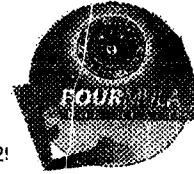


Republic of the Philippines  
Department of Health  
**OFFICE OF THE SECRETARY**  
Building 1, San Lazaro Compound, Rizal Avenue  
Sta. Cruz, Manila, Philippines  
Tel. Nos. (632) 711-9502, 711-9503 and 781-4362; Telefax No. (632) 743-1821



February 27, 2009

**DEPARTMENT CIRCULAR**

No. 2009-0048

**FOR: ALL UNDERSECRETARIES, ASSISTANT SECRETARIES; DIRECTORS OF BUREAUS, CENTERS FOR HEALTH DEVELOPMENT, SERVICES AND SPECIALTY HOSPITALS; CHIEFS OF MEDICAL CENTERS AND HOSPITALS, PRESIDENT OF THE PHIL. INSURANCE CORPORATION AND EXECUTIVE DIRECTORS OF PHIL. NATIONAL AIDS COUNCIL, PHIL. INSTITUTE OF TRADITIONAL AND ALTERNATIVE HEALTH CARE, NATIONAL NUTRITION COUNCIL, POPULATION COMMISSION, LOCAL WATER UTILITIES ADMINISTRATION AND OTHERS CONCERNED.**

**SUBJECT: Use of WHO Blood Safety Indicators (BSI) Forms for the Department of Health - National Voluntary Blood Services Program (DOH-NVBSP) Accomplishment Reports**

The WHO Blood Safety Indicators Forms were presented and discussed during the July 31-August 1 and November 18-21, 2008 Consultative Meetings with all Regional Blood Program Coordinators, Heads of Blood Centers, selected Hospital Blood Bank Heads and Philippine National Red Cross (PNRC). As agreed, the WHO Blood Safety Indicators Forms will be adapted in the Philippines. Hence, the WHO BSI Forms will be used by all Blood Service Facilities (government, private and PNRC) to efficiently consolidate data for better monitoring of the Program and identification of priority areas for support and strengthening. The said data will be submitted annually to the World Health Organization (WHO).

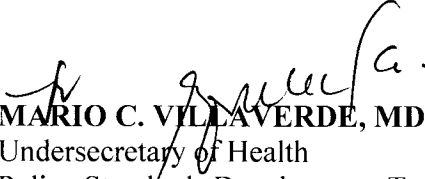
Attached for your guidance and appropriate action is a copy of the Blood Safety Indicators Forms from the World Health Organization (WHO).

Please submit the CY 2008 NVBSP reports using this WHO BSI Forms by March 31, 2009.

For any inquiries please call either Ms. Juliet Terania / Ms. Avelonia Vea at telefax 7428087 or 7428091 or Ms. Rubena Felix at telefax 929-7911.

For compliance.

By Authority of the Secretary of Health

  
**MARIO C. VILLAVERDE, MD., MPH., MPM., CESO II**  
Undersecretary of Health  
Policy Standards Development Team for Service Delivery



## Collection of Blood Safety Indicators for the period January 2008 – December 2008

The World Health Organization (WHO) programme on Blood Transfusion Safety would appreciate your kind cooperation in completing this form which has been designed to obtain information on key blood safety indicators for the Philippines. Information on Blood Safety Indicators will be collected annually for the WHO Global Database on Blood Safety (GDBS).

The GDBS was established by WHO to address global concerns about the safety and availability of blood for transfusion. It covers the four major components of the integrated strategy for blood safety advocated by WHO:

- The establishment of well-organized, nationally-coordinated blood transfusion services with quality systems in all areas
- The collection of blood only from voluntary non-remunerated blood donors from low-risk populations
- The screening of all donated blood for transfusion-transmissible infections, including HIV, hepatitis B and C, syphilis and other infectious agents, blood grouping and compatibility testing
- A reduction in unnecessary transfusions through the safe and appropriate use of blood.

The objective of the collection and analysis of key quantitative blood safety indicators from the Member States of WHO is to enable WHO to assess the global situation on blood safety, monitor trends and progress and identify priority countries for support.

### NOTE:

- This form is the modified version of the WHO Blood Safety Indicators (BSI) with the purpose of consolidating the data for submission to the WHO.
- Please provide details of the person who completes the form so that PBC staff can make contact, if necessary, for clarification and further information.
- The form should be completed with indicators for the period January to December 2008.
- Before completing this form, please refer to the accompanying example of a completed Blood Safety Indicators form. This gives guidance on reporting the indicators, including the formulae where simple calculations are required.
- The BSI forms submitted will be consolidated at PBC-IT Division. The consolidate report will be submitted to the WHO.

## Returning the Indicators Form

Mechanics of submission:

- All BSFs shall submit a copy of the completed BSI forms to their respective RBPCs.
  - Send a copy to PBC-IT: [pytpath@yahoo.com](mailto:pytpath@yahoo.com) and advise Dr. Bobong Tagayuna through text @ 09209610407. You may also call (02) 9297911.
  - As a back up procedure, please print a copy and send it to:  
Philippine Blood Center  
IT Division  
PCMC Building, Quezon Avenue coner Agham Road  
Quezon City  
Telefax: (02) 9297911
- PNRC BSFs submit completed BSI forms to NBC of PNRC
- Regional level: RBPCs must submit a region-wide consolidated report to PBC-IT Division
- Country level - One consolidated report from PNRC and DOH data (c/o PBC-IT)



### Administrative Information

Date	
Name of BSF*	
Period covered by report	1 January 2008 to 31 December 2008
Name	
Position	
Institution	
Address	
Telephone no.	
Fax no.	
E-mail	

### For Regional Blood Program Coordinators only

Number of blood service facilities in the Region**	
Number of blood service facilities covered in the report	
Total population (based on NSO data)	
* For Regional Blood Program Coordinators, indicate name of region instead of name of BSF	
** Indicate BSF classification i.e. how many BCs, BCUs, etc.	

### A Blood Donors

1	Number of blood donors who donated whole blood and through apheresis procedures (excluding autologous donors)	
1.1	Total number of donors who donated blood	
1.2	Number of voluntary non-remunerated donors who donated blood	
2	Number of blood donors deferred from blood donation, by reason for deferral	
2.1	Low haemoglobin (in the old monitoring forms this is under <b>Hemoglobin</b> )	
2.2	Other medical conditions (in the old monitoring forms this is under <b>PE&amp;Hx</b> )	
2.3	High-risk behaviour (in the old monitoring forms this is under <b>TTDs</b> )	
2.4	Other reasons including travel, etc (in the old monitoring forms this is under <b>Other Reasons</b> )	
2.5	Total deferrals	

### B Blood Donations

3	Number of donations of whole blood and through apheresis procedures (excluding autologous donations)		
3.1	Whole blood		
3.2	Apheresis red cells		
3.3	Apheresis platelets		
3.4	Apheresis plasma		
3.5	Total donations		
3.6	% of blood donations from blood centres covered in the report (if all blood centres are not covered by this report)		%
4	Number and % of donations of whole blood and through apheresis procedures, by types of donation	No.	%
4.1	Voluntary non-remunerated donations		%
4.2	Family / replacement donations		%
4.3	Paid donations		%
4.4	Total donations		%
5	Donations per 1000 population		
6	Donation : Donor ratio for voluntary non-remunerated blood donors (see formula in <i>Example of Completed Blood Safety Indicators form</i> )		

<b>C Blood Screening</b>					
7	Number and % of donations screened for transfusion-transmissible infections (TTIs)	No.	%		
7.1	HIV		%		
7.2	Hepatitis B		%		
7.3	Hepatitis C		%		
7.4	Syphilis		%		
7.5	Chagas disease		%		
7.6	Malaria		%		
7.7	HTLV I/II		%		
8	Number and % of donations that were reactive in the screening test and/or positive in the confirmatory test				
	TTI markers	Screening test reactive		Confirmatory test positive	
		No.	%	No.	%
8.1	HIV		%		%
8.2	HBV		%		%
8.3	HCV		%		%
8.4	Syphilis		%		%
8.5	Chagas disease		%		%
8.6	Malaria		%		%
8.7	HTLV I/II		%		%
9	Prevalence of the following TTI markers in donated blood				
9.1	HIV			%	
9.2	HBV			%	
9.3	HCV			%	
9.4	Syphilis			%	
10	Number and % of donations discarded, by cause	No.	%		
10.1	Due to TTIs		%		
10.2	Due to date expiry (for whole blood and red cells concentrate)		%		
10.3	Due to other causes		%		
10.4	Total donations discarded		%		

<b>D Blood Component Preparation and Storage</b>				
		No.	%	
11	Number and % of blood centres that prepare blood components		%	
12	Number and % of whole blood units separated into components		%	
13	Number and % of blood centres which store all whole blood and blood components in equipment with temperature-monitoring systems		%	

<b>E Clinical Use of Blood and Blood Components</b>				
14	Number of hospitals in the country which perform blood transfusion			
15	Number and % of hospitals performing blood transfusion which have or participate in:	No.	%	
15.1	Hospital transfusion committee		%	
15.2	System for monitoring clinical transfusion practice		%	
15.3	System for reporting adverse transfusion events		%	
16	Number of serious adverse transfusion events reported in the country			

## F Quality Systems

17 Details of blood centres/laboratories in which screening for TTIs and testing for blood group serology (BGS) are performed: number of donations tested, use of standard operating procedures (SOPs) and participation in External Quality Assessment (EQA)

Blood centre/ laboratory ID	Total donations	Transfusion-transmissible infections						Blood group serology		
		No. of donations screened for TTIs				SOPs used	Participate in EQA	No. of donations tested	SOPs used	Participate in EQA
		HIV	HBV	HCV	Syphilis					
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										
<b>Total</b>										

18 Percentage of donated blood units screened for TTIs and BGS in a quality-assured manner (see formula in *Example of Completed Blood Safety Indicators form*)

	Total number of donated blood units screened/tested in a quality-assured manner	% of donated blood units screened/ tested in a quality-assured manner
18.1 HIV		
18.2 HBV		
18.3 HCV		
18.4 Syphilis		
18.5 Blood group serology		