

National Nurse Aide Assessment Program (NNAAP[®])

Report on NNAAP Skills Pass Rates in Pennsylvania

Program: **Pennsylvania Nurse Aides**
Prepared by: Pearson VUE
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1.0 Purpose of the report

This report provides summary pass rate information on the performance of Pennsylvania nurse aide candidates to whom the NNAAP Skills examination was administered from January through December 2011. The report also provides a detailed analysis of NNAAP skills with lower pass rates during the period, providing indication where remediation efforts may be best targeted to help improve future performance.

2.0 NNAAP skills pass rates for January 1 through December 31, 2011

Skill Description	2010		2011	
	National Pass %	Pennsylvania Pass %	National Pass %	Pennsylvania Pass %
Washes hands	99%	99%	99%	99%
Applies one knee-high elastic stocking	95%	96%	95%	94%
Assists to ambulate using transfer belt	94%	94%	95%	94%
Assists with use of bedpan	86%	N/A	86%	N/A
Cleans upper or lower denture	94%	95%	95%	93%
Counts and records radial pulse	83%	88%	84%	88%
Counts and records respirations	92%	94%	92%	94%
Donning and removing PPE (gown and gloves)	93%	94%	93%	94%
Dresses client with affected (weak) right arm	87%	87%	88%	86%
Feeds client who cannot feed self	89%	92%	90%	92%
Gives modified bed bath (face and one arm, hand and underarm)	86%	89%	86%	87%
Makes an occupied bed	96%	97%	96%	96%
Measures and records blood pressure — two step procedure used in PA only	82%	82%	84%	84%
Measures and records urinary output	86%	87%	87%	86%
Measures and records weight of ambulatory client	91%	91%	91%	91%
Performs passive range of motion (PROM) for one knee and one ankle	97%	98%	97%	97%
Performs passive range of motion (PROM) for one shoulder	96%	97%	95%	97%
Positions on side	95%	94%	95%	94%
Provides catheter care for female	81%	82%	83%	83%
Provides fingernail care on one hand	94%	95%	93%	92%
Provides foot care on one foot	92%	94%	92%	92%
Provides mouth care	91%	90%	90%	90%
Provides perineal care (Peri-Care) for female	81%	83%	82%	81%
Transfers from bed to wheelchair using transfer belt	94%	94%	94%	94%

3.0 Detailed analysis of NNAAP skills with the lowest pass rates in Pennsylvania

The following analysis of five (5) NNAAP skills with the lowest pass rates in Pennsylvania, for all four quarters of 2011, provides indication where remediation efforts may be best targeted to help improve future performance.

Skill #9: Dresses client with affected right arm

838 candidates took this skill, 13% failed; 5% failed due to the critical step. The critical step description is bold and highlighted in blue.

Step	Step Description	Step fail rate		
		10% - 20%	21% - 40%	>40%
1	Explains procedure, speaking clearly, slowly, and directly, maintaining face-to-face contact whenever possible			
2	Privacy is provided with a curtain, screen, or door	X		
3	Asks which top he/she would like to wear and dresses him/her in top of choice.	X		
4	While avoiding overexposure of client, removes gown from the unaffected side first, then removes gown from the affected side.		X	
5	Assists to put the right (affected/weak) arm through the right sleeve of the top before placing garment on left (unaffected) arm.			
6	While putting on items, moves body gently and naturally, avoiding force and over-extension of limbs and joints			
7	Finishes with clothing in place			
8	Disposes of gown into soiled linen container	X		
9	Signaling device is within reach and bed is in low position			
10	Washes hands	X		

Skill #15: Measures and records blood pressure (two-step procedure used in PA only)

1,562 candidates took this skill, 18% failed; less than 10% failed due to the critical step. The critical step description is bold and highlighted in blue.

Step	Step Description	Step fail rate		
		10% - 20%	21% - 40%	>40%
1	Explains procedure to client, speaking clearly, slowly, and directly, maintaining face-to-face contact whenever possible			
2	Before using stethoscope, wipes diaphragm and earpieces of stethoscope with alcohol	X		
3	Client's arm is positioned with palm up and upper arm is exposed			
4	Feels for brachial artery on inner aspect of arm, at bend of elbow.	X		
5	Places blood pressure cuff snugly on client's upper arm, with sensor/arrow over brachial artery site			
6	Locates radial pulse with fingertips			
7	Inflates the cuff to no more than 30 mm Hg beyond where pulse is last felt	X		
8	Deflates cuff			
9	Locates brachial pulse with fingertips	X		
10	Earpieces of stethoscope are in ears and bell/diaphragm is over brachial artery site			
11	Inflates the cuff to no more than 30 mm Hg beyond where pulse was last felt	X		
12	Deflates cuff slowly and notes the first sound (systolic reading), and last sound (diastolic reading) (If rounding needed, measurements are rounded UP to the nearest 2 mm of mercury.)			
13	Removes cuff			
14	Signaling device is within reach	X		
15	Washes hands	X		
16	After obtaining reading using BP cuff and stethoscope, records both systolic and diastolic pressures each within plus or minus 8 mm of evaluator's reading	X		

Skill #16: Measures and records urinary output

2,530 candidates took this skill, 13% failed; **Less than 5%** failed due to the critical step. The critical step description is bold and highlighted in blue.

Step	Step Description	Step fail rate		
		10% - 20%	21% - 40%	>40%
1	Puts on clean gloves before handling bedpan			
2	Pours the contents of the bedpan into measuring container without spilling or splashing urine outside of container			
3	Measures the amount of urine at eye level with container on flat surface			
4	After measuring urine, empties contents of measuring container into toilet			
5	Rinses measuring container and pours rinse into toilet	X		
6	Rinses bedpan and pours rinse into toilet	X		
7	After rinsing equipment, and before recording output, removes and disposes of gloves (without contaminating self) into waste container and washes hands	X		
8	Records contents of container within plus or minus 25 ml/cc of evaluator's reading			

Skill #21: Provides catheter care for female

872 candidates took this skill, 18% failed; **Less than 5%** failed due to the critical step. The critical step description is bold and highlighted in blue.

Step	Step Description	Step fail rate		
		10% - 20%	21% - 40%	>40%
1	Explains procedure, speaking clearly, slowly, and directly, maintaining face-to-face contact whenever possible			
2	Privacy is provided with a curtain, screen, or door			
3	Before washing checks water temperature for safety and comfort and asks client to verify comfort of water		X	
4	Puts on clean gloves before washing			
5	Places linen protector under perineal area before washing	X		
6	Exposes area surrounding catheter while avoiding overexposure of client			
7	Applies soap to wet washcloth			
8	While holding catheter near meatus without tugging, cleans at least four inches of catheter nearest meatus, moving in only one direction (i.e., away from meatus) using a clean area of the cloth for each stroke	X		
9	While holding catheter near meatus without tugging, rinses at least four inches of catheter nearest meatus, moving only in one direction, away from meatus, using a clean area of the cloth for each stroke	X		
10	While holding catheter near meatus without tugging, dries four inches of catheter moving away from meatus	X		
11	Empties, rinses, and dries basin	X		
12	After rinsing basin, places basin in designated dirty supply area			
13	Disposes of used linen into soiled linen container and disposes of linen protector appropriately	X		
14	Avoids contact between candidate clothing and used linen			
15	After disposing of used linen and cleaning equipment, removes and disposes of gloves (without contaminating self) into waste container and washes hands	X		
16	Signaling device is within reach and bed is in low position			

Skill #25: Provides perineal care (peri-care) for female

854 candidates took this skill, 17% failed; Less than 5% failed due to the critical step. The critical step description is bold and highlighted in blue.

Step	Step Description	Step fail rate		
		10% - 20%	21% - 40%	>40%
1	Explains procedure, speaking clearly, slowly, and directly, maintaining face-to-face contact whenever possible			
2	Privacy is provided with a curtain, screen, or door			
3	Before washing checks water temperature for safety and comfort and asks client to verify comfort of water		X	
4	Puts on clean gloves before washing perineal area			
5	Places pad/ linen protector under perineal area before washing	X		
6	Exposes perineal area while avoiding overexposure of client	X		
7	Applies soap to wet washcloth			
8	Washes genital area, moving from front to back, while using a clean area of the washcloth for each stroke			
9	Using clean washcloth, rinses soap from genital area, moving from front to back, while using a clean area of the washcloth for each stroke	X		
10	Dries genital area moving from front to back with towel			
11	After washing genital area, turns to side, then washes and rinses rectal area moving from front to back using a clean area of washcloth for each stroke. Dries with towel		X	
12	Repositions client	X		
13	Empties, rinses, and dries basin	X		
14	After rinsing basin, places basin in designated dirty supply area			
15	Disposes of used linen into soiled linen container and disposes of linen protector appropriately			
16	Avoids contact between candidate clothing and used linen			
17	After disposing of used linen, and placing used equipment in designated dirty supply area, removes and disposes of gloves (without contaminating self) into waste container and washes hands	X		
18	Signaling device is within reach and bed is in low position			