Pavlov

DEPARTMENT OF STATE
DIVISION OF LANGUAGE SERVICES

(TRANSLATION)

LS NO. 43861
AO
Russian

To complete the materials delivered to you earlier, we are sending you tables describing the utilization of scientific and engineering personnel, prepared by S.R. Mikulinskiy, Corresponding Member of the U.S.S.R. Academy of Sciences.

[s] Ye. Sklyarov

September 5, 1974

Table 1

Number of persons with college education

	Total	Men	Women
Persons with college education			
Persons with college education per 1,000 employed			

Table 2

Number of employees in the sector "science and scientific servicing"

(1950-1973)

	Total	Percent of women

Note: These data are also available for each Union Republic

Workers and employees in the sector "science and scientific servicing", by age groups (in percent)

	Total workers and employees	By age groups						
		Under 25	25-34	35-44	45-49	50-54	55-59	60 and over

Note: Data are available for periods ending June 1, 1967 and June 1, 1973.

Approved For Release 2000/08/23 : CIA-RDP79-00798A000500100001-1

Scientific personnel by degree and academic title

	TOTAL	Of which	
		Men	Women
Total scientific personnel (incl. college teaching staff)			
With degree of			
Doctor of sciences			
Candidate of sciences			
With academic title of (out of total scientific personnel)			
Academician, Corresponding member, Professor			
Associate professor			
Senior scientist			
Junior scientist and Assistant			

Note: Annual data for 1950-1973 can be made available. Data on the distribution of women by degrees are lacking for some years.

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Scientific personnel by fields of science

	Total scientific personnel	With degree of		Without degree
		Dr. of Sci.	Cand. of Sci.	
TOTAL				
By fields of science:				
Physics and mathematics				
Chemistry				
Biology				
Geology and mineralogy				
Technology				
Agriculture				
Economics				
History				
Philosophy				
Philology				
Geography				
Law				
Pedagogics				
Medicine				
Pharmacology				
Veterinary medicine				
History of art				
Architecture				

Note: Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available. Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics.

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Table 6

Age composition of scientific personnel

	1966	1972			
		Total	In scientific institutions	In colleges	Of total number of sci. personnel, in USSR Sci. Acad. and Sci. Acad. of Union Republ.
Total number of sci. personnel					
By age groups (in % of total):					
Under 29					
30-40					
41-50					
51-60					
61 and above					
With degree of:					
Doctor of sciences (Ph.D.)					
By age groups (in % of total Ph.D's.):					
Under 29					
30-40					
41-50					
51-60					
61 and above					
Candidate of sciences (Cand.Sci.)					
By age groups (in % of total Cand.Sci.)					
Under 29					
30-40					
41-50					
51-60					
61 and above					

Table 7

Scientific personnel in scientific institutions and institutes of higher learning

Total scientific personnel	Of which	
	in scient. instit.	in instit. high. learn.

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

Table 8

Distribution of the scientific staff of the U.S.S.R. Acad. Sci. by scientific fields

	Total sci. staff	Of which		
		with degree of		without degree
		Ph.D.	Cand.Sci.	
Total				
By scientific fields:				
Physics and mathematics				
Chemistry				
Biology				
Geology and mineralogy				
Technology				
Agriculture				
Economics				
History				
Philosophy				
Philology				
Geography				
Law				
Pedagogics				
Medicine				
Pharmacology				
Veterinary medicine				
History of art				
Architecture				

Note: Data for 1970 can be made available.

Table 9

Scientific personnel and their distribution by degrees in the U.S.S.R. Science Academy, the Science Academies of Union Republics, and specialized (branch) academies

	Total scient. staff (excl. persons w. sev. posts)	Of which with degree of	
		Ph.D.	Cand. Sci.
U.S.S.R. Science Academy			
Uk.S.S.R. Science Academy			
B.S.S.R. " "			
Uzb.S.S.R.			
Kaz.S.S.R.			
Geor.S.S.R.			
Az.S.S.R.			
Lith.S.S.R.			
Mold.S.S.R.			
Latv.S.S.R.			
Kirg.S.S.R.			
Tadzh.S.S.R.			
Arm.S.S.R.			
Turkm.S.S.R.			
Est.S.S.R.			
U.S.S.R. Academy of Fine Arts			
Lenin Agricultural Academy			
U.S.S.R. Academy of Medical Sciences			
U.S.S.R. Academy of Pedagogical Sciences			
R.S.F.S.R. Academy of Municipal Economics			

Note: Complete statistical data are available for 1970, 1971, 1972, and 1973; data without distribution by degrees are available for 1959-1969.

Table 10

Distribution of scientific personnel of the U.S.S.R. Science Academy by positions

Heads of institutes

Directors and their deputies

Section (laboratory, branch) chiefs

Senior scientists

Junior scientists

Other scientists

Note: Information for 1950, 1960, and 1970 is available.

Table 11

Number of post-graduate students

Year	Total post-grad. students	Including students					
		In sci. inst. (excl. colleges)	Of which		In inst. of high. learn.	Of which	
			Full Time	Part Time		Full Time	Part Time

Note: Statistical data for 1950-1973 can be made available.

Table 12

Number of women among post-graduate students

TOTAL
Of which
In scientific institutes
In inst. of higher learning

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Table 13

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed in the national economy

By specializations acquired in institutes of learning:

Geology and prospecting for mineral deposits
Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building, electronics, manufacture of electric instruments and automatic devices, radio technology and communications

Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

Note: These data are also available for each Union Republic.

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Veterinary medicine				
History of art				
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Kaz.S.S.R.			
Geor.S.S.R.			
Az.S.S.R.			
Lith.S.S.R.			
Mold.S.S.R.			
Latv.S.S.R.			
Kirg.S.S.R.			
Tadzh.S.S.R.			
Arm.S.S.R.			
Turkm.S.S.R.			
Est.S.S.R.			
U.S.S.R. Academy of Fine Arts			
Lenin Agricultural Academy			
U.S.S.R. Academy of Medical Sciences			
U.S.S.R. Academy of Pedagogical Sciences			
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Metallurgy

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Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

Note: These data are also available for each Union Republic.

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STATE - A.I.D. - USIA
ROUTING SLIP

DATE 9/27/74

TO: Name or Title	Organ. Symbol	Room No.	Bldg.	Initials	Date
1. Ray Pardon	EUR/SOV	4229			
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3.					
4.					
5.					

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	As Requested		Initial for Clearance		Per Conversation
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	For Correction		Necessary Action		Signature

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R. Shiloh SOV/SA	2830 NS	

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