	0	0	0	0	1	0	0
57	Shirak	Shirak	0	1	0	0	1	1	0	0	0	0	0	0
58	Shirak	Shirakavan	0	1	4	0	1	1	0	0	0	0	0	0
59	Lori	Shnogh	8	1	21	0	2	5	1	2	3	1	3	2
60	Lori	Teghut	0	1	2	0	0	0	0	0	0	2	1	0
61	Lori	Tumanyan	0	5	14	2	3	6	0	0	1	1	1	1
62	Lori	Urasar	0	0	0	0	0	0	0	0	0	0	0	0
63	Shirak	Vardakar	0	1	1	1	0	0	0	1	0	0	0	0
64	Shirak	Voskehask	1	0	6	0	0	1	2	0	0	0	0	0

### Attachment 9: Distances between the assessed FAPs/SVAs & marz/regional centers

	Village	Distance to the marz center (km)	Distance to the regional clinic/hospital (km)	Distance to the nearest ambulatory (km)	Available transportation to marz center (1=bus, 2=facility ambulance., 3=regional facility ambulance)
1	Akhurik	10.00	15.00	7.00	1, 3
2	Anushavan	35.00	4.00	2.00	1
3	Arapi	8.00	8.00	2.00	1,3
4	Aregnademi	4.00	5.00	25.00	1
5	Aygabac	12.00	11.00	8.00	1
6	Bagravan	40.00	40.00	10.00	1
7	Bandivan	25.00	4.00	4.00	1,3
8	Bayandur	14.00	20.00	8.00	1,3
9	Dzoragyuch	43.00	43.00	14.00	1
10	Fialetovo	28.00	27.00	5.00	1,2
11	Garnarich	60.00	28.00	30.00	1,3
12	Ghursali	20.00	15.00	20.00	1
13	Gtashen	28.00	12.00	28.00	0
14	Haghpat	80.00	17.00	25.00	1,3
15	Horom	30.00	15.00	7.00	1,3
16	Hovit	20.00	10.00	7.00	1,3
17	Hovuni	15.00	15.00	5.00	1
18	Isahakyan	30.00	30.00	3.00	1,3
19	Jajur	15.00	20.00	7.00	1,2,3
20	Jiliza	86.00	30.00	40.00	1
21	Jrapi	30.00	30.00	7.00	1,2
22	Jrashen	36.00	10.00	10.00	1
23	Kamo	25.00	25.00	8.00	1,2
24	Kaps	16.00	16.00	4.50	1,2
25	Karnut	7.00	4.00	4.00	1,3
26	Katnachbyur	60.00	60.00	20.00	1
27	Khnkoyan	55.00	55.00	17.00	1,3
28	Lermontovo	16.00	16.00	.	1,2,3
29	Lernahovit	87.00	10.00	20.00	1,3
30	Lernancq	25.00	8.00	8.00	0
31	Lernapat	20.00	20.00	25.00	1
32	Lorut	75.00	65.00	35.00	1
33	Lusaghbyur_L	48.00	48.00	15.00	1
34	Lusaghbyur_S	20.00	24.00	9.00	1,2,3
35	Lusakert	20.00	15.00	3.00	1,2,3
36	Marmashen	12.00	13.00	9.00	1,3
37	Mayisyan	7.00	12.00	15.00	1,2,3
38	Medovka	76.00	10.00	18.00	0
39	Meghrashen	35.00	35.00	4.00	1
40	Novoselcevo	.	.	.	
41	Sarahart	20.00	8.00	10.00	1
42	Saramej	40.00	10.00	4.00	1
43	Shamut	80.00	65.00	30.00	1
44	Shirak	7.00	11.00	4.00	1
45	Shirakavan	17.00	20.00	10.00	1,3
46	Shnogh	80.00	25.00	12.00	1
47	Teghut	85.00	35.00	6.00	1
48	Tumanyan	40.00	20.00	15.00	1
49	Urasar	50.00	10.00	9.00	1
50	Vardakar	25.00	7.00	3.00	1,3
51	Voskehask	14.00	14.00	5.00	1

**Attachment 10. Numbers of district doctors and nurses educated in FM/FN during the last 5 years or willing to get involved/in the process of getting it**

	Facilities	# of district doctors in target facilities	# of district doctors educated at NIH/YSMU during the last 5 years	# of district doctors willing to get FM education or in the process of getting it	# of district nurses in target facilities	# of district nurses educated at NIH or BNC during the last 5 years	# of district nurses willing to get FN education or in the process of getting it
1	Aghin	1	1	0	3	1	0
2	Akhuryan	5	4	2	8	6	1
3	Alaverdi	13	1	3	12	1	1
4	Amasia	3	1	1	5	2	0
5	Anipemza	1	0	1	2	0	1
6	Dsegh	4	1	3	5	1	1
7	Margahovit	2	1	1	4	3	1
8	Mets Parni	8	1	1	5	1	3
9	Panik	3	3	1	14	8	2
10	Spitak	14	2	2	15	2	1
11	Stepanavan	11	0	0	13	0	0
12	Tashir	12	2	10	7	0	8
13	Vahagni	1	1	0	3	2	1
14	Akhurik	3	1	0	1	1	0
15	Anushavan	0	0	0	1	1	1
16	Arapi	0	0	0	2	2	1
17	Aregnademi	0	0	0	1	1	1
18	Aygabac	0	0	0	1	1	1
19	Bagravan	0	0	0	1	0	0
20	Bandivan	0	0	0	1	0	1
21	Bayandur	0	0	0	1	0	1
22	Dzoragyuch	0	0	0	1	0	1
23	Fialetovo	0	0	0	1	0	1
24	Garnarich	0	0	0	1	0	1
25	Ghursali	0	0	0	1	0	1
26	Gtashen	0	0	0	1	1	1
27	Haghpat	0	0	0	1	0	1
28	Horom	3	1	0	4	0	2
29	Hovit	0	0	0	1	1	0
30	Hovuni	0	0	0	1	1	1
31	Isahakyan	0	0	0	2	1	0
32	Jajur	1	1	0	3	1	1
33	Jiliza	0	0	0	1	0	1
34	Jrapi	0	0	0	2	2	0
35	Jrashen	4	2	0	4	1	1
36	Kamo	0	0	0	2	0	2
37	Kaps	0	0	0	1	2	0
38	Karnut	0	0	0	2	0	2
39	Katnachbyur	1	0	0	1	0	1
40	Khnkoyan	0	0	0	1	0	1
41	Lermontovo	0	0	0	1	0	1
42	Lernahovit	0	0	0	1	0	1
43	Lernancq	0	0	0	1	0	1
44	Lernapat	1	1	0	3	0	1
45	Lorut	0	0	0	1	0	1
46	Lusaghbyur_L	0	0	0	1	0	0
47	Lusaghbyur_S	0	0	0	1	0	1
48	Lusakert	0	0	0	1	1	0

	Facilities	# of district doctors in target facilities	# of district doctors educated at NIH/YSMU during the last 5 years	# of district doctors willing to get FM education or in the process of getting it	# of district nurses in target facilities	# of district nurses educated at NIH or BNC during the last 5 years	# of district nurses willing to get FN education or in the process of getting it
49	Marmashen	1	1	0	4	4	4
50	Mayisyan	2	1	1	2	2	0
51	Medovka	0	0	0	1	0	1
52	Meghrashen	0	0	0	2	1	2
53	Novoselcevo	0	0	0	1	0	0
54	Sarahart	0	0	0	1	0	0
55	Saramej	0	0	0	1	0	1
56	Shamut	0	0	0	1	0	1
57	Shirak	0	0	0	2	1	0
58	Shirakavan	0	0	0	1	0	1
59	Shnogh	2	1	1	4	1	1
60	Teghut	0	0	0	1	0	1
61	Tumanyan	1	0	1	2	1	1
62	Urasar	0	0	0	1	0	1
63	Vardakar	0	0	0	1	1	0
64	Voskehask	0	0	0	4	2	1
	<b>Total</b>	<b>97</b>	<b>27</b>	<b>28</b>	<b>175</b>	<b>57</b>	<b>65</b>

## Attachment 11. Short-term trainings of medical staff of the target facilities in Lori and Shirak

	Training topic	Numbers and percentages of those trained in FAPs/Ambulatories				Numbers and percentages of those trained in Polyclinics/Health Centers				Numbers and percentages of those trained in all target facilities of Lory and Shirak			
		# of doctors	% of doctors	# of nurses	% of nurses	# of doctors	% of doctors	# of nurses	% of nurses	# of doctors	% of doctors	# of nurses	% of nurses
1	First aid	5	26.3%	27	34.2%	11	14.1%	26	27.1%	16	16.5%	53	30.3%
2	Immunization	10	52.6%	43	54.4%	28	35.9%	18	18.8%	38	39.2%	61	34.9%
3	Breast feeding	9	47.4%	42	53.2%	25	32.1%	30	31.3%	34	35.1%	72	41.1%
4	STDs	4	21.1%	29	36.7%	14	17.9%	7	7.3%	18	18.6%	36	20.6%
5	Reproductive health	4	21.1%	39	49.4%	5	6.4%	10	10.4%	9	9.3%	49	28.0%
6	IMCI	5	26.3%	26	32.9%	17	21.8%	6	6.3%	22	22.7%	32	18.3%
7	Tuberculosis	0	0.0%	2	2.5%	6	7.7%	4	4.2%	6	6.2%	6	3.4%
8	Healthy lifestyle	3	15.8%	22	27.8%	12	15.4%	15	15.6%	15	15.5%	37	21.1%
9	Child growth & development	4	21.1%	38	48.1%	10	12.8%	9	9.4%	14	14.4%	47	26.9%
10	Other	2	10.5%	16	20.3%	32	41.0%	36	37.5%	34	35.1%	52	29.7%

## Attachment 12. Numbers of client visits to the targeted PHC facilities of Lori & Shirak in 2005 and February-March 2006

#	Marz	Town/village	Visits of children in 2005	Visits of children in 2006 February	Visits of children in 2006 March	Visits of adults in 2005	Visits of adults in 2006 February	Visits of adults in 2006 March	Total visits in 2005	Total visits in 2006 February	Total visits in 2006 March
1.	Shirak	Aghin	468	49	57	657	59	72	1125	108	129
2.	Lori	Akhuryan	16240	1404	2833	6811	311	572	23051	1715	3405
3.	Shirak	Alaverdi	8472	532	755	61366	1695	2115	69838	2227	2870
4.	Shirak	Amasia	1168	46	55	585	170	183	1753	216	238
5.	Lori	Anipemza	608	80	90	812	80	80	1420	160	170
6.	Shirak	Dsegh	822	67	72	1927	154	158	2749	221	230
7.	Lori	Margahov	1735	67	204	3586	210	162	5321	277	366
8.	Shirak	Mets Par	5322	113	227	6200	186	151	11522	299	378
9.	Shirak	Panik	2215	409	216	3648	151	178	5863	560	394
10.	Lori	Spitak	25950	5027	2298	42611	3573	4733	68561	8600	7031
11.	Shirak	Stepanav	28621	4494	3639	13582	1347	1628	42203	5841	5267
12.	Shirak	Tashir	9602	645	728	14196	907	1617	23798	1552	2345
13.	Lori	Vahagni	893	71	130	1649	167	230	2542	238	360
14.	Shirak	Akhurik	248	85	130	220	58	240	468	143	370
15.	Lori	Anushava	377	121	-43	652	44	52	1029	165	9
16.	Lori	Arapi	705	74	79	934	120	110	1639	194	189
17.	Shirak	Aregnade	530	39	40	559	32	43	1089	71	83
18.	Lori	Aygabac	171	7	24	371	24	50	542	31	74
19.	Lori	Bagravan	101	18	8	464	27	51	565	45	59
20.	Lori	Bandivan	350	38	48	936	75	55	1286	113	103
21.	Lori	Bayandur	1400	90	115	1200	105	110	2600	195	225
22.	Shirak	Dzoragy	146	5	4	559	47	53	705	52	57
23.	Shirak	Fialetov	200	12	11	125	5	9	325	17	20
24.	Shirak	Garnarit	70	35	45	720	200	200	790	235	245
25.	Shirak	Ghursali	197	12	9	1311	59	55	1508	71	64
26.	Shirak	Gtashen	481	33	36	524	79	66	1005	112	102
27.	Shirak	Hachpat	271	32	56	2140	270	194	2411	302	250
28.	Shirak	Horom	950	127	150	1511	180	225	2461	307	375
29.	Lori	Hovit	600	41	70	900	99	100	1500	140	170
30.	Lori	Hovuni	287	25	14	324	31	37	611	56	51
31.	Shirak	Isahakya	350	36	35	244	30	30	594	66	65
32.	Lori	Jajur	678	28	39	1211	88	144	1889	116	183
33.	Shirak	Jiliza	78	5	0	380	61	50	458	66	50
34.	Lori	Jrapi	206	37	44	582	31	25	788	68	69

#	Marz	Town/village	Visits of children in 2005	Visits of children in 2006 February	Visits of children in 2006 March	Visits of adults in 2005	Visits of adults in 2006 February	Visits of adults in 2006 March	Total visits in 2005	Total visits in 2006 February	Total visits in 2006 March
35.	Shirak	Jrashen	754	192	276	4138	273	306	4892	465	582
36.	Shirak	Kamo	460	44	46	1540	125	179	2000	169	225
37.	Shirak	Kaps	1305	53	89	1265	106	110	2570	159	199
38.	Shirak	Karnut	432	119	142	2668	98	100	3100	217	242
39.	Shirak	Katnachb	450	33	31	540	108	68	990	141	99
40.	Lori	Khnkoyan	60	32	34	1130	66	32	1190	98	66
41.	Shirak	Lermonto	230	0	-11	450	30	36	680	30	25
42.	Lori	Lernahov	539	51	79	414	40	60	953	91	139
43.	Shirak	Lernancq	185	16	34	505	80	110	690	96	144
44.	Shirak	Lernapar	430	46	42	388	52	62	818	98	104
45.	Shirak	Lorut	203	74	60	667	49	93	870	123	153
46.	Lori	Lusaghby	350	95	80	1250	200	300	1600	295	380
47.	Lori	Lusaghby	519	54	47	419	66	28	938	120	75
48.	Lori	Lusakert	300	40	62	900	90	103	1200	130	165
49.	Lori	Marmashe	1375	85	46	1236	121	145	2611	206	191
50.	Lori	Mayisyan	567	153	33	660	92	84	1227	245	117
51.	Lori	Medovka	448	26	36	692	31	33	1140	57	69
52.	Lori	Meghrash	191	13	12	214	26	24	405	39	36
53.	Shirak	Novoselc	372	37	15	564	59	33	936	96	48
54.	Shirak	Sarahart	351	22	35	1071	78	70	1422	100	105
55.	Lori	Saramej	342	37	45	200	30	28	542	67	73
56.	Shirak	Shamut	150	36	42	131	31	35	281	67	77
57.	Lori	Shirak	806	123	145	694	65	130	1500	188	275
58.	Lori	Shirakav	443	47	60	712	133	100	1155	180	160
59.	Lori	Shnogh	980	78	86	2078	184	160	3058	262	246
60.	Lori	Teghut	301	19	40	382	50	66	683	69	106
61.	Lori	Tumanyan	845	77	21	2052	125	152	2897	202	173
62.	Lori	Urasar	300	17	16	950	12	15	1250	29	31
63.	Shirak	Vardakar	380	40	60	640	76	78	1020	116	138
64.	Shirak	Voskehask	127	3	8	696	58	67	823	61	75

**Attachment 13. Numbers of home visits made by providers of targeted facilities of Lori & Shirak in 2005 & Feb.-March 2006**

#	Marz	Town/village	Home visits of children in 2005	Home visits of children in 2006 Feb.	Home visits of children in 2006 March	Home visits of adults in 2005	Home visits of adults in 2006 Feb.	Home visits of adults in 2006 March	Total home visits in 2005	Total home visits in 2006 February	Total home visits in 2006 March
1	Shirak	Aghin	463	34	47	715	58	65	1208	92	112
2	Shirak	Akhuryan				159	2	25	.	.	.
3	Lori	Alaverdi	1691	95	119	1419	172	179	3110	267	298
4	Shirak	Amasia	440	70	86	533	109	125	973	179	211
5	Shirak	Anipemza		80	90	.	50	60	.	130	150
6	Lori	Dsegh	785	73	71	179	16	18	964	89	89
7	Lori	Margahovit	600	39	48	152	26	20	752	65	68
8	Lori	Mets Parni	2622	221	227	834	72	84	3256	293	311
9	Shirak	Panik	73	32	23	95	5	8	168	37	31
10	Lori	Spitak	6675	599	684	1302	139	148	7977	738	832
11	Lori	Stepanavan	1188	91	49	968	34	36	2156	125	85
12	Lori	Tashir	5539	86	84	554	9	153	6093	95	237
13	Lori	Vahagni	566	36	63	282	41	51	848	77	114
14	Shirak	Akhurik	51	6	10	118	14	11	169	20	21
15	Shirak	Anushavan	86	1	2	840	98	105	926	99	107
16	Shirak	Arapi	291	17	17	237	6	8	528	23	25
17	Shirak	Aregnademi	516	40	33	491	25	42	1007	65	75
18	Shirak	Aygabac	19	5	5	141	33	35	160	38	40
19	Shirak	Bagravan				.	.	.	.	.	.
20	Shirak	Bandivan	755	91	110	945	52	26	1700	143	146
21	Shirak	Bayandur				.	.	.	.	.	.
22	Lori	Dzoragyuch	119	7	6	546	54	48	665	61	54
23	Lori	Fialetovo		13	11	.	3	3	.	16	14
24	Shirak	Garnarich		270	305	.	400	462	.	670	767
25	Lori	Ghursali		10	12	.	27	17	.	37	29
26	Shirak	Gtashen	585	31	31	621	57	62	1206	88	93
27	Lori	Haghat	159	25	47	360	77	39	519	102	86
28	Shirak	Horom	1807	385	450	1460	410	475	3267	795	825
29	Shirak	Hovit	1200	190	240	600	63	38	1800	253	278
30	Shirak	Hovuni		5	6	.	6	10	.	11	16
31	Shirak	Isahakyan	361	27	28	300	42	40	661	69	66
32	Shirak	Jajur				140	10	11	225	15	17
33	Lori	Jiliza	61	7	4	240	31	36	301	38	40
34	Shirak	Jrapi				.	.	.	.	.	.

#	Marz	Town/village	Home visits of children in 2005	Home visits of children in 2006 Feb.	Home visits of children in 2006 March	Home visits of adults in 2005	Home visits of adults in 2006 Feb.	Home visits of adults in 2006 March	Total home visits in 2005	Total home visits in 2006 February	Total home visits in 2006 March
35	Lori	Jrashen	182	49	36	15	35	18	197	74	54
36	Shirak	Kamo	780	220	480	1920	430	420	2700	650	900
37	Shirak	Kaps		25	29	.	112	110	.	137	139
38	Shirak	Karnut				.	.	.	.	.	.
39	Lori	Katnachbyur		22	23	.	34	37	.	56	60
40	Lori	Khnkoyan				.	.	.	.	.	.
41	Lori	Lermontovo				.	.	.	500	15	20
42	Lori	Lernahovit	301	29	41	498	21	30	799	50	81
43	Lori	Lernancq	141	26	28	210	20	25	351	46	53
44	Lori	Lernapat	148	17	23	91	8	9	239	25	32
45	Lori	Lorut	335	23	50	302	12	33	647	35	83
46	Lori	Lusaghbyur_L	90	35	52	1120	80	90	1210	115	142
47	Shirak	Lusaghbyur S	644	77	80	543	58	42	1187	135	122
48	Shirak	Lusakert	830	76	85	2070	120	140	2700	196	205
49	Shirak	Marmashen	14	5	4	14	7	6	28	12	10
50	Shirak	Mayisyan	567	27	44	202	20	24	669	47	68
51	Lori	Medovka		29	23	.	15	20	.	44	43
52	Shirak	Meghrashen	143	11	15	172	14	20	315	25	35
53	Lori	Novoselcevo				.	.	.	.	.	.
54	Lori	Sarahart	105	13	17	130	14	21	235	27	38
55	Lori	Saramej	135	22	23	122	7	8	257	29	31
56	Lori	Shamut	180	23	46	144	14	30	324	37	76
57	Shirak	Shirak				.	.	.	2000	300	500
58	Shirak	Shirakavan	560	80	100	640	120	150	1200	200	250
59	Lori	Shnogh	64	3	6	29	3	3	111	6	9
60	Lori	Teghut	88	20	36	35	3	7	123	23	43
61	Lori	Tumanyan	100	10	7	312	10	22	412	20	29
62	Lori	Urasar		21	27	.	20	18	.	41	45
63	Shirak	Vardakar	200	80	80	1000	80	50	1200	180	130
64	Shirak	Voskehask		10	15	.	55	53	.	65	67

**Attachment 14. Per facility numbers of the served population, annual numbers of deaths and hospitalizations**

	Marz	Village	Total number of served population			Number of deaths in 2004			Number of deaths in 2005			Number of hospitalizations in 2004			Number of hospitalizations in 2005		
			infants	children	adults	total	infants	maternal	total	infants	maternal	infants	children	adults	infants	children	adults
1	Shirak	Akhurik	14	309	908	9	0	0	4	0	0	.	.	.	2	4	6
2	Shirak	Anushavan	24	644	1358	17	1	0	14	1	0	7	2	4	2	5	12
3	Shirak	Arapi	15	566	1738	18	0	0	23	0	0	10	7	60	6	8	55
4	Shirak	Aregnademi	6	101	204	0	0	0	0	0	0	.	.	.	.	.	.
5	Shirak	Aygabac	.	.	.	8	0	0	12	0	0	5	6	11	4	7	14
6	Shirak	Bagravan	16	216	644	2	0	0	8	0	0	0	.	.	.	.	.
7	Shirak	Bandivan	7	70	193	1	0	0	3	0	0	0	0	5	1	0	10
8	Shirak	Bayandur	3	235	502	7	0	0	3	0	0	0	2	5	0	1	8
9	Lori	Dzoragyuch	.	119	305	4	0	0	5	0	0	1	0	1	0	0	5
10	Lori	Fialetovo	.	.	.	18	0	0	10	0	0	0	2	5	0	0	2
11	Shirak	Garnarich	5	85	190	2	0	0	2	1	0	15	20	25	10	15	30
12	Lori	Ghursali	6	168	456	4	0	0	3	0	0	0	0	0	0	0	0
13	Shirak	Gtashen + Chakhmakh	4	102	294	0	0	0	1	0	0	0	4	15	3	5	10
14	Lori	Haghpat	14	183	497	7	0	0	11	1	0	2	0	13	3	2	15
15	Shirak	Horom	30	308	1614	18	0	0	24	1	0	4	16	20	3	20	68
16	Shirak	Hovit	10	230	385	4	0	0	3	0	0	2	0	4	1	0	3
17	Shirak	Hovuni	.	.	.	7	1	0	10	0	0	1	6	5	3	5	5
18	Shirak	Isahakyan	.	.	.	8	0	0	0	0	0	0	0	.	2	1	5
19	Shirak	Jajur	3	239	629	4	0	0	6	1	0	0	0	2	1	3	4
20	Lori	Jiliza	0	54	176	0	0	0	0	0	0	0	1	3	0	0	5
21	Shirak	Jrapi	12	268	786	4	0	0	6	0	0	0	5	7	0	3	8
22	Lori	Jrashen	41	1007	2326	15	1	0	26	0	0	5	26	69	5	40	98
23	Shirak	Kamo	23	412	1039	7	0	0	5	0	0	2	2	7	2	2	10
24	Shirak	Kaps	8	267	460	2	0	0	3	0	0	.	.	.	.	.	.

	Marz	Village	Total number of served population			Number of deaths in 2004			Number of deaths in 2005			Number of hospitalizations in 2004			Number of hospitalizations in 2005		
			infants	children	adults	total	infants	maternal	total	infants	maternal	infants	children	adults	infants	children	adults
25	Shirak	Karnut	10	166	808	5	1	0	6	1	0	0	4	10	2	5	12
26	Lori	Katnachbyur	.	.	.	12	0	0	10	0	0	.	.	.	2	3	1
27	Lori	Khnkoyan	5	125	322	5	0	0	5	0	0	1	7	21	4	5	33
28	Lori	Lermontovo+ Antarashen	.	369	964	11	0	0	7	0	0	0	0	2	0	0	2
29	Lori	Lernahovit	28	456	1860	8	0	0	12	1	0	7	3	6	3	0	4
30	Lori	Lernancq	18	428	849	13	0	0	14	1	0	14	8	47	15	10	52
31	Lori	Lernapat + Hallavar	24	790	1914	.	.	.	7	0	0	0	7	5	3	12	9
32	Lori	Lorut	10	245	645	11	0	0	10	0	0	7	4	11	5	2	10
33	Lori	Lusaghbyur	8	263	871	.	0	0	.	0	0	2	0	1	0	0	1
34	Shirak	Lusaghbyur	10	206	450	4	0	0	5	0	0	0	2	6	1	1	7
35	Shirak	Lusakert	12	275	507	6	0	0	9	0	0	0	0	15	0	0	20
36	Shirak	Marmashen	9	551	2280	12	0	0	18	0	0	3	3	25	3	3	8
37	Shirak	Mayisyan	6	425	1818	11	0	0	3	0	0	3	6	7	1	4	8
38	Lori	Medovka + Cruglaya shishka	11	119	407	2	0	0	3	0	0	0	0	0	1	0	0
39	Shirak	Meghrashen	10	308	1465	18	0	0	15	0	0	2	.	.	2	.	.
40	Lori	Novoselcevo	4	68	116	3	0	0	0	0	0	.	.	.	.	.	.
41	Lori	Sarahart	14	418	1186	10	0	0	18	0	0	.	.	.	10	22	30
42	Lori	Saramej	17	414	1175	6	0	0	12	0	0	4	0	21	5	0	10
43	Lori	Shamut	6	83	268	4	0	0	5	0	0	0	1	0	0	0	2
44	Shirak	Shirak	12	292	855	9	0	0	7	2	0	1	0	.	0	1	.
45	Shirak	Shirakavan	7	258	595	4	0	0	6	0	0	2	4	3	1	3	5
46	Lori	Shnogh	28	899	2320	41	0	0	27	0	0	8	5	11	6	3	9
47	Lori	Teghut	3	206	558	10	0	0	6	0	0	2	4	0	4	3	0
48	Lori	Tumanyan	10	450	1571	37	1	0	32	0	0	1	4	35	0	3	29
49	Lori	Ursar	6	117	231	5	0	0	4	1	0	0	1	5	1	2	4
50	Shirak	Vardakar	10	190	460	6	0	0	6	0	0	2	10	15	1	12	20
51	Shirak	Voskehask	.	.	.	16	0	0	13	0	0	2	.	.	3	.	.

	Marz	Village	Total number of served population			Number of deaths in 2004			Number of deaths in 2005			Number of hospitalizations in 2004			Number of hospitalizations in 2005		
			infants	children	adults	total	infants	maternal	total	infants	maternal	infants	children	adults	infants	children	adults
<b>Polyclincs, health centers</b>																	
1	Shirak	Aghin	12	165	421	3	0	0	8	0	0	0	4	12	0	6	9
2	Shirak	Akhuryan	.	.	7000	125	3	0	103	2	0	34	38	181	34	56	193
3	Lori	Alaverdi	167	3374	11923	214	2	.	158	4	.	20	22	297	9	26	292
4	Shirak	Amasia	11	.	1315	46	0	0	39	0	0	16	34	136	9	32	146
5	Shirak	Anipemza	3	130	303	.	0	0	.	0	0	1	2	4	1	2	3
6	Lori	Dsegh	17	698	1705	22	0	0	25	0	0	7	25	116	8	18	86
7	Lori	Margahovit	43	934.	2852	59	2	0	51	1	0	9	23	30	11	21	41
8	Lori	Mets Parni	22	1577	1599	106	2	0	113	1	0	75		159	100		199
9	Shirak	Panik	45	1065	2100	34	0	0	27	1	0	2	14	38	1	7	26
10	Lori	Spitak	190	5296	9690	135	3	0	121	1	0	28	123	292	32	126	376
11	Lori	Stepanavan	159	4929	11744	171	3	0	275	5	0	32	65	297	20	85	215
12	Lori	Tashir	3722		7684	138	5	0	150	5	0	16	58	330	15	82	287
13	Lori	Vahagni	11	361	978	15	0	0	16	0	0	1	3	4	1	6	5

**Attachment 15. Per facility annual (2004, 2005) numbers of pregnancies, births, neonatal deaths, delivery settings and number of disabled**

	Marz	Town/ village	Number of pregnancies in 2004	Number of births/deaths in 2004			Number of deliveries in 2004			Number of pregnancies in 2005	Number of births/deaths in 2005			Number of deliveries in 2005			Number of disabled
				Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home		Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home	
1	Shirak	Akhurik	11	8	0	0	0	8	0	13	12	0	0	0	12	0	49
2	Shirak	Anushavan	27	25	2	0	0	27	0	23	22	0	0	0	22	0	37
3	Shirak	Arapi	13	13	0	0	0	13	0	20	20	0	0	0	20	0	33
4	Shirak	Aregnademi	1	1	0	0	0	1	0	4	4	0	0	0	1	0	9
5	Shirak	Aygabac	4	4	0	0	.	4	.	3	3	0	0	.	3	.	12
6	Shirak	Bagravan	16	11	0	0	0	11	0	22	20	0	0	0	20	0	.
7	Shirak	Bandivan	4	2	0	0	0	2	0	8	8	0	0	0	8	0	7
8	Shirak	Bayandur	4	2	0	0	0	2	0	11	9	0	0	0	9	0	26
9	Lori	Dzoragyuch	6	6	0	0	0	6	0	5	5	0	0	0	5	0	14
10	Lori	Fialetovo	16	16	0	0	0	16	0	6	6	0	0	0	6	0	18
11	Shirak	Garnarich	7	5	0	0	0	5	0	12	8	0	0	0	8	0	1
12	Lori	Ghursali	9	9	0	0	0	9	0	4	4	0	0	0	4	0	0
13	Shirak	Gtashen	3	3	0	0	.	3	.	6	6	0	0	.	6	.	1
14	Lori	Haghpat	11	11	0	0	0	11	0	13	13	0	0	0	13	0	13
15	Shirak	Horom	28	28	0	0	0	28	0	31	31	0	0	0	31	0	128
16	Shirak	Hovit	6	4	0	0	0	4	0	9	6	0	0	0	6	0	17
17	Shirak	Hovuni	12	7	0	0	0	7	0	6	5	0	0	0	5	0	0
18	Shirak	Isahakyan	15	9	0	0	0	9	0	8	11	1	0	0	12	0	10
19	Shirak	Jajur	12	7	0	0	0	7	0	8	5	0	0	0	5	0	12
20	Lori	Jiliza	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
21	Shirak	Jrapi	10	5	0	0	0	5	0	16	8	0	0	0	8	0	21
22	Lori	Jrashen	44	42	2	1	0	44	0	69	68	1	0	0	69	0	200
23	Shirak	Kamo	22	12	0	0	0	12	0	25	17	0	0	0	17	0	50
24	Shirak	Kaps	.	.	.	.	.	.	.	6	6	0	0	0	6	0	7
25	Shirak	Karnut	25	19	1	1	0	21	0	20	14	0	1	0	15	0	8
26	Lori	Katnachbyur	13	13	0	0	0	12	1	6	6	0	0	0	6	0	.
27	Lori	Khnkoyan	6	6	0	0	0	6	0	7	7	0	0	0	7	0	8

	Marz	Town/ village	Number of pregnancies in 2004	Number of births/deaths in 2004			Number of deliveries in 2004			Number of pregnancies in 2005	Number of births/deaths in 2005			Number of deliveries in 2005			Number of disabled
				Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home		Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home	
28	Lori	Lermontovo	5	5	0	0	0	5	0	4	4	0	0	0	4	0	17
29	Lori	Lernahovit	22	22	0	0	0	22	0	24	24	0	0	0	24	0	18
30	Lori	Lernancq	16	16	0	0	0	16	0	14	14	0	1	0	14	0	.
31	Lori	Lernapat	18	18	0	0	0	18	0	22	21	0	0	0	21	0	32
32	Lori	Lorut	7	7	0	0	0	7	0	13	12	1	0	0	13	0	7
33	Lori	Lusaghbyur	.	.	.	.	.	.	.	5	5	0	0	0	5	0	10
34	Shirak	Lusaghbyur	9	9	0	0	0	9	0	5	5	0	0	0	5	0	23
35	Shirak	Lusakert	8	7	0	0	0	7	0	7	6	0	0	0	6	0	15
36	Shirak	Marmashen	11	11	0	0	0	11	0	21	21	0	0	0	21	0	40
37	Shirak	Mayisyan	25	19	0	0	0	19	0	32	.	0	0	0	21	0	20
38	Lori	Medovka	4	4	0	0	0	4	0	6	6	0	0	0	6	0	9
39	Shirak	Meghrashen	17	14	0	0	0	14	0	14	8	0	0	0	8	0	36
40	Lori	Novoselcevo	6	6	0	0	0	6	0	5	4	1	0	0	5	0	.
41	Lori	Sarahart	16	16	0	0	0	16	0	15	14	1	0	0	15	0	.
42	Lori	Saramej	22	22	0	0	0	22	0	12	12	0	0	0	12	0	30
43	Lori	Shamut	8	0	0	0	0	6	2	6	0	0	0	0	5	1	1
44	Shirak	Shirak	11	11	0	0	0	11	0	6	6	0	0	0	6	0	31
45	Shirak	Shirakavan	11	10	0	0	0	10	0	11	10	0	0	0	10	0	18
46	Lori	Shnogh	51	40	0	0	0	40	0	44	35	0	.	0	35	0	92
47	Lori	Teghut	5	5	0	0	0	5	0	7	6	1	0	0	7	0	19
48	Lori	Tumanyan	20	20	0	0	0	20	0	14	12	1	0	0	13	0	60
49	Lori	Urasar	5	5	0	0	0	5	0	6	6	0	0	0	6	0	.
50	Shirak	Vardakar	16	10	1	0	0	11	0	13	8	0	0	0	8	0	18
51	Shirak	Voskehask	39	23	0	0	0	23	0	38	30	0	0	0	30	0	25
<b>Polyclinics, health centers</b>																	
1	Shirak	Aghin	10	9	0	0	0	9	0	14	10	0	0	0	10	0	15
2	Shirak	Akhuryan	329	182	5	0	0	187	0	268	217	4	0	0	221	0	410
3	Lori	Alaverdi*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	328
4	Shirak	Amasia	85	.	.	.	.	.	.	78	.	.	.	.	.	.	130
5	Shirak	Anipemza	.	.	.	0	.	.	0	4	1	0	0	0	5	0	.
6	Lori	Dsegh	46	44	2	0	0	46	0	63	60	3	0	0	63	0	57

	Marz	Town/ village	Number of pregnancies in 2004	Number of births/deaths in 2004			Number of deliveries in 2004			Number of pregnancies in 2005	Number of births/deaths in 2005			Number of deliveries in 2005			Number of disabled
				Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home		Term life births	Pre-term life births	Neonatal deaths	In SVA or FAP	In Maternity hospital	At Home	
7	Lori	Margahovit	43	41	2	0	0	42	1	38	37	1	0	0	38	0	131
8	Lori	Mets Parni	130	116	14	0	0	130	0	110	99	11	0	0	109	1	91
9	Shirak	Panik	38	26	0	1	0	27	0	49	47	0	0	0	47	0	.
10	Lori	Spitak	239	226	7	0	0	232	1	253	231	2	0	0	231	2	1000
11	Lori	Stepanavan*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1008
12	Lori	Tashir	.	268	12	6	0	286	0	.	246	15	5	0	266	0	341
13	Lori	Vahagni	13	13	0	0	0	13	0	17	17	0	0	0	17	0	48

\* There is no women consultation at the policlinic

**Attachment 16. The availability of posters on the following topics at the targeted facilities of Lori and Shirak marzes**

	<b>Town/village</b>	<b>BBP (new)</b>	<b>Healthy Lifestyle</b>	<b>Nutrition</b>	<b>Smoking</b>	<b>HIV/AIDS</b>	<b>Tubercu-losis</b>	<b>Influenza</b>
1	Aghin	yes	no	yes	yes	yes	yes	no
2	Akhuryan	yes	no	yes	yes	yes	yes	yes
3	Alaverdi	yes	no	yes	yes	no	no	yes
4	Amasia	yes		.	yes	yes	yes	
5	Anipemza	yes	no	no	no	no	yes	no
6	Dsegh	yes	no	yes	no	no	no	yes
7	Margahovit	yes	no	no	no	yes	no	no
8	Mets Parni	yes	no	no	yes	yes	yes	yes
9	Panik	yes	yes	no	no	no	no	yes
10	Spitak	yes	yes	yes	yes	yes	yes	yes
11	Stepanavan	yes	yes	yes	no	yes	no	no
12	Tashir	yes	no	yes	yes	yes	yes	yes
13	Vahagni	yes	no	yes	no	no	no	no
14	Akhurik	yes	yes	no	yes	no	yes	yes
15	Anushavan	no	no	no	no	no	no	no
16	Arapi	no	no	no	no	no	no	yes
17	Aregnademi	no	no	no	no	no	no	no
18	Aygabac	no	no	no	no	yes	yes	no
19	Bagravan	no	no	no	no	no	no	yes
20	Bandivan	no	no	no	no	yes	no	no
21	Bayandur	no	no	no	no	no	no	no
22	Dzoragyuch	yes	yes	yes	no	no	no	yes
23	Fialetovo	no	no	no	no	no	no	no
24	Garnarich	no	no	no	no	yes	no	no
25	Ghursali	yes	no	.	no	.	no	.
26	Gtashen	no	no	.	no	yes	no	no
27	Haghpat	no	no	no	no	no	no	no
28	Horom	yes	no	no	no	yes	yes	no
29	Hovit	no	no	no	no	no	no	no
30	Hovuni	no	no	no	no	no	no	no
31	Isahakyan	no	no	no	no	no	no	yes
32	Jajur	yes	no	no	yes	no	no	no
33	Jiliza	no	no	no	no	no	no	no
34	Jrapi	no	yes	no	yes	yes	yes	yes
35	Jrashen	yes	no	no	no	no	no	no
36	Kamo	no	no	no	no	no	no	no

	<b>Town/village</b>	<b>BBP (new)</b>	<b>Healthy Lifestyle</b>	<b>Nutrition</b>	<b>Smoking</b>	<b>HIV/AIDS</b>	<b>Tubercu-losis</b>	<b>Influenza</b>
37	Kaps	no	no	no	no	no	no	no
38	Karnut	no	no	no	no	yes	no	no
39	Katnachbyur	no	no	no	no	no	no	no
40	Khnkoyan	no	yes	yes	no	no	no	no
41	Lermontovo	no	no	no	no	yes	no	no
42	Lernahovit	no	no	no	no	no	no	no
43	Lernancq	no	no	no	no	no	no	no
44	Lernapat	yes	no	no	no	no	no	no
45	Lorut	no	no	no	no	no	no	no
46	Lusaghbyur_L	no	no	no	yes	no	no	yes
47	Lusaghbyur_S	no	no	no	no	yes	no	no
48	Lusakert	no	no	yes	no	no	no	no
49	Marmashen	yes	no	yes	no	no	no	yes
50	Mayisyan	yes	no	no	yes	no	no	yes
51	Medovka	no	yes	no	no	yes	no	no
52	Meghrashen	no	yes	no	no	no	no	yes
53	Novoselcevo	.	.	.	.	.	.	.
54	Sarahart	no	no	no	no	no	no	no
55	Saramej	yes	no	no	no	no	no	no
56	Shamut	no	no	no	no	no	no	no
57	Shirak	no	no	yes	no	yes	no	no
58	Shirakavan	no	no	no	no	yes	yes	no
59	Shnogh	no	no	no	no	no	no	no
60	Teghut	no	no	no	no	no	no	no
61	Tumanyan	no	yes	yes	yes	yes	no	no
62	Urasar	no	no	no	no	no	no	no
63	Vardakar	no	yes	yes	no	no	no	no
64	Voskehask	no	no	no	no	no	no	no

**Attachment 17. The availability of health educational materials (brochures, booklets, leaflets) at the targeted facilities of Lori and Shirak marzes**

	Diabetes		Hypertension		Coronary heart disease		Breastfeeding		Breast self-exam.		Healthy nutrition		Smoking		Child care	
	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies
Aghin	.	.	.	.	.	.	3	.	.	.	.	.	15	17	.	.
Akhuryan	100	150	1	100	1	.	50	100	10	.	200	.	100	.	.	.
Alaverdi	.	.	.	.	.	.	.	.	.	.	10	15	.	.	.	.
Amasia	.	.	.	.	.	.	.	.	.	.	.	.	10	35	.	.
Anipemza	.	.	.	.	.	.	1	.	3	3	.	.	.	.	.	.
Dsegh	300	300	400	400	.	.	.	.	400	350	250	250	350	360	10	30
Margahovit	.	.	.	.	.	.	1	15	.	.	.	.	.	.	.	.
Mets Parni	1	.	.	.	.	.	.	.	.	.	.	.	20	30	.	.
Panik	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.
Spitak	100	100	1	.	.	.	1	.	.	.	1	.	.	.	1	.
Stepanavan	0	0	.	.	.	.	1	100	.	.	10	150	.	.	10	0
Tashir	.	.	.	.	.	.	6	24	.	.	.	.	.	.	.	.
Vahagni	200	100	300	100	100	150	50	20	60	30	200	100	100	50	30	25
Akhurik	.	.	.	.	.	.	1	16	.	.	.	.	.	.	.	.
Anushavan	4	3	.	.	.	.	2	12	.	.	.	.	.	.	2	0
Arapı	.	.	.	.	.	.	.	.	.	.	.	.	10	20	1	1
Aregnademi	1	1	.	.	.	.	1	2	.	.	.	.	.	.	.	.
Aygabac	.	.	.	.	.	.	3	2	.	.	2	0	30	10	20	5
Bagravan	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Bandivan	.	.	.	.	.	.	.	.	.	.	1	0	8	10	4	10
Bayandur	.	.	.	.	.	.	2	0	.	.	20	15	10	20	15	20
Dzoragyuch	20	30	15	15	10	20	13	10	20	10	15	13	11	10	10	15
Fialetovo	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Garnarich	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ghursali	5	15	.	.	.	.	.	.	.	.	.	.	1	10	.	.
Gtashen	.	.	.	.	.	.	0	1	.	.	2	2	0	3	0	3
Haghpat	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Horom	10	20	.	.	.	.	1	5	.	.	.	.	20	15	5	10
Hovit	.	.	.	.	.	.	5	10	.	.	7	13	3	7	.	.
Hovuni	.	.	.	.	.	.	.	.	1	1	.	.	.	.	1	0
Isahakyan	.	.	.	.	.	.	1	0	10	10	.	.	.	.	.	.
Jajur	.	.	.	.	.	.	.	.	50	100	100	100	50	150	.	.

	Diabetes		Hypertension		Coronary heart disease		Breastfeeding		Breast self-exam.		Healthy nutrition		Smoking		Child care	
	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies
Jiliza	.	.	.	.	1	0	.	.	.	.	.	.	.	.	.	.
Jrapi	.	.	.	.	.	.	1	10	3	12	.	.	.	.	1	1
Jrashen	.	.	.	.	.	.	.	.	1	50	.	.	10	20	.	.
Kamo	.	.	.	.	.	.	.	.	.	.	.	.	4	10	.	.
Kaps	.	.	.	.	.	.	1	1	.	.	.	.	10	5	1	.
Karnut	.	.	.	.	.	.	6	10	.	.	10	20	15	10	2	0
Katnachbyur	.	.	.	.	.	.	0	10	.	.	.	.	0	20	.	.
Khnkoyan	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lermontovo	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lernahovit	.	.	.	.	.	.	0	40	.	.	.	.	.	.	.	.
Lernancq	.	.	.	.	.	.	0	10	.	.	.	.	.	.	.	.
Lernapat	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lorut	1	15	2	15	.	.	.	.	1	15	.	.	1	15	.	.
Lusaghbyur L	.	.	.	.	.	.	3	0	.	.	.	.	.	.	1	3
Lusaghbyur S	.	.	.	.	.	.	1	0	10	20	10	20	.	.	.	.
Lusakert	.	.	.	.	.	.	7	0	.	.	4	10	4	0	6	10
Marmashen	.	.	.	.	.	.	4	3	1	10	.	.	4	50	6	20
Mayisyan	.	.	2	0	.	.	2	0	.	.	.	.	.	.	1	0
Medovka	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Meghrashen	.	.	.	.	.	.	2	15	.	.	1	.	1	10	1	1
Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sarahart	1	1	2	1	2	0	1	0	.	.	.	.	.	.	4	10
Saramej	.	.	.	.	.	.	.	.	.	.	.	.	1	20	.	.
Shamut	1	10	1	10	.	.	.	.	0	10	.	.	.	.	.	.
Shirak	.	.	.	.	.	.	2	50	.	.	.	.	.	.	.	.
Shirakavan	.	.	.	.	.	.	1	0	6	10	.	.	.	.	.	.
Shnogh	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Teghut	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	0
Tumanyan	5	500	2	500	.	.	.	.	10	500	.	.	5	500	.	.
Urasar	.	.	.	.	.	.	0	10	.	.	.	.	0	20	.	.
Vardakar	.	.	.	.	.	.	4	0	.	.	.	.	2	0	.	.
Voskehask	.	.	.	.	.	.	1	10	.	.	1	.	4	10	.	.
<b>Total</b>	<b>749</b>	<b>1245</b>	<b>726</b>	<b>1141</b>	<b>114</b>	<b>170</b>	<b>176</b>	<b>486</b>	<b>586</b>	<b>1131</b>	<b>844</b>	<b>708</b>	<b>784</b>	<b>1420</b>	<b>133</b>	<b>164</b>

**Attachment 17 (continuation)**

	Reproductive health		Healthy lifestyle		HIV/ AIDS		Tuberculosis		Oral hygiene		STDs		Vaccination		First aid	
	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies
Aghin	.	.	.	.	12	34	.	.	.	.	.	.	.	.	.	.
Akhuryan	.	.	.	.	200	300	200	200	.	.	100	200	.	.	.	.
Alaverdi	.	.	.	.	.	.	.	.	.	.	.	.	50	100	.	.
Amasia	.	.	.	.	15	30	8	32	.	.	.	.	.	.	.	.
Anipemza	.	.	.	.	.	.	.	.	3	3	.	.	.	.	.	.
Dsegh	5	25	.	.	1	19	.	.	.	.	1	49	26	24	.	.
Margahovit	1	15	.	.	.	.	.	.	.	.	1	30	5	120	.	.
Mets Parni	1	49	.	.	3	47	.	.	.	.	.	.	.	.	.	.
Panik	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spitak	1	.	1	.	1	.	.	.	0	.	5	.	10	.	.	.
Stepanavan	.	.	.	.	2	0	1	0	.	.	1	0	50	100	.	.
Tashir	6	12	.	.	1	.	2	10	.	.	10	10	15	11	2	10
Vahagni	.	.	100	50	1	20	1	10	1	15	1	20	1	50	1	20
Akhurik	.	.	.	.	1	20	1	12	.	.	1	25	.	.	.	.
Anushavan	.	.	.	.	4	7	3	9	.	.	.	.	5	3	.	.
Arapi	.	.	.	.	20	20	.	.	.	.	.	.	.	.	.	.
Aregnademi	.	.	2	3	6	10	.	.	.	.	3	2	.	.	.	.
Aygabac	.	.	2	0	1	0	.	.	.	.	20	10	.	.	.	.
Bagravan	.	.	1	20	.	.	.	.	.	.	.	.	2	20	.	.
Bandivan	.	.	1	0	8	10	5	15	.	.	1	0	.	.	.	.
Bayandur	2	0	1	0	20	20	7	10	.	.	1	0	9	10	.	.
Dzoragyuch	12	15	20	20	2	10	.	.	1	0	1	0	1	20	.	.
Fialetovo	2	11	.	.	.	.	.	.	.	.	6	15	.	.	.	.
Garnarich	.	.	.	.	6	0	.	.	.	.	.	.	.	.	.	.
Ghursali	4	6	.	.	4	10	.	.	.	.	.	.	.	.	.	.
Gtashen	.	.	0	4	8	3	2	3	.	.	4	7	1	.	.	.
Haghpat	.	.	.	.	.	.	.	.	.	.	15	50	.	.	.	.
Horom	.	.	.	.	20	40	.	.	.	.	.	.	.	.	.	.
Hovit	3	5	.	.	5	10	6	10	.	.	2	8	1	0	.	.
Hovuni	1	0	.	.	5	20	2	6	.	.	.	.	1	0	1	0
Isahakyan	.	.	.	.	.	.	.	.	10	20	.	.	.	.	.	.
Jajur	10	50	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Jiliza	.	.	.	.	1	0	.	.	.	.	1	0	.	.	.	.
Jrapi	.	.	7	7	18	20	6	12	14	10	10	14	1	0	.	.

	Reproductive health		Healthy lifestyle		HIV/ AIDS		Tuberculosis		Oral hygiene		STDs		Vaccination		First aid	
	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies	# of available copies	# of distributed copies
Jrashen	.	.	.	.	10	15	10	20	.	.	.	.	.	.	.	.
Kamo	15	50	.	.	15	100	2	20	.	.	10	10	2	10	.	.
Kaps	7	.	10	10	20	10	10	10	.	.	10	10	.	.	.	.
Karnut	20	15	1	0	30	40	11	15	.	.	5	10	.	.	.	.
Katnachbyur	.	.	.	.	0	10	.	.	.	.	.	.	.	.	.	.
Khnkoyan	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lermontovo	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lernahovit	.	.	.	.	.	.	.	.	.	.	.	.	1	50	.	.
Lernancq	.	.	.	.	.	.	.	.	.	.	.	.	12	10	.	.
Lernapat	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lorut	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lusaghbyur_L	.	.	.	.	.	.	.	.	.	.	.	.	8	8	.	.
Lusaghbyur_S	10	20	2	0	3	0	.	.	.	.	2	0	.	.	.	.
Lusakert	7	0	.	.	3	10	4	0	.	.	.	.	1	0	.	.
Marmashen	.	.	.	.	21	200	10	22	.	.	2	.	.	.	.	.
Mayisyan	1	0	.	.	2	0	.	.	.	.	2	0	20	100	.	.
Medovka	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Meghrashen	.	.	1	1	4	10	.	.	.	.	1	0	4	.	.	.
Novoselcevo	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sarahart	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Saramej	.	.	.	.	1	20	.	.	.	.	.	.	.	.	.	.
Shamut	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shirak	3	10	1	50	1	20	.	.	.	.	.	.	2	30	.	.
Shirakavan	.	.	1	0	1	0	2	0	30	20	20	20	5	50	.	.
Shnogh	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Teghut	1	40	.	.	.	.	.	.	.	.	1	40	.	.	.	.
Tumanyan	.	.	.	.	.	.	.	.	.	.	1	500	.	.	.	.
Urasar	.	.	.	.	0	10	.	.	.	.	.	.	.	.	.	.
Vardakar	10	0	.	.	5	0	.	.	.	.	5	0	.	.	.	.
Voskehask	.	.	1	10	2	13	1	.	.	.	3	4	1	.	.	.
<b>Total</b>	<b>122</b>	<b>323</b>	<b>152</b>	<b>175</b>	<b>471</b>	<b>1074</b>	<b>294</b>	<b>416</b>	<b>59</b>	<b>68</b>	<b>246</b>	<b>1034</b>	<b>234</b>	<b>716</b>	<b>4</b>	<b>30</b>