



*Exposure Prevention Information Network*

## Official US 2005 Report for Blood & Body Fluid Exposures

**Total Cases: 286**

**Average Daily Census: 3,885**

**9 Teaching facilities (average daily census = 2290; total exposures = 199)**

**26 Non-teaching facilities (average daily census = 1595; total exposures = 87)**

Job category		
1 Doctor (attending.staff) List specialty	110	10.70%
2 Doctor (intern/resident/fellow) List specialty	165	16.10%
3 Medical Student	7	0.70%
4 Nurse	396	38.50%
3 Medical Student	2	0.70%
4 Nurse	140	49.00%
5 Nursing Student	2	0.70%
6 Respiratory Therapist	4	1.40%
7 Surgery Attendant	13	4.50%
8 Other Attendant	5	1.70%
9 Phlebotomist/ Venipuncture/ IV Team	4	1.40%
10 Clinical Laboratory Worker	6	2.10%
11 Technologist (non lab)	15	5.20%
14 Housekeeper	1	0.30%
15 Other, describe	16	5.60%
16 Paramedic	4	1.40%
17 Other Student	3	1.00%
18 CNA/HHA	8	2.80%
20 Security	8	2.80%
Total Records: 286		

Where did the exposure occur?		
1 Patient Room/Ward	99	34.70%
3 Emergency Department	32	11.20%
4 Intensive/Critical Care Unit	38	13.30%
5 Operating Room/Recovery	55	19.30%
6 Outpatient Clinic/Office	4	1.40%
8 Venipuncture Center	1	0.40%
10 Procedure Room	19	6.70%
11 Clinical Laboratories	7	2.50%
14 Other, describe	15	5.30%
16 Labor and Delivery Room	13	4.60%
17 Home-care	2	0.70%

Total Records: 285
--------------------

Was the source patient identifiable?		
1 Yes	275	97.20%
2 No	5	1.80%
3 Unknown	2	0.70%
4 N/A	1	0.40%
Total Records: 283		

Which body fluids were involved?		
Blood or blood products	221	77.30%
Vomit	6	2.10%
Sputum	24	8.40%
Saliva	12	4.20%
CSF	3	1.00%
Peritoneal	4	1.40%
Pleural	0	0.00%
Amniotic	5	1.70%
Urine	9	3.10%
BFOther	36	12.60%
Total Records: 286		

Was the body fluid, other than blood, visibly contaminated with blood?		
1 Yes	187	78.20%
2 No	29	12.10%
3 Unknown	23	9.60%
Total Records: 239		

Were the exposed parts:		
Intact Skin	52	18.20%
Non-Intact Skin	44	15.40%
Eyes (Conjunctiva)	192	67.10%
Nose (Mucosa)	11	3.80%
Mouth (Mucosa)	23	8.00%
Other Exposed Parts	13	4.50%
Total Records: 286		

Did the blood or body fluids touch/soak?		
Touch Unprotected Skin	227	83.80%
Touch Skin Between Gap in Protective Garment	37	13.70%
Soaked through Protective Garment	2	0.70%
Soaked through Clothing	5	1.80%

Total Records: 271
--------------------

Which barrier items were worn at the time of exposure?		
Single Pair of Gloves	174	60.80%
Double Pair of Gloves	25	8.70%
Goggles	13	4.50%
Eyeglasses, (not protective)	28	9.80%
Eyeglasses with Sideshields	5	1.70%
Faceshield	12	4.20%
Surgical Mask	51	17.80%
Surgical Gown	57	19.90%
Plastic Apron	1	0.30%
Labcoat, Cloth, (not protective)	2	0.70%
Labcoat, Other	4	1.40%
Other	31	10.80%
Total Records: 286		

Was the exposure the result of?		
1 Direct patient contact	146	52.00%
2 Specimen container leaked/spilled	23	8.20%
4 IV tubing/bag/pump leaked/broke	19	6.80%
5 Other body fluid container spilled/leaked	11	3.90%
6 Touched contaminated equipment/surface	2	0.70%
7 Touched contaminated drapes/sheets/gown	1	0.40%
9 Other, describe	56	19.90%
10 Feeding/ventilator/other tube separated/leaked/spilled	23	8.20%
Total Records: 281		

For how long was the blood or body fluid in contact with your skin or mucous membrane?		
1 Less than 5 minutes	208	75.40%
2 5-14 minutes	36	13.00%
3 15 minutes to 1 hr	28	10.10%
4 More than 1 hr	4	1.40%
Total Records: 276		

How much blood/body fluid came in contact with your skin or mucous membrane?		
1 Small amount (up to 5 cc)	245	88.40%
2 Moderate amount (up to 50 cc)	25	9.00%
3 Large amount (more than 50 cc)	7	2.50%
Total Records: 277		

Exposure location: Largest exposure
-------------------------------------

Arm	21	7.60%
Face/Head	217	78.10%
Front	3	1.10%
Hand, left	17	6.10%
Hand, right	20	7.20%
Total Records: 278		

Exposure location: Middle exposure		
Arm	7	5.70%
Face/Head	94	77.00%
Front	5	4.10%
Hand, left	8	6.60%
Hand, right	8	6.60%
Total Records: 122		

Exposure location: Smallest exposure		
Arm	6	26.10%
Back	1	4.30%
Face/Head	4	17.40%
Front	3	13.00%
Hand, left	4	17.40%
Hand, right	3	13.00%
Leg	2	8.70%
Total Records: 23		

