

**OFFICIAL
DOCUMENTS**

LN 8475-UA

Supplemental Letter No. 2

UKRAINE

March 19, 2015

International Bank for
Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Re: Loan No. 8475-UA (Serving People, Improving Health Project)
Performance Monitoring Indicators

Dear Sirs and Mesdames:

Referring to the provisions of Section II.A of Schedule 2 to the Loan Agreement between Ukraine (Borrower) and the International Bank for Reconstruction and Development (Bank) for the above-captioned Project, the Borrower hereby confirms to the Bank that the indicators set out in the attachment to this letter shall serve as a basis for the Borrower to monitor and evaluate the progress of the Project and the achievement of the objectives thereof.

Very truly yours,

UKRAINE

By

Authorized Representative

Attachment

**Improving Health Service for the Population Project
Performance Monitoring Indicators**

Project Development Objective: The proposed Serving People, Improving Health Project seeks to improve the quality of health services in selected Oblasts, with special focus on primary and secondary prevention of CVDs and cancer, and to enhance efficiency of the health care system.									
Indicator Name	Unit of Measure	Baseline ¹	Target Values				Frequency	Data Source	Responsibility for data collection ²
			YR1 2015	YR2 2016	YR3 2017	YR4 2018			
Core									
PDO LEVEL RESULTS INDICATORS									
PDO Indicator 1: Early detection of cervical and breast cancer as measured: a) Ratio of new in situ to new invasive cervical cancer ³ b) Share of new breast cancer detected at stage I	a) ratio b) % of all new breast cancer	a) 0.79 b) 21.8	a) 0.79 b) 22.0	a) 0.80 b) 24.0	a) 0.88 b) 30.0	-	-	Expert analysis of medical records and administrative data (Form 35, Form 7)	MoH, Oblast (Lviv)
PDO Indicator 2: High blood pressure under control as measured by the share of patients aged 40-60 achieving target level of blood pressure (measure is 140/90mmHg)	% of patients aged 40-60 whose blood pressure is controlled (achieved target level of BP) out of all patients aged 40-60 diagnosed with hypertension over past 12	15.4 ⁴	15.7	16	17.5	18	19	Expert analysis on medical records (Form 025/o)	MoH, Oblast (Pilot Oblasts except Lviv)

¹ Baseline is indicated for 2013 (the most recent data available), unless otherwise stated.

² Indicators are tracked either at the national or at regional level (for Oblasts, where relevant activities are planned). These oblasts are specified in column "Responsibility for data collection"

³ In 2013 in Lviv oblast there were 181 cases detected at stage 0 (in situ) and 229 cases of invasive cancer (stages I-IV), the ratio is calculated as number of 0 stage cases divided by number of all invasive cancer cases

⁴ The current baseline is based on data from Poltava Oblast. This baseline would be refined based on an expert analysis of medical documentation to be conducted during Year 1 of the Project.

PDO Indicator 3: Improved quality management (prevention, early diagnosis and treatment) of CVDs at primary and secondary care measured as:	months	a) Number per 1,000 population b) Number per 1,000,000 population	a) 5.8 b) 93.6	a) 5.7 b) 117.2	a) 5.4 b) 146.2	a) 5.2 b) 163.9	a) 5.0 b) 184.6	a) 4.8 b) 193.7	Annual	Administrative data (Form 20), (Form 110/o), reports from Oblasts	MoH, Oblasts a) Pilot Oblasts (except Lviv) b) Rivne, Dnepropetrovsk, Vinnytsia, Volyn, Zakarpattia
a) reduction of hypertension-related hospitalization due to improved management of hypertension at out-patient and PHC level;											
b) number of patients who received stenting for acute myocardial infarction with ST segment elevation											
PDO Indicator 4: Average in-patient length of stay in hospitals	Days		11.7	11.6	11.5	11.0	10.5	9.5	Annual	Administrative data (Form 20)	MoH, Oblast
INTERMEDIATE RESULTS INDICATORS											
5. Health personnel receiving training	+	Number	0	1,929	9,820	14,749	20,480	24,937	Every 6 months	Reports from Oblasts	MoH, Oblasts (Pilot Oblasts)
6. Health facilities reconstructed, renovated, and equipped	+	Number	0	10	139	202	259	260	Every 6 months	Reports from Oblasts	MoH, Oblasts (Volyn, Dnepropetrovsk, Rivne, Vinnytsia)
7. % of primary health care facilities meeting the equipment norms for improved management of CVD		% of primary care facilities in relevant Oblasts that fully matches the approved list of	31 ⁵	33	36	40	45	55	Every 6 months	Reports from Oblasts	MoH, Oblasts (Pilot Oblasts except Lviv)

⁵ Baseline is based on study conducted on medical records in Rivne oblast. This baseline will be refined based on a facility study planned for year 1 of the Project.

(according to an explicit list)	equipment out of all primary care facilities in the concerned Oblast																
8. Number of cancer screening procedures performed: a) cervical cancer tests b) mammograms	Total number of procedures performed following specific protocols	a) 710,000 b) 22,000	a) 750,000 b) 48,000	a) 830,000 b) 150,000	-	-	Every 6 months	Administrative data (Form 20, Cancer registry)	MoH, Oblast (Lviv)								
9. Share of acute myocardial infarction with ST segment elevation diagnoses confirmed according to appropriate protocols in the previous 12 months	% of all new diagnoses of myocardial infarction with ST segment elevation diagnoses which are conforming to an appropriate protocol out of all new diagnoses of myocardial infarction with ST segment elevation in the previous 12 months	66	68	72	75	78	Every 6 months	Expert analysis of medical records	MoH, Oblast (Dnepropetrovsk, Rivne, Vinnitsa, Volyn, Zakarpattia)								
10. Share of primary care centers which have structured schools of health or similar initiatives working on educational group activities related to main NCDs' risk factors	% of primary care centers in pilot Oblast	0	20	30	40	50	Every 6 months	Reports from Oblasts	MoH, Oblasts (Pilot Oblasts)								

⁶ Data is not collected via official statistics; baseline is indicated as indicator available from Rivne oblasts based on medical records study conducted. This baseline would be refined based on an expert analysis of medical documentation to be conducted during Year 1 of the Project

11. Critical e-Health standards approved by MoH	Text (yes/no)	No	First set of ⁷ standards approved/ yes	Second set of ⁸ standards approved/ yes			Two sets approved/ yes	Every 6 months	Project progress report from PCSU, expert assessment	MoH
12. Communication campaign designed and implemented at central level	Text (yes/no)	No					Yes	Every 6 months	Project progress report from PCSU	MoH
13. Availability of hospital beds	per 100,000 population	880	860	820	780	700	650	Every 6 months	Administrative data (Form 20)	MoH, Oblasts
14. Number of Oblasts that in any given year have implemented at least one productivity enhancing reform	Number of pilot Oblasts which introduced at least 1 reform in a given year (cumulative)	0	1	2	4	7	8	Every 6 months	Expert evaluation based on reports from Oblasts	MoH, Oblasts (Pilot oblats)
15. Share of beneficiaries in participating oblats reporting improvement in the access and quality of the targeted healthcare services	% of all people interviewed who report improvements in the quality and accessibility of services vis a vis previous survey	0 (baseline survey)	0	5 (first follow up survey)	10		20	Every two years	Survey	MoH, Oblasts

⁷ Basic e-Health standards are approved by the MoH. These include: the electronic registry of patients (central), the regulations governing a nation-wide unique patient ID, the electronic medical record (in facilities), the identification of users of electronic resources, the basic data exchange in the health care sector, and the structure of specialized electronic health care registries.

⁸ The architecture and functional standards of the information systems in the health care sector (at least: hospital and polyclinics) approved by MoH