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# **Earnings and Supplementary Benefits in Hospitals**

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**PORTLAND, OREGON  
MAY AND JULY 1956**

**Bulletin No. 1210-2**

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**UNITED STATES DEPARTMENT OF LABOR**  
**James P. Mitchell, Secretary**

*In cooperation with*  
**THE WOMEN'S BUREAU**  
Alice K. Leopold, Director

**BUREAU OF LABOR STATISTICS**  
Ewan Clague, Commissioner



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## Preface

This report on a survey of earnings and related benefits of nurses and other employees of Portland hospitals is one of a series of similar studies in selected communities undertaken by the U. S. Department of Labor's Bureau of Labor Statistics and Women's Bureau during the fiscal years 1956 and 1957. A summary of the results of the Portland survey was issued in October 1956; this report provides more detailed information, both on wages and wage practices.

The surveys were designed to meet a variety of governmental and nongovernmental uses by providing area-wide information on the level and distribution of earnings and on the nature of supplementary benefits received by personnel in occupations selected to represent the pattern of employment in hospitals. In the planning of the surveys, the Department of Labor received suggestions and guidance from other government agencies, hospitals associations, and organizations representing professional and nonprofessional groups of hospital employees.

The surveys were made by field representatives of the Bureau of Labor Statistics' Division of Wages and Industrial Relations. Direction of the survey was under the supervision of Lily Mary David, who also prepared this report, with the assistance of Jack A. Wilson.

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## Earnings and Supplementary Benefits in Hospitals in Portland, Oreg., May and July 1956

### Summary

Hospitals in the Portland metropolitan area employed a total of more than 6,500 employees in mid-1956 at the time of this survey. Of these, about 3 out of 5 were employed in private (nongovernmental) hospitals with the remainder divided rather evenly between Federal and other government institutions. Four broad groups of hospital employees were included in the survey—registered professional nurses; workers in certain other professional and technical positions; office clerical employees; and various nonprofessional employees engaged in auxiliary nursing, maintenance, custodial, and food preparation activities. Professional nurses and other professional and technical positions together accounted for about a third of all workers in the hospitals studied. Office clerical employment made up about one-tenth of the hospital work force, and more than half of all employees were in other nonprofessional positions. The range of earnings within each occupation was often substantial. Typically, the level of earnings was higher in public than in private hospitals.

**Earnings and Perquisites.**—The basic data for the survey were collected as of a May 1956 payroll period. At the beginning of July, a majority of the area's hospitals put into effect salary increases for nurses and a number increased pay for other workers as well. Consequently, average weekly earnings are presented in tables A-1, A-2, and A-3 for July as well as for May (July earnings were estimated on the basis of the general salary increases). In a majority of the professional jobs, weekly earnings in July 1956 were about \$1.50 to \$2.50 higher than in May 1956 when the basic data on salaries and working conditions were collected, while average weekly pay in most of the nonprofessional jobs advanced by about 50 cents to \$2.

The average pay of professional nurses in government and private hospitals in the Portland, Oreg., metropolitan area in July 1956 ranged from \$70.50 a week for general duty nurses to \$110 for directors of nursing. The corresponding averages for private hospitals considered separately were \$67.50 and \$104, respectively. Average earnings of women dietitians, medical record librarians, and physical therapists fell within the narrow range of \$79 to \$80 (\$77.50 to \$79 in private hospitals).

For the office clerical occupations studied, weekly salaries of women in July 1956 ranged from an average of \$54 for switchboard operators (\$52 in nongovernmental hospitals) to \$69.50 for payroll clerks. In private hospitals, the highest average earnings for the office jobs studied were \$66, paid to technical stenographers.

Among the selected nonprofessional jobs, skilled maintenance workers (carpenters, electricians, stationary engineers) had average hourly rates ranging from about \$2.10 to \$2.35 an hour (\$84 to \$94 for a 40-hour week). Considering all hospitals as a group, women

practical nurses averaged about \$53 (or \$17.50 a week less than professional general duty nurses); nursing aides earned \$47.50. On an hourly basis, these workers earned about \$1.33 and \$1.19, respectively,

Room and meals in addition to cash salaries and other benefits surveyed generally were not provided by Portland hospitals. A minority of professional nurses, other professional and technical employees, nursing aides, and kitchen helpers received their uniforms and laundry of uniforms.

Five hospitals, all private, had arrangements whereby an employee could rent living quarters or in some cases obtain both room and board for which a payroll deduction was made from his cash salary. These hospitals provided rooms for a total of about 135 employees, most of whom were nonprofessional. The charges for these rooms typically ranged from \$7.50 to \$15 a month.

**Wage Structure.**—Each hospital studied in the Portland area determined pay of professional and technical employees in accordance with a formal rate structure establishing rates of pay according to an established plan rather than by individual determination and the same procedure applied to practically all nonprofessional workers (table B-3). The salary plans in hospitals in the area provided a range of rates for positions such as that of general duty nurse. Although most hospitals had a range of rates for nonprofessional employees,<sup>1</sup> some private hospitals, with approximately one-ninth of all such workers in the area, had a single rate rather than a range of rates for their jobs. Entrance rates paid prior to general wage increases put into effect in July are presented in tables B-1 and B-2.

**Shift and Other Differentials.**—Almost all of the registered professional nurses assigned to evening or night shifts in Portland hospitals received extra pay for these hours in addition to the salaries summarized in table A-1. A substantial majority of the nonprofessional employees working late shifts received no extra pay. The most frequent differential for nurses was \$10 a month or \$2.30 a week. A 10-percent differential for work from 6 p. m. to 6 a. m. was the most frequent for those nonprofessional employees who received extra pay for evening or nightwork (table B-4). Rotation of workers among shifts was not customary in the area.

About half of the Portland hospitals had provisions for granting extra pay to some workers in the delivery and operating room and two paid a higher rate to workers assigned to psychiatric or tubercular

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<sup>1</sup> Data were not collected on the rate structure for office employees.

wards. The extra pay was generally limited to registered nurses, although in one or two instances it was extended to other workers such as practical nurses and orderlies. In one instance, nurses assigned to the nursery and blood bank received extra pay. The extra pay for these assignments typically amounted to \$10 a month, except at 1 hospital which paid its nurses \$20 a month for work in a ward of psychiatric patients with tuberculosis.<sup>2</sup>

**Hours of Work and Overtime Pay.**—For registered nurses and for almost all other professional and technical employees, the salaries were paid for a weekly schedule of 40 hours. A few men in professional and technical jobs were on a 44-hour workweek; thus, the average scheduled workweek for men X-ray technicians and medical technologists in private institutions was 40.5 hours. Among non-professional occupations, all but about 20 percent of the men were also on a 40-hour schedule; the remainder worked a 44-hour week.

In about a third of the Portland hospitals, a few employees, mostly nurses in the operating, delivery room, and emergency room as well as some laboratory workers and X-ray technicians, were required to be on call beyond their regular schedules; and other hospitals had informal on-call arrangements for meeting emergency situations. Extra pay was generally provided for on-call time, but in some cases employees were compensated either by time off or extra pay only if they were actually called to work. The amount of compensation varied among hospitals and in some cases for different types of work within the same hospital.

Provision for compensation for hours worked in excess of the employees' weekly schedule was found in all hospitals. Most nurses and other professional and technical employees received either equal time off or straight-time pay for overtime. A majority of the office clerical and nonprofessional employees received premium pay, most frequently time and a half, for such work; the others generally were given equal time off. Provisions for premium overtime pay were less common in private than in public hospitals (table B-6).

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<sup>2</sup> This pay, unlike extra pay for late shift work and overtime, is included in the earnings data presented in tables A-1, A-2, and A-3.

**Vacations and Holidays.**—At least 6 paid holidays annually were provided for all hospital employees in Portland. Two-fifths of the professional, technical, and office clerical workers and about a third of the registered nurses and nonprofessional employees received 8 or 9 holidays a year. A few were given 10 holidays annually. All those receiving more than 6 days a year were employed in government hospitals. Except for office employees, compensation for work on holidays most frequently took the form of equal time off; most of the hospital employees not affected by this practice received extra straight-time pay (table B-8).

All hospitals provided at least 2 weeks of paid vacation after a year's service and registered nurses in Veterans Administration hospitals received more than 4 weeks' annual leave after this amount of service. In addition, about two-thirds of the registered professional nurses and two-fifths to a half of the other workers received vacations after 6 months of employment (table B-7). There was little provision in private hospitals for increasing the length of vacation after 1 year of service; but after 15 years of service, nurses and other hospital employees employed by the Federal Government received at least 4 weeks' vacation, while most other hospital employees employed by other government institutions were provided 3 weeks' vacation annually.

**Insurance and Pensions.**—A sick-leave policy was found in all hospitals. In private institutions, some plans provided full pay without a waiting period; others established a waiting period before sick leave began or provided for payment of part of the workers' salary during illness. All of the government employees received their full pay without a waiting period.

More than half of the workers in Portland hospitals were eligible for life insurance financed in part by the hospital. About half the employees of private hospitals were covered by hospitalization insurance contributed to by their employer. Fewer formal arrangements existed for medical and surgical benefits than for hospitalization, although, like hospitalization, these plans were all found in private rather than in public institutions.

All private hospitals in the Portland area indicated that their employees were covered by the Federal Old-Age, Survivors' and Disability Insurance System. In May 1956, less than 3 percent of the workers in nongovernmental hospitals were additionally covered by private pension plans to which the hospital contributed. The employees of public hospitals in the area were covered by separate government employees' retirement systems although some were also under social security (table B-9).



# A: Occupational Earnings

## Table A-1: Professional and technical occupations

(Average straight-time weekly hours and earnings for selected occupations in Portland, Oreg., by hospital proprietorship, July and May 1956)

Sex, occupation, and hospital proprietorship	Number of workers	Average		Number of workers receiving straight-time weekly earnings in May 1956 of -																
		Weekly hours 1/	Weekly earnings 1/		Under \$ 60.00	\$ 60.00 and under 65.00	\$ 65.00 - 70.00	\$ 70.00 - 75.00	\$ 75.00 - 80.00	\$ 80.00 - 85.00	\$ 85.00 - 90.00	\$ 90.00 - 95.00	\$ 95.00 - 100.00	\$ 100.00 - 105.00	\$ 105.00 - 110.00	\$ 110.00 - 115.00	\$ 115.00 - 120.00	\$ 120.00 - 125.00	\$ 125.00 and over	
			July 1956	May 1956																
<b>Nursing occupations</b>																				
<u>Women</u>																				
Directors of nursing .....	15	40.0	\$ 110.00	\$ 108.50	-	-	-	1	1	1	-	2	-	-	3	-	-	3	2	
Nongovernmental hospitals .....	10	40.0	104.00	102.00	-	-	1	1	-	-	2	-	-	5	-	-	-	3	-	
Supervisors of nurses .....	65	40.0	89.00	87.00	-	-	2	9	20	7	6	4	4	1	5	2	3	2	-	
Governmental hospitals .....	30	40.0	99.00	98.00	-	-	-	1	4	-	5	4	4	1	5	2	2	2	-	
Nongovernmental hospitals .....	35	40.0	80.50	78.00	-	-	2	8	16	7	1	-	-	-	-	-	1	-	-	
Head nurses .....	263	40.0	77.50	75.50	-	55	38	72	42	16	9	5	9	3	9	1	1	3	-	
Governmental hospitals .....	60	40.0	91.50	91.00	-	-	1	8	11	5	6	3	9	3	9	1	1	3	-	
Nongovernmental hospitals .....	203	40.0	73.50	71.00	-	55	37	64	31	11	3	2	-	-	-	-	-	-	-	
General duty nurses .....	920	40.0	70.50	68.00	-	444	247	76	61	31	25	27	3	3	3	-	-	-	-	
Governmental hospitals .....	240	40.0	78.00	77.50	-	47	37	5	59	31	25	27	3	3	3	-	-	-	-	
Nongovernmental hospitals .....	680	40.0	67.50	65.00	-	397	210	71	2	-	-	-	-	-	-	-	-	-	-	
<b>Other professional and technical occupations</b>																				
<u>Men</u>																				
I-ray technicians 2/ .....	26	40.0	78.00	77.50	-	2	7	2	2	4	7	2	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	12	40.5	72.50	71.50	-	2	5	2	-	3	-	-	-	-	-	-	-	-	-	
Medical technologists 2/ .....	22	40.0	72.50	71.00	-	4	5	7	4	1	1	-	-	-	-	-	-	-	-	
Governmental hospitals .....	11	40.0	72.00	72.00	-	3	1	2	4	-	1	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	11	40.5	72.50	70.00	-	1	4	5	-	1	-	-	-	-	-	-	-	-	-	
<u>Women</u>																				
I-ray technicians 2/ .....	32	40.0	73.50	71.50	1	5	6	10	7	1	-	-	2	-	-	-	-	-	-	
Nongovernmental hospitals .....	24	40.0	74.50	71.50	1	3	5	10	2	1	-	-	2	-	-	-	-	-	-	
Medical technologists 2/ .....	72	40.0	70.50	68.00	-	26	13	27	1	5	-	-	-	-	-	-	-	-	-	
Governmental hospitals .....	18	40.0	67.50	67.50	-	9	5	2	-	2	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	54	40.0	71.50	68.50	-	17	8	25	1	3	-	-	-	-	-	-	-	-	-	
Medical record librarians .....	14	40.0	79.50	78.00	-	3	-	-	4	5	-	1	1	-	-	-	-	-	-	
Nongovernmental hospitals .....	13	40.0	78.50	76.50	-	3	-	-	4	5	-	1	-	-	-	-	-	-	-	
Physical therapists 2/ .....	13	40.0	80.00	79.00	-	-	-	2	8	1	2	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	7	40.0	79.00	76.50	-	-	-	2	4	1	-	-	-	-	-	-	-	-	-	
Dietitians 2/ .....	41	40.0	79.00	77.00	-	1	7	9	13	3	5	2	1	-	-	-	-	-	-	
Governmental hospitals .....	17	40.0	81.00	80.50	-	-	3	2	4	2	3	2	1	-	-	-	-	-	-	
Nongovernmental hospitals .....	24	40.0	77.50	74.50	-	1	4	7	9	1	2	-	-	-	-	-	-	-	-	

1/ Hours reflect the workweek for which workers receive their regular straight-time salaries and the earnings correspond to these weekly hours. Extra pay for work on evening and night shifts is excluded from the earnings information as is the cash value of room, board, or other perquisites provided in addition to cash salaries. July earnings were estimated by adding general salary increases put into effect at that time to earnings reported in May.

2/ Data for this occupation exclude chiefs in hospitals employing more than 1 worker in the occupation.

Table A-2: Office occupations

(Average straight-time weekly hours and earnings for women in selected occupations in Portland, Oreg., by hospital proprietorship, July and May 1956)

Occupation and hospital proprietorship	Number of workers	Average			Number of workers receiving straight-time weekly earnings in May 1956 of -								
		Weekly hours 1/	Weekly earnings 1/		Under \$ 45.00	\$ 45.00 and under 50.00	\$ 50.00	\$ 55.00	\$ 60.00	\$ 65.00	\$ 70.00	\$ 75.00	\$ 80.00 and over
			July 1956	May 1956									
Billers, machine .....	9	40.0	\$ 61.00	\$ 60.50	-	-	3	2	2	1	1	-	-
Nongovernmental hospitals .....	9	40.0	61.00	60.50	-	-	3	2	2	1	1	-	-
Clerks, payroll .....	15	40.0	69.50	69.00	-	-	-	1	5	2	3	3	1
Nongovernmental hospitals .....	10	40.0	64.00	63.50	-	-	-	1	5	2	2	-	-
Stenographers, technical .....	44	40.0	67.50	67.00	-	1	2	3	7	13	12	6	-
Nongovernmental hospitals .....	23	40.0	66.00	65.00	-	1	2	3	4	7	2	4	-
Switchboard operators .....	15	40.0	54.00	53.50	-	6	3	3	3	-	-	-	-
Nongovernmental hospitals .....	10	40.0	52.00	51.50	-	5	1	3	1	-	-	-	-
Switchboard operator-receptionists .....	36	40.0	55.50	55.00	2	12	11	1	3	-	6	1	-
Transcribing-machine operators, technical .....	8	40.0	59.50	58.50	-	-	2	4	1	-	1	-	-

1/ Hours reflect the workweek for which workers receive their regular straight-time salaries and the earnings correspond to these weekly hours. Extra pay for work on evening and night shifts is excluded from the earnings information, as is the cash value of room, board, or other perquisites provided in addition to cash salaries. July earnings were estimated by adding general salary increases put into effect at that time to earnings reported in May.

Table A-3: Other nonprofessional occupations

(Average straight-time weekly hours and earnings or straight-time hourly earnings for selected occupations in Portland, Oreg., by hospital proprietorship, July and May 1956)

Sex, occupation, and hospital proprietorship	Number of workers	Average			Number of workers receiving straight-time weekly earnings in May 1956 of -															
		Weekly hours 1/	Weekly earnings 1/		Under \$ 40.00	\$ 40.00 and under 42.50	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 72.50	\$ 75.00 and over
			July 1956	May 1956																
<b>Men</b>																				
Nursing aides .....	93	41.0	\$ 55.50	\$ 54.00	-	-	-	21	9	8	9	29	3	3	-	9	2	-	-	-
Governmental hospitals .....	50	40.0	59.00	58.50	-	-	-	-	3	2	1	29	3	1	-	9	2	-	-	-
Nongovernmental hospitals .....	43	42.0	51.00	49.00	-	-	-	21	6	6	8	-	-	2	-	-	-	-	-	-
Practical nurses .....	154	40.0	63.50	63.50	-	-	-	10	13	4	4	1	-	8	31	25	18	27	4	9
<b>Women</b>																				
Nursing aides .....	863	40.0	47.50	46.00	6	170	234	199	140	22	15	64	2	1	2	6	2	-	-	-
Governmental hospitals .....	203	40.0	53.00	52.00	-	-	10	39	40	22	15	64	2	1	2	6	2	-	-	-
Nongovernmental hospitals .....	660	40.0	45.50	44.00	6	170	224	160	100	-	-	-	-	-	-	-	-	-	-	-
Practical nurses .....	431	40.0	53.00	51.50	-	-	28	95	130	74	6	13	4	16	19	15	9	19	3	-
Governmental hospitals .....	94	40.0	63.50	63.00	-	-	-	1	7	2	4	7	1	11	17	15	9	19	1	-
Nongovernmental hospitals .....	337	40.0	50.00	48.50	-	-	28	94	123	72	2	6	3	5	2	-	-	-	2	-
Housekeepers, chief .....	15	40.0	70.50	70.50	-	-	-	-	-	-	-	-	3	2	-	2	1	-	1	5
Nongovernmental hospitals .....	10	40.0	64.00	64.00	-	-	-	-	-	-	-	2	2	-	2	1	-	1	1	1

See footnote at end of table.

Earnings and Supplementary Benefits in Hospitals, Portland, Oreg., July and May 1956  
U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics

Table A-3: Other nonprofessional occupations - Continued

(Average straight-time weekly hours and earnings or average hourly earnings for selected occupations in Portland, Oreg., by hospital proprietorship, July and May 1956)

Sex, occupation, and hospital proprietorship	Number of workers	Average hourly earnings <sup>1/</sup>		Number of workers receiving straight-time hourly earnings in May 1956 of -																							
		July 1956	May 1956	\$ 0.95 and under 1.00	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.00	\$ 2.10	\$ 2.20	\$ 2.30 and over			
<b>Men</b>																											
Carpenters, maintenance .....	10	2.11	2.09	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	1	1	1	3			
Dishwashers, machine .....	13	1.23	1.20	-	-	-	3	6	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	8	1.25	1.19	-	-	-	2	5	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Electricians, maintenance .....	7	2.34	2.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1			
Engineers, stationary .....	57	2.25	2.16	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	5	-	1	16	29	4			
Governmental hospitals .....	23	2.23	2.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	11	5	3			
Nongovernmental hospitals .....	34	2.27	2.17	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	5	24	1			
Kitchen helpers .....	45	1.26	1.21	-	-	1	9	19	8	2	3	2	-	-	-	-	2	2	1	-	-	-	-	-	-	-	
Laundry-extractor operators .....	13	1.50	1.46	-	-	-	-	-	-	2	2	-	3	-	2	2	2	2	-	-	-	-	-	-	-	-	
Governmental hospitals .....	6	1.54	1.50	-	-	-	-	-	-	1	1	-	1	-	1	2	1	2	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	7	1.46	1.42	-	-	-	-	-	-	1	1	-	2	-	2	1	-	-	-	-	-	-	-	-	-	-	
Porters .....	132	1.41	1.41	-	-	2	7	8	11	6	26	9	3	3	17	25	10	5	-	-	-	-	-	-	-	-	
Governmental hospitals .....	65	1.56	1.56	-	-	-	1	-	-	4	1	-	2	17	25	10	5	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	67	1.27	1.27	-	-	2	6	8	11	6	22	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Washers, machine .....	16	1.55	1.52	-	-	-	-	-	-	1	1	1	3	3	1	1	3	1	1	-	-	-	-	-	-	-	
Nongovernmental .....	11	1.53	1.49	-	-	-	-	-	-	1	1	-	2	3	-	1	3	-	-	-	-	-	-	-	-	-	
<b>Women</b>																											
Dishwashers, machine .....	53	1.09	1.07	14	13	7	10	6	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
Governmental hospitals .....	7	1.16	1.16	-	-	3	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	46	1.08	1.06	14	13	4	8	6	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
Kitchen helpers .....	217	1.17	1.13	4	26	38	55	59	23	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Governmental hospitals .....	47	1.19	1.19	4	1	1	2	11	16	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	170	1.16	1.12	-	25	37	53	48	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Laundry finishers, flatwork, machine .....	99	1.19	1.16	8	4	4	46	19	2	-	2	1	11	2	-	-	-	-	-	-	-	-	-	-	-	-	
Governmental hospitals .....	29	1.27	1.27	4	-	-	4	3	2	-	2	1	11	2	-	-	-	-	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	70	1.16	1.11	4	4	4	42	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maids .....	227	1.15	1.15	20	19	44	49	64	18	-	-	-	-	-	4	5	2	2	-	-	-	-	-	-	-	-	
Governmental hospitals .....	32	1.34	1.34	-	-	3	5	4	7	-	-	-	-	-	4	5	2	2	-	-	-	-	-	-	-	-	
Nongovernmental hospitals .....	195	1.11	1.11	20	19	41	44	60	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1/</sup> Hours reflect the workweek for which workers receive their regular straight-time salaries and the earnings correspond to these weekly hours. Extra pay for work on evening and night shifts is excluded from the earnings information, as is the cash value of room, board, or other perquisites provided in addition to cash salaries. July earnings were estimated by adding general wage and salary increases put into effect at that time to earnings reported in May.

<sup>2/</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts as well as the cash value of room, board, or other perquisites provided in addition to cash salaries.

## B: Establishment Practices and Supplementary Benefits

### Table B-1: Minimum weekly salaries paid general duty nurses and staff dietitians

Minimum weekly salary	Number of hospitals with established minimum weekly salaries for general duty nurses in -						Number of hospitals with established minimum weekly salaries for staff dietitians in -					
	All hospitals		Governmental hospitals		Nongovernmental hospitals		All hospitals		Governmental hospitals		Nongovernmental hospitals	
	Based on standard weekly hours of -						Based on standard weekly hours of -					
	All schedules	40 hours	All schedules	40 hours	All schedules	40 hours	All schedules	40 hours	All schedules	40 hours	All schedules	40 hours
All hospitals .....	20	19	5	5	15	14	20	19	5	5	15	14
Hospitals having an established minimum .....	20	19	5	5	15	14	8	7	4	4	4	3
\$60.00 and under \$62.50 .....	18	17	3	3	15	14	-	-	-	-	-	-
\$67.50 and under \$70.00 .....	-	-	-	-	-	-	6	5	2	2	4	3
\$70.00 and under \$72.50 .....	-	-	-	-	-	-	2	2	2	2	-	-
\$75.00 and under \$77.50 .....	2	2	2	2	-	-	-	-	-	-	-	-
Hospitals having no established minimum .....	-	-	-	-	-	-	5	5	-	-	5	5
Hospitals that did not employ workers in this category .....	-	-	-	-	-	-	7	7	1	1	6	6

### Table B-2: Minimum entrance rates for nonprofessional workers (except office clerical)

Minimum hourly rate	Number of hospitals with established minimum rates for -					
	Men			Women		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All hospitals .....	20	5	15	20	5	15
Hospitals having an established minimum .....	17	5	12	19	5	14
\$0.95 and under \$1.00 .....	1	1	-	3	1	2
\$1.00 and under \$1.05 .....	-	-	-	9	1	8
\$1.05 and under \$1.10 .....	5	1	4	5	1	4
\$1.10 and under \$1.15 .....	4	1	3	-	-	-
\$1.15 and under \$1.20 .....	2	-	-	2	2	-
\$1.20 and under \$1.25 .....	2	2	2	-	-	-
\$1.25 and under \$1.30 .....	1	-	1	-	-	-
\$1.35 and under \$1.40 .....	2	-	2	-	-	-
Hospitals having no established minimum .....	3	-	3	1	-	1

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Table B-3: Wage structure characteristics

Wage structure	Percent of -					
	Professional and technical workers <sup>1/</sup> in -			Nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All workers .....	100	100	100	100	100	100
Formal rate structure .....	100	100	100	99	100	99
Single rate .....	-	-	-	11	-	17
Range of rates .....	100	100	100	88	100	82
Individual determination .....	-	-	*	*	-	*

<sup>1/</sup> Includes registered professional nurses.  
\* Less than 2.5 percent.

Table B-4: Shift differential provisions

Type of worker and shift differential	Percent of workers on late shifts in -					
	All hospitals		Governmental hospitals		Nongovernmental hospitals	
	Second shift	Third or other shift	Second shift	Third or other shift	Second shift	Third or other shift
All registered professional nurses employed on the shift .....	100.0	100.0	100.0	100.0	100.0	100.0
With shift pay differential .....	98.1	97.7	96.4	93.4	99.0	100.0
Uniform amount per week .....	83.4	80.2	55.0	42.1	99.0	100.0
Under \$2.50 .....	83.4	80.2	55.0	42.1	99.0	100.0
Uniform percentage .....	14.7	17.6	41.4	51.3	-	-
10 percent between 6 p. m. and 6 a. m. ....	14.7	17.6	41.4	51.3	-	-
No shift pay differential .....	1.9	2.3	3.6	6.6	1.0	-
All nonprofessional workers (except office clerical) employed on the shift .....	100.0	100.0	100.0	100.0	100.0	100.0
With shift pay differential .....	25.2	33.7	58.7	71.9	11.8	14.0
Uniform amount per week .....	11.2	13.5	9.8	12.5	11.8	14.0
Under \$2.50 .....	11.2	13.5	9.8	12.5	11.8	14.0
Uniform percentage .....	14.0	20.2	49.0	59.4	-	-
10 percent between 6 p. m. and 6 a. m. ....	14.0	20.2	49.0	59.4	-	-
No shift pay differential .....	74.8	66.3	41.3	28.1	88.2	86.0

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Table B-5: Scheduled weekly hours

Workers in all hospitals were scheduled to work a 40-hour week, with the following exceptions: Men professional workers in 1 nongovernmental hospital and men nonprofessional workers in 5 nongovernmental hospitals (employing 22 percent of all men nonprofessional workers) who were on a 44-hour week.

Table B-6: Weekly overtime pay practices

Weekly overtime policy	Percent of -											
	Registered professional nurses in -			Other professional and technical workers in -			Office clerical workers in -			Other nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100
Workers in hospitals providing overtime pay .....	100	100	100	100	100	100	100	100	100	100	100	100
Straight time .....	28	-	40	25	-	42	14	-	25	-	-	-
Time and one-half after 40 hours ...	9	14	7	29	58	8	40	64	21	44	56	38
Double time .....	-	-	-	-	-	-	-	-	-	-	-	-
Equal time off .....	46	55	41	32	22	39	25	*	42	34	6	49
Other .....	18	31	12	15	21	11	21	34	11	21	38	13

\* Less than 2.5 percent.

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Table B-7 Paid vacations

Vacation policy	Percent of -											
	Registered professional nurses in -			Other professional and technical workers in -			Office clerical workers in -			Other nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100
<b>Amount of vacation pay</b>												
<u>After 6 months of service</u>												
Working in hospitals providing paid vacations .....	67	55	73	51	62	43	49	66	37	44	62	34
Under 1 week .....	13	-	19	15	-	25	12	-	20	10	-	16
1 week .....	38	5	54	11	*	18	10	*	16	14	6	18
Over 1 and under 2 weeks .....	-	-	-	25	61	-	27	64	-	19	56	-
Over 2 and under 3 weeks .....	16	50	-	-	-	-	-	-	-	-	-	-
Workers in hospitals providing no paid vacations .....	33	45	27	49	38	57	51	34	63	56	38	66
<u>After 1 year of service</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	84	50	100	75	39	100	73	36	100	81	44	100
Over 2 and under 3 weeks .....	-	-	-	25	61	-	27	64	-	19	56	-
4 weeks and over .....	16	50	-	-	-	-	-	-	-	-	-	-
<u>After 2 years of service</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	84	50	100	75	39	100	73	36	100	81	44	100
Over 2 and under 3 weeks .....	-	-	-	25	61	-	27	64	-	19	56	-
4 weeks and over .....	16	50	-	-	-	-	-	-	-	-	-	-
<u>After 3 years of service</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	83	50	99	75	39	99	73	36	100	81	44	100
3 weeks .....	*	-	*	*	-	*	-	-	-	-	-	-
4 weeks and over .....	16	50	-	25	61	-	27	64	-	19	56	-
<u>After 5 years of service</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	74	18	99	66	19	99	61	8	100	76	29	100
Over 2 and under 3 weeks .....	10	31	-	9	21	-	12	27	-	5	16	-
4 weeks and over .....	17	50	*	25	61	*	27	64	-	19	56	-

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Table B-7: Paid vacations - Continued

Vacation policy	Percent of -											
	Registered professional nurses in -			Other professional and technical workers in -			Office clerical workers in -			Other nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
<b>Amount of vacation pay - Continued</b>												
<u>After 10 years of service</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	74	18	99	66	19	99	61	8	100	76	29	100
3 weeks .....	10	31	-	9	21	-	12	27	-	5	16	-
4 weeks and over .....	17	50	*	25	61	*	27	64	-	19	56	-
<u>After 15 years of service 1/</u>												
Workers in hospitals providing paid vacations .....	100	100	100	100	100	100	100	100	100	100	100	100
2 weeks .....	69	5	99	59	*	99	58	*	100	68	6	100
3 weeks .....	14	45	-	15	38	-	14	34	-	13	38	-
4 and over .....	17	50	*	25	61	*	27	64	-	19	56	-

1/ No change in length of vacation with longer periods of service.  
\* Less than 2.5 percent.

Table B-8: Paid holidays

Item	Percent of -											
	Registered professional nurses in -			Other professional and technical workers in -			Office clerical workers in -			Other nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100
Workers in hospitals providing paid holidays .....	100	100	100	100	100	100	100	100	100	100	100	100
6 holidays .....	69	-	100	59	-	100	57	-	100	66	-	100
8 holidays .....	16	50	-	25	61	-	27	64	-	19	56	-
9 holidays .....	14	45	-	15	38	-	14	34	-	13	38	-
10 holidays .....	*	5	-	*	*	-	*	*	-	*	6	-
Workers in hospitals with formal provisions regarding pay for work on paid holidays .....	100	100	100	100	100	100	100	100	100	100	100	100
Straight-time .....	-	-	-	-	-	-	14	-	25	-	-	-
Time and one-half total .....	-	-	-	-	-	-	-	-	-	3	-	4
Double time total (regular pay plus straight-time) .....	27	-	39	15	-	26	42	64	25	40	56	32
Equal time off .....	63	69	61	76	79	74	32	8	50	52	29	64
Compensatory time and one-half off .....	10	31	-	9	21	-	12	27	-	5	16	-

\* Less than 2.5 percent.

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Table B-9: Sick leave, insurance, and pension plans

Type of plan	Percent of -											
	Registered professional nurses in -			Other professional and technical workers in -			Office clerical workers in -			Other nonprofessional workers in -		
	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals	All hospitals	Governmental hospitals	Nongovernmental hospitals
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100
Workers in hospitals providing:												
Life insurance .....	50	50	49	60	61	59	64	64	64	47	56	43
Accidental death and dismemberment insurance .....	7	-	10	11	-	18	17	-	29	8	-	12
Sickness and accident insurance or sick leave or both .....	100	100	100	100	100	100	100	100	100	100	100	100
Sick leave (full pay, no waiting period) .....	58	100	39	72	100	53	66	100	41	50	100	24
Sick leave (partial pay or waiting period) .....	42	-	61	28	-	47	34	-	59	50	-	76
Hospitalization insurance .....	35	-	51	31	-	52	27	-	46	28	-	43
Hospitalization at reduced cost .....	27	-	39	25	-	43	19	-	34	28	-	43
Surgical insurance .....	21	-	31	21	-	36	18	-	32	19	-	29
Surgical benefits at reduced cost .....	3	-	5	3	-	5	*	-	4	5	-	8
Medical insurance .....	21	-	31	21	-	36	18	-	32	19	-	29
Retirement pension or social security or both .....	100	100	100	100	100	100	100	100	100	100	100	100
Retirement pension (other than social security) .....	32	100	*	42	100	*	43	100	*	36	100	*
Social security .....	74	18	100	67	19	100	61	8	100	76	29	100

\* Less than 2.5 percent.

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## Appendix A: Scope and Method of Survey

The Portland, Oreg., area<sup>1</sup> is one of 16 major metropolitan areas in which the U. S. Department of Labor's Bureau of Labor Statistics, in cooperation with the Women's Bureau, has conducted surveys of salaries and working conditions of hospital personnel. Data were obtained by personal visits of Bureau of Labor Statistics field staff to representative hospitals, selected on the basis of size, type of service (e.g., general, mental and allied, tuberculosis), and proprietorship (Federal, State, or local government, or nongovernmental organization). Hospitals having fewer than 51 employees were omitted, since they employ relatively few workers in the occupations studied.

A summary of the number of hospitals studied and their size is presented in the table below.

To improve the reliability of the data, a greater proportion of large than of small hospitals was studied. In combining the data, however, all hospitals were given their appropriate weight. The estimates thus relate to all hospitals of 51 or more employees rather than to those actually visited.

### Occupations and Earnings

The occupations selected for study are common to most hospitals within the scope of the survey, regardless of their size or type of service. Occupational classification was based on a uniform set of job descriptions designed to take account of the fact duties within the same occupation may vary somewhat among hospitals. (These descriptions are presented in appendix B.)

<sup>1</sup> For purposes of this survey, the Portland area includes Clackamas, Multnomah, and Washington Counties, Oreg., and Clark County, Wash. (in which Vancouver is located).

Earnings data are presented for occupations within the following groups:

1. Registered professional nurses.
2. Other professional and technical employees. (This term includes employees in occupations such as X-ray technicians, medical technologists, dietitians, physical therapists, medical librarians, medical record librarians, medical social workers, and occupational therapists.)
3. Office clerical employees. (This group includes employees performing work throughout the hospital in such places as the business office and the medical record library.)
4. Other nonprofessional employees (including practical nurses, nursing aides, orderlies, maids, kitchen help, unskilled laboratory help, maintenance, laundry, and similar workers).

Data are shown for full-time employees; i.e., those hired to work the regular schedule for the given occupational classification. Students were not considered as employees. All occupational information excludes not only part-time employees but members of religious orders and members of the Armed Forces.

Earnings data exclude premium pay for overtime, for work on holidays and late shifts, and for time on call, as well as the cash value of room, board, and any other perquisites provided in addition to cash salaries. The earnings, however, include any cost-of-living bonuses as well as extra pay for work performed in certain units such as TB, psychiatric, or communicable disease wards, operating or delivery rooms.

Number of hospitals and workers within scope of survey (limited to hospitals with 51 or more workers)

Type of hospital proprietorship	Number of hospitals		Workers in hospitals				
	Within scope of study	Studied	Within scope of study				Studied
			Total workers <sup>1</sup>	Professional and technical workers (includes R. N.'s)	Office clerical workers	Other non-professional workers	Total
All hospitals -----	20	17	6,700	2,230	680	3,490	6,190
Federal Government -----	2	2	1,390	430	190	660	1,390
Other governmental agency -----	3	3	1,110	350	100	530	1,110
Nongovernmental -----	15	12	4,200	1,450	390	2,300	3,690

<sup>1</sup> Includes some workers (for example, those in administrative positions) not included in the occupational groups shown separately.

Average weekly earnings data refer to employees' straight-time salaries for their regular workweek (rounded to the nearest half dollar). Average weekly hours, where presented, have been rounded to the nearest half hour and refer to the workweek for which employees receive these salaries.

Occupational employment estimates represent the total in all hospitals within the scope of the study and not the number actually surveyed. Because of differences in occupational structure among hospitals, the estimates of occupational employment obtained from the sample of hospitals studied serve only to indicate the relative importance of the jobs studied.

#### Hospital Practices and Supplementary Benefits

Information was obtained on selected hospital practices and supplementary benefits as these relate to registered professional nurses, other professional and technical workers, office clerical, and other nonprofessional employees. (All of the information on supplementary benefits excludes members of religious orders and of the Armed Forces as well as part-time employees.) To a considerable extent, differences among these groups in the proportions receiving various benefits reflect variations in the extent to which these groups are employed in various hospitals rather than differences in practice within the same hospital.

Scheduled hours; overtime pay practices; paid holidays; rates of pay for work on holidays; paid vacations; and health, insurance, and pension plans are treated statistically on the assumption that such benefits apply to all those employed within the occupational group in a given hospital if a majority of such employees are eligible for or may eventually qualify for the practice. Because of rounding, sums of individual items in these tabulations do not necessarily equal totals.

The length of vacation shown after 6 months of service refers to the total amount of vacation workers can take after this amount of service, not to their annual rate of vacation; however, vacation provisions shown for workers with 1 or more years of service refer to their annual rate. For example, Veterans Administration nurses receive 2<sup>1</sup>/<sub>2</sub> calendar days of vacation per month and at the end of

6 months would have earned 15 days of vacation. Hence, they are shown as being eligible for 2 but less than 3 weeks of paid vacation after 6 months of service even though they accumulate vacation credits at the same rate after this amount of service as after a year or more of employment.

The summary of insurance and pension plans includes not only formal arrangements that are underwritten by an insurance company or pooled fund and for which the hospital pays at least part of the cost but also formal hospital policies providing for benefits to be paid out of current operating income. Death benefits are included as a form of life insurance. Medical insurance refers to plans providing for complete or partial payment of doctors' fees.

Tabulations of pension plans are limited to those plans that provide monthly payments for the remainder of the retired worker's life. Data on the extent to which hospital employees are covered by Old-Age, Survivors' and Disability Insurance (social security) are presented, since most hospitals are not automatically covered by the Federal Social Security System.

Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured on a weekly or monthly basis during illness or accident disability. Paid sick-leave plans which provide full pay or a portion of the employee's pay during absence from work because of illness are included in the survey of paid sick leave. In addition to the proportion of workers who are provided sickness and accident insurance or paid sick leave, the table showing such benefits presents an unduplicated total of employees who receive either or both types of benefits.

The value of any perquisites received by hospital employees has not been added to the earnings data. Separate information is shown, however, on the extent to which hospital employees receive room, board, and other perquisites in addition to their cash salaries. Limited information is also included on arrangements whereby employees purchase meals or rent a room from the hospital through payroll deductions.

## Appendix B: Job Descriptions

The primary purpose of preparing job descriptions for the Bureau's wage surveys is to assist its field staff in classifying into appropriate occupations workers who are employed under a variety of payroll titles and different work arrangements from hospital to hospital and from area to area. This is essential in order to permit the grouping of occupational wage rates representing comparable job content. Because of this emphasis on interhospital and interarea comparability of occupational content, the Bureau's job descriptions may differ significantly from those used in individual hospitals or those prepared for other purposes. In applying these job descriptions, the Bureau's field representatives were instructed to exclude students, members of religious orders, and of the Armed Forces, and part-time workers. Supervisors of other workers in the same occupation were omitted except where the job descriptions provide contrary instructions.

### Professional and Technical - Nursing

#### DIRECTOR OF NURSING

A registered professional nurse who directs and supervises all nursing services concerned with care of patients in the hospital. Plans the nursing services needed to achieve the objective of the hospital. Is responsible for maintaining such nursing service in accordance with accepted standards. Analyzes and evaluates nursing and related services to improve quality of patient care and to plan better utilization of staff time and abilities. Plans and directs the orientation and in-service educational program for nursing personnel. Interprets hospital personnel policies. Administers the budget for the nursing department and may assist in its preparation. May participate in community health education programs. May be responsible for the administration of a school of nursing if such a school is operated by the hospital. May delegate any of these responsibilities to an assistant. May assume the functions of a supervisor in a small hospital. May select and recommend appointment of nursing personnel. Nurses whose primary responsibility is administration of the hospital and assistant directors who may be delegated the responsibility for either nursing service or the school of nursing are excluded.

#### SUPERVISOR OF NURSES

A registered professional nurse who directs and supervises the nursing service in one or more organized nursing units: Evaluates the nursing service in her unit or units and relates these activities to other hospital departments and to the total nursing service. Interprets responsibilities and hospital policy to nursing personnel. Assists in the evaluation of nursing personnel. Participates in the orientation and in-service education programs for nursing personnel. May direct

#### SUPERVISOR OF NURSES - Continued

the procurement of supplies and equipment for her unit or units. May spend part of time instructing student nurses or auxiliary nursing personnel or planning instruction for these groups. May perform the functions of the head nurse when there is no head nurse. May be in charge of more than one medical, surgical, psychiatric, or other unit, or more than one operating room, or may be in charge of a combination of these units such as a medical ward and a surgical ward. Evening or night supervisors, nurses who spend more than half their time in instruction in the classroom or on the organized nursing unit, nurses assigned to central supply more than half time, and assistant directors who are responsible for certain types of functions (e.g., personnel, budget, nursing education, nursing service) as distinguished from certain services (e.g., surgical, medical, etc.) and who perform functions of director as delegated by her (such as coordinating nursing service with that of other services) are excluded.

#### HEAD NURSE

A registered professional nurse who is responsible for the nursing service and patient care on one organized nursing unit: Assigns patient care duties to (professional and nonprofessional) nursing personnel and supervises and evaluates work performance. Periodically visits patients to insure optimal care and to ascertain need for additional or modified services. Supervises the execution of doctors' orders and related treatments and the maintenance of nursing records. Assists in the orientation of new personnel to the unit. Insures the availability of supplies and equipment. Identifies nursing service problems and assists in their solution. May give direct nursing care in

HEAD NURSE - Continued

selected situations (i. e., performs duties of general duty nurse). May assist in the in-service education and guidance of nursing personnel. May spend part of time supervising or instructing student nurses. May be responsible for ward 24 hours a day in the sense evening and night nurses report to her and she is responsible for assigning duties on other shifts. Nurses who spend more than half their time in the central supply unit or in instruction in the classroom or on an organized nursing unit, and those who are given the title of assistant head nurse who receive extra pay as assistant supervisor are excluded.

GENERAL DUTY NURSE

A registered professional nurse who gives nursing care to patients within an organized nursing unit: Utilizes special skill, knowledge, and judgment in observing and reporting symptoms and condition of patient. Administers highly specialized therapy with complicated equipment. Gives medication and notes reactions. Maintains records on patient's condition, medication, and treatment. Assists the physician with treatment. May set up equipment, prepare the patient, etc. May supervise professional and other nursing personnel who are working as members of a nursing team in caring for a group of patients. May spend part time instructing, supervising, or assigning duties to student nurses, practical nurses, and nursing aides. May instruct patients and family. May assume some or all of the functions of the head nurse in her absence. May bathe and feed acutely ill patients. May take and record temperatures, respiration, and pulse. Nurse anesthetists, those who are given extra compensation as assistant

Professional and Technical - OtherDIETITIAN

A worker who organizes, administers, and directs one or more phases of the hospital food service program and applies the principles of nutrition to the feeding of individuals and groups. Does at least one of the following: (a) Plans menus, (b) plans modifications of the normal diet for persons needing special diet treatment, or (c) instructs patients and/or hospital personnel in principles of nutrition and in modifications of the normal diet. In addition, usually performs several or all of the following duties: Purchasing or requesting food, equipment, and supplies; supervising food preparation; supervising the serving of food to patients and hospital personnel; selecting, training, and supervising nonprofessional personnel; maintaining food cost controls; inspecting work areas and storage facilities for sanitation and safety. Normally, dietitians will have a college degree with a major in foods, nutrition, or institutional management plus a dietetic internship. Food service supervisors who are concerned with

GENERAL DUTY NURSE - Continued

head nurses, specialized intravenous nurses, those who spend more than half their time in the central supply department or in instruction in the classroom or on the organized nursing unit are excluded.

NURSING INSTRUCTOR<sup>1</sup>

A registered professional nurse who instructs student, professional, or practical nurses in theory and practical aspects of nursing art and science: Assists in planning and preparing curriculum and outline for course. Lectures to students and demonstrates accepted methods of nursing service, such as carrying out medical and surgical treatments, observing and recording symptoms, and applying principles of asepsis and antisepsis. Collaborates with nursing supervisors to supplement classroom training with practical experience in various departments. Renders individual training assistance wherever needed, and observes performance of students in actual nursing situations. May prepare, administer, and grade examinations to determine student progress and achievement. May make recommendations relative to improved teaching and nursing techniques. May assist in carrying out hospital in-service training program by initiating new procedures and practices and training graduate nurses in their application. May conduct refresher training courses for graduate nurses in theory and practice of general nursing care or clinical specialties. May train auxiliary workers in administration of nonprofessional aspects of nursing care. May teach practical nursing techniques to classes of lay persons. Nurses who spend less than half of their time on such duties are excluded.

DIETITIAN - Continued

the day-to-day operations of preparing and serving meals but who do not apply the principles of nutrition to meal planning (other than to modify diets according to established patterns) and, in hospitals that have staff dietitians, chief and assistant chief dietitians are excluded.

MEDICAL RECORD LIBRARIAN

A worker who is responsible for the activities of the department in which the medical records maintained on hospital or clinic patients are filed. These duties include several or all of the following: Reviewing patients' records for completeness and accuracy according

<sup>1</sup> This occupation was not studied in Portland, Oreg.

MEDICAL RECORD LIBRARIAN - Continued

to standards established by the accrediting agencies of hospitals; coding or verifying coding of diseases, operations, and special therapy according to recognized nomenclature and classification systems; indexing diseases, operations, and other special study material; preparing or supervising preparation of periodic statistical reports such as on morbidity, births, and deaths, utilization of facilities; assisting the medical staff in research involving medical records; abstracting case histories for special reports; selecting and tabulating information from patients' records for specific purposes of the hospital or clinic and the community; answering inquiries for information recorded in patients' records in accordance with prescribed hospital policies; filing or supervising filing of records; participating in staff meetings representing a professional service; taking medical or surgical dictation. Selects and trains any other employees in the department and assigns their duties. In addition, this worker may prepare the budget for the department and may serve as the hospital medical librarian. May direct program for training medical record library students. Medical record librarians in hospitals below the level of chief are excluded unless they are registered by the American Association of Medical Record Librarians.

MEDICAL SOCIAL WORKER

A person who provides direct service to patients by helping them resolve personal and environmental difficulties that interfere with obtaining maximum benefits from medical care or that predispose toward illness. Performs a variety of services such as counseling on social problems and arranging for posthospital care at home or in institutions, for placement of children in foster homes or adults in nursing homes, and for financial assistance during illness; utilizes resources such as family and community agencies to assist patient to resume life in community or to learn to live within disability. Prepares and keeps current a social case record. Provides attending physician and others with pertinent information to add to understanding of patient. May supervise social work students and beginning case workers. Social workers assigned primarily to psychiatric wards and clinics; workers engaged primarily in financial screening of patients and rate setting; those workers classified as case aides; and in hospitals where more than one social worker is employed, the head of the social service department and other supervisors of medical social workers unless they spend at least 80 percent of their time in direct service to patients (including related clerical and other duties) are excluded.

MEDICAL TECHNOLOGIST

A worker who performs various chemical, microscopic, and/or bacteriologic tests to obtain data used in diagnosis and treatment of patients. Applies techniques used in fields of bacteriology or mycology, parasitology, histopathology, hematology, serology, allergy, and/or chemical, radioactive, or morphological examinations. Is responsible for carrying procedures to completion (and a numerical answer). Records laboratory test results (but does not prepare diagnostic reports). May prepare tissues for microscopic pathological

MEDICAL TECHNOLOGIST - Continued

study. May, under supervision of a pathologist, engage in research and teaching activities. May supervise laboratory assistants, or where no laboratory assistants are employed, perform their duties. May also perform some duties of X-ray technicians, take electrocardiograms and determine basal metabolic rate. In large hospitals and those engaged in research, medical technologists may be responsible for testing and examination in only one of several fields of clinical pathology. In small hospitals, they may perform clinical tests in any one or a combination of these fields. Performs duties normally requiring 12 months' training in an approved school for medical technologists following at least 2 years of college. May be registered by registering agency. Chief technologists where more than one medical technologist is employed; tissue technicians who merely do routine preparation of tissue for study; those who perform only routine (qualitative rather than quantitative) tests such as urinalysis for PH factor or sugar by noting color change, testing hemoglobin by color, doing rough screening, or who perform only a limited range of tests within one field; and workers holding specialist certificates from the Registry of the American Society of Clinical Pathologists are excluded.

PHYSICAL THERAPIST

A person who treats disabilities, injuries, and diseases through the use of massage, exercise, and effective properties of air, water, heat, cold radiant energy, and electricity, according to prescription of a physician. May instruct students, interns, and nurses in methods and objective of physical therapy and may supervise physical therapy aides. May consult with other therapists to coordinate therapeutic programs for individual patients. Normally requires training in approved school of physical therapy. In hospitals with more than one physical therapist, the chief therapist and those who spend over 20 percent of their time supervising other physical therapists are excluded.

X-RAY TECHNICIAN

Takes X-ray photographs of various portions of body to assist physician in detection of foreign bodies and diagnoses of diseases and injuries, and/or assists in treating diseased or affected areas under supervision of radiologist. Prepares patient for roentgenographic examination, fluoroscopy or therapy requested by the physician, performing such duties as positioning patient, and administering chemical mixtures to increase opaqueness of organs. Sets up and operates stationary and mobile X-ray equipment. Develops exposed film or supervises its development by darkroom helper. Prepares and maintains records or supervises their preparation by clerical helpers. May maintain equipment in efficient operating condition, including correction of minor faults, and may clean apparatus. May perform duties in other departments, such as physical therapy, basal metabolism, and electrocardiography. May, under radiologist's direction, instruct nurses, interns, and students in X-ray techniques. Data for chief X-ray technicians in hospitals where more than one X-ray technician is employed are presented separately.

OfficeBILLER, MACHINE<sup>2</sup>

A worker who prepares statements, bills, and invoices on a machine other than an ordinary or electromatic typewriter. May also keep records as to billings or shipping charges or perform other clerical work incidental to billing operations.

CLERK, PAYROLL

A worker who computes wages of company employees and enters the necessary data on the payroll sheets. Duties involve: Calculating worker's earnings based on time or production records; posting calculated data on payroll sheet, showing information such as worker's name, working days, time, rate, deductions for insurance, and total wages due. May make out paychecks and assist paymaster in making up and distributing pay envelopes. May use a calculating machine.

STENOGRAPHER, TECHNICAL

A worker whose primary duty is to take dictation from one or more persons, either in shorthand or by stenotype or similar machine, involving a varied technical or specialized vocabulary such as reports on scientific research, and to transcribe this dictation on a typewriter. May also type from written copy. May also set up and keep files in order, keep simple records, etc. Does not include transcribing-machine work.

SWITCHBOARD OPERATOR

A worker who operates a single- or multiple-position telephone switchboard. Duties involve handling incoming, outgoing, and intra-hospital or office calls. May record toll calls and take messages. May give information to persons who call in. For workers who also act as receptionists see switchboard operator-receptionist.

SWITCHBOARD OPERATOR-RECEPTIONIST

A worker who in addition to performing duties of operator, on a single position or monitor-type switchboard, acts as receptionist and may also type or perform routine clerical work as part of regular duties. This typing or clerical work may take the major part of this worker's time while at switchboard.

TRANSCRIBING-MACHINE OPERATOR, TECHNICAL

A worker whose primary duty is to transcribe dictation involving a technical vocabulary from transcribing-machine records. May also type from written copy and do simple clerical work. A worker who takes dictation in shorthand or by stenotype or similar machine is classified as a stenographer.

Other NonprofessionalCARPENTER, MAINTENANCE<sup>2</sup>

A worker who performs the carpentry duties necessary to construct and maintain in good repair building woodwork and equipment such as bins, cribs, counters, benches, partitions, doors, floors, stairs, casings, and trim made of wood in a hospital. Work involves most of the following: Planning and laying out of work from blueprints, drawings, models, or verbal instructions; using a variety of carpenter's handtools, portable power tools, and standard measuring instruments; making standard shop computations relating to dimensions of work; selecting materials necessary for the work. In general, the work of the maintenance carpenter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

DISHWASHER, MACHINE

A worker who operates a dishwashing machine and performs most of the following duties: Cleans dishes, glassware, and silverware by machine. Receives tableware from dining room and/or patients' rooms, or stacks tableware for transporting to dishwasher. Scrapes food from dishes. Transports cleaned and dried ware to proper places. May also clean working area, steam tables, and kitchen equipment, arrange dining tables and chairs, polish fixtures, and perform other duties. May remove garbage from dishwashing area.

ELECTRICIAN, MAINTENANCE

A worker who performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generating, distribution, or utilization of electric energy in a hospital. Work involves most of the following: Installing or repairing

<sup>2</sup> These occupations were studied only in Baltimore, Md., Buffalo, N. Y., Portland, Oreg., and St. Louis, Mo.



ELECTRICIAN, MAINTENANCE - Continued

any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blueprints, drawings, layout, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

ELEVATOR OPERATOR, PASSENGER<sup>3</sup>

A worker who operates a passenger elevator. Supplies information to passengers regarding location of wards and offices. Assists patients in and out of elevator and may push in wheelchairs and carriages to or from elevator. May move freight in and out of elevator. May distribute mail.

ENGINEER, STATIONARY

A worker who operates and maintains and may also supervise the operation of stationary engines and equipment (mechanical or electrical) to supply the hospital in which employed with power, heat, refrigeration, or air conditioning. Work involves: Operating and maintaining equipment such as steam engines, air compressors, generators, motors, turbines, ventilating and refrigerating equipment, steam boilers, and boiler-fed water pumps; making equipment repairs; keeping a record of operation of machinery, temperature, and fuel consumption. May also supervise these operations. Head or chief engineers in hospitals employing more than one engineer are excluded.

EXTRACTOR OPERATOR<sup>4</sup>

A worker who removes surplus moisture from materials (such as wet cloth, clothing, knit goods, and yarn) by operating a centrifugal extractor. Work involves most of the following: Loading material into perforated drum of machine by hand or hoist; closing lid and starting machine, allowing it to run a predetermined time or until fluid stops flowing from drain; removing partly dried materials; hand trucking materials within the department. May assist the washer in loading, operating, or unloading the washing machine.

<sup>3</sup> These occupations were studied only in Baltimore, Md., Buffalo, N. Y., and St. Louis, Mo.

<sup>4</sup> These occupations were studied only in Baltimore, Md., Buffalo, N. Y., Portland, Oreg., and St. Louis, Mo.

FINISHER, FLATWORK, MACHINE

A worker who performs flatwork finishing operations by machine. Work involves one or more of the following: Shaking out the creases in semidry washing to prepare it for the flatwork ironing machine; feeding clean, damp flatwork pieces into the flatwork ironing machine by placing the articles on the feeder rollers; catching or receiving articles as they emerge from the machine and partially folding them.

HOUSEKEEPER, CHIEF

A worker who is charged with the responsibility for housekeeping activities, which include maintenance of clean and sanitary conditions in all areas of the hospital except for engineering and dietetic areas; conduct of studies for better housekeeping products and equipment. In this capacity, the housekeeper formulates and implements procedures for effective utilization of housekeeping personnel, supplies, and equipment; sets standards for cleaning, sanitation, and preservation of floor and wall surfaces; conducts continuing program to improve housekeeping techniques and practices; makes budget estimates; schedules activities and makes inspection to determine whether established standards of sanitation and cleanliness are being met. Supervises housekeeping personnel, including conduct of in-service training, interviewing and final selection of personnel, recommending promotions and discharge of employees. May give advice to management on selection of color scheme, type of draperies, rugs, upholstery, and furniture to be used when needed for replacement.

KITCHEN HELPER

A worker who performs one or more of the following unskilled kitchen duties: Cleans worktables, meat blocks, refrigerator, and grease trays; sweeps and mops kitchen floors, obtains and distributes supplies and utensils; watches and stirs cooking foods to prevent burning. Carries dirty utensils to be washed and returns cleaned utensils and polished silver to proper place in kitchen. Cleans pots and kitchen utensils. Carries out garbage. Delivers food trays to floor diet kitchens and collects dirty dishes from trays. Assists in setting up trays. Dishes up food. Cuts, peels, and washes fruits and vegetables. Makes toast and beverages. Workers who work with patients in mental hospitals or who perform tasks such as making salad dressing or soup stock; preparing special beverages such as eggnogs or milk shakes; cooking or frying eggs; weighing, measuring, and mixing ingredients for bakery products, etc., are excluded.

MAID OR PORTER

A worker who cleans and services hospital premises: Performs one or more of the following duties: Cleans, mops, and waxes floors. Dusts furniture and equipment. Cleans window sills, empties

MAID OR PORTER - Continued

trash baskets, and arranges furniture and equipment in an orderly fashion. Scours and polishes bathtubs, sinks, mirrors, and similar equipment, replenishing supplies of soap and towels. Polishes brass and cleans and polishes glass panels in doors and partitions. Keeps utility storage rooms in good order by cleaning lockers and equipment, arranging supplies, and sweeping and mopping floor. Performs a variety of related duties. May be assigned to specific areas, such as wards, offices, or surgery. Those workers who work with patients in mental hospitals are excluded.

MEDICAL LABORATORY ASSISTANT<sup>5</sup>

A worker who assists one or more medical technologists or workers of equivalent status by performing one or more of the following duties: Preparing, under instruction, sterile media for use in growing cultures (does not identify bacteria); sorting bacterial cultures prior to examination by medical technologists; preparing solutions, non-critical reagents (i. e., those not requiring a high degree of accuracy—such as salt solutions or dye solutions), or stains, following standard laboratory formulas and procedures. May clean and sterilize laboratory equipment, glassware, and instruments. May do charting under supervision. May collect some types of specimens from patients. Does not perform tests.

NURSING AIDE

A worker who assists the nursing staff by performing routine duties in the care of hospital patients. Performs several of the following patient care services: Bathes bed patients or assists them in bathing. Cares for patients' hair and nails. Feeds or assists patients to eat and brings patients between-meal nourishment. Assists patients with bedpans and urinals. Keeps records of patients' food intake and output when ordered. Assists patients in undressing and provides hospital clothing, storing patients' clothing and valuables. Assists patients in walking and transports patients to various hospital rooms by means of wheelchair or stretcher. Cleans and sterilizes instru-

<sup>5</sup> These occupations were studied only in Baltimore, Md., Buffalo, N. Y., and St. Louis, Mo.

NURSING AIDE - Continued

ments and equipment. May clean rooms or equipment upon discharge of patients. Makes occupied beds. May take and record temperature, pulse, and respiration rate. May escort newly admitted patients from admitting office to hospital room or ward. May or may not be licensed. May be called orderly and may transport and arrange portable X-ray, oxygen, or heavy equipment. In mental hospitals or psychiatric units will have very limited responsibility for participation in care of patients, being limited to physical care rather than socializing and will work under close supervision.

PRACTICAL NURSE

A person who, under supervision of a professional nurse, performs selected and delegated nursing tasks in care of patients. Performs three or more of the following duties: Measures and administers simple medications as directed; applies simple dressings; administers enemas, douches, perineal care, and other treatments as directed; reports general observation of patients' condition; sets up treatment trays; keeps under constant surveillance patients recovering from anesthesia or receiving prolonged intravenous or subcutaneous injections, notifying professional nurse of unusual reactions; takes and records temperature, pulse, and respiration. In a mental hospital, may be called a psychiatric aide or attendant and may have duties such as socializing and custodial functions peculiar to mental hospitals. Some workers called orderlies may perform these duties and are included. May be licensed and may also perform duties of a nursing aide. Those regularly supervising other practical nurses or nursing aides and those supervising units to which no professional nurses are assigned are excluded.

WASHER, MACHINE

A worker who operates one or more washing machines to wash hospital linens, garments, curtains, draperies, and other articles. Work involves the following: Manipulating valves, switches, and levers to start and stop the machine and to control the amount and temperature of water for the sudsing and rinsing of each batch; mixing and adding soap, bluing and bleaching solutions; loading and unloading the washing machine, if not done by loaders or unloaders (pullers). May make minor repairs to washing machine.