Index

Aganbegian, A. G., 45, 63, 71
Aggregation, levels of, used in setting differentials, 161, 165–169
All-Union Central Council of Trade Unions, 54, 144
"All-Union Ministry of Labor," 7
Automation. See Technology
Auxiliary shops, 68, 68–69n
Average wages, 26, 183
Awards, 154

Base wage rate. See Basic wage rates Basic wage rates in all-industry job evaluation system, and collective piece rate, 37 definition of, 11 differentiation of, 94-95, 133-135 increase of (postreform), 46 intraindustry differentiation of, for working conditions, 126-128, 174-179 as reflecting differences in quantity of labor expended, 124 structure of, in all-industry approach to skill-group classification, 92-93 time rate versus piece rate (postreform and prereform), 30–31, 35 and total earnings differential, 107 and weighted point system in skill-scale determination, 77 Basic wages, as share of average earnings before and after wage reform, 23 Batkaev, R. A., 117, 164 Bell, Daniel, 10n, 163n Bergson, Abram, 1, 5, 143n, 146n, 180, 180n Bloom, Gordon, 164 Bornstein, M., 171n Branch, 13n, 72n Branch handbooks, 82 Branch ministries, authority of, in wage setting, 143–147 Branch norms, 53-54 "Bread allowance," 182 Brennan, C. W., 67n, 71n Brown, Emily Clark, 3n, 103, 110n

Capitalism, and incentive wage payments, 42 Central Bureau of Industrial Labor Norms, 51-52 Central Committee of the Communist Party, 4

Bulgakov, A. A., 103, 104

Bulganin, N. A., 5, 46, 168

Central control and basic wages, 23 and "demoralized" incentive system, 23 lack of flexibility of, 142 monitoring wage fund disbursements, and norm setting,49-59, 66 weakened by incentive payments, 167 Central Norming Bureau, 51-52 Centralization, as opposed to aggregation, 165 Centralized norms, 46, 53-54 Chapman, Janet, 22, 182 Clark, J. M., 42n, 137 Collective output norms, 37 Collective piece-rate system criticisms of, 39-40 definition of, 37-38 expansion of, 35-41 and "norm-plan" system, 60 and simplicity of norm calculation, 39 Committee on Professional Technical Education, 103 Communism, building of, 39 Continual norm review, 65-66, 70, 71 Cost of reproduction of labor power. See Labor power Cost-plus pricing, 162 Council of People's Commissars, 2 Czechoslovakia, 88-89n

Decile ratio, 180-182 defined, 181n Demoralized incentive system, 23 De Witt, Nicholas, 103n Differentials for working conditions efficient levels of, 165–166 factors in setting, 133–134 inadequacies of, 126, 127, 129–130 irrationalities of standardization of, 135-142 lack of standardization of, 127–129 lump-sum additions, 126n as pure differential, 21-22 reasons for increasing, 130 roles of job interest, monotony, in, 141 scope of, 127n as set to attract workers, 132 subjective factors, 141 Distribution according to labor. See Law of distribution according to labor Distribution according to need, 39 Disutility, 101, 134, 136 Dobb, M., 64n, 67n Dunlop, John T., 33, 90, 158n

Eason, Warren, 102 Eckaus, R. S., 116n Economic rent, 119 "Economics of human resources," 102 Education as aspect of training time, 116 general, and skill differentiation, 102 level of, as related to skill group, 105 and scarcity conditions, 109 Soviet policies on, 103 "Effective" initial basic rate, 175 "Effective" skill group, 83-84 Efficiency, measurement of, 162, 164 Egalitarianism, 33, 40-41 Empirical-statistical norms, 50 Empiricists, 158-159 Enterprise authority of, in "new system," 145-150 autonomy of, in determining wage differentiation among pieceworkers, reaction of, to inadequate differentiation of basic rates, 129 role of, in "new system," 145-150 role of, in norm setting, 55-58 Enterprise Statute, 143, 144, 146

Factors of production, 62, 62n Fearn, Robert M., 172n, 185n Felker, J. L., 143n Fringe benefits, 124 Fund for development of production, 150

Galenson, Walter, 15n, 74n, 94, 99n, 105, 106n General occupations, 80-81 Geographical differentials, 21, 29, 156, 160n, 164n, 179n Geographical regions, 108 Goldfinger, N., 106n, 163n Goldman, M. I., 143n Gosbank, 148 Gosplan, 109, 149, 153 Government Labor Committee authority of, in "new system," 144 and drawing up of wage handbooks, 74 goal of, 4 increased activities of, in 1957, 7 on measuring quantity of labor, 132 on "norm-plan" system, 60 powers of, in 1956, 5 scope of activities of, 7n and seniority bonuses, 29 and setting of branch norms, 53-54

Granick, D., 161n Groups of production, 92 Guest, R. H., 140n

Harris, M., 110n
Heavy work. See Hot and/or heavy work
Hicks, J. R., 107
Holzman, F. D., 161, 161n, 171n
Hot and/or heavy work. See also
Differentials for working conditions
measurement of, 134
wage elasticity of labor supplied for, 137
Hourly wage (calculation of), 124n
Hours. See Work week

Incentive wage payments affected by wage reform, 24-25 American versus Soviet industrial workers, 41-43, 41n as corrections, 167–168 effect on interenterprise differentiation of earnings, 129 and labor market conditions, 43 meaning of, in Western analysis, 15 purpose of, 15 as separate from material incentive fund. 151 specialized meaning of, 15 as weakening central control, 167 Incentive wage system, as distinct from incentive wage payment, 24 Income taxes, 21n Indirect piece rate, 17 Industrial work force, stability of, 102 Industrialization, effect of, on wage differentiation, 101 Industry (defined), 21 "Industry of the sovnarkhoz," 268 Inflation, 173 "Initial" basic rate, 14 and interindustry differentials, 164 made more uniform by 1968 minimum wage, 122 proposed, 175-179 variations of, 174-179 Institute of Nutrition of the Academy of Sciences, 130 Intensity of work, 60 Interindustrial differentials, 21-22, 164-169, 179 Internal rate of return for skill acquisition, 105-106n Intraenterprise wage differentiation, 46 Intraindustry scarcity relationships, 107-111

Job (defined), 52	Labor power
ob attractiveness, 137, 141	cost of reproduction of, 113, 130
Job content, 64	as determinant of magnitude of skill
and equity considerations, 163	differentials, 111, 114
objective and subjective considerations	Labor productivity
in, 138–139	as determining magnitude of wage
Job evaluation, 10–12, 76n	fund, 150
assumptions of, 10	as factor in norm review, 49
bias in procedures of, 141	as influencing material incentive fund,
check on accuracy of technique of,	156
119	real versus monetary measures of, 63
compensation for working conditions in, 126	"subjective" and "objective" causes of changes in, 61–62
feasibility of all-industry system of,	three categories of changes in, 63
106–107	Labor requirements, unfulfilled, 108
fundamental characteristic of, 11	Labor turnover, as related to year-end
and "law of distribution according to	bonus, 154-155
labor," 11–12	Lampman, Robert, 158n
as producing inefficiency, 170	Law of distribution according to labor
three basic requirements of, 112-113	as empty rhetoric, 11-12
in U.S., Netherlands, and Scandinavian	and job evaluation, 11-12
countries, 106–107	wage requirements of, 124
Western, 116, 120n	Laws. See Labor laws
in steel industry, 106	Leningrad Survey, 42-43n, 102n, 104,
"Job rationing," 104-105, 108-109,	138n
122	Lester, R. A., 158n
Job satisfaction, 140	Levels of aggregation. See Aggregation,
Job security, 42–43	levels of
Junior service personnel, 21	Lewis, Arthur, 1
,,	Liberman, Evsei, 143
Kaganovich, Lazar, 5, 6	Livernash, F. R., 67n, 90n
Kaplan, Norman, 22	
Kapustin, E. I., 4, 99, 106, 115	Machine construction industry
"Key" skill level, 90	as basis of comparison for skill-group
Khrushchev, N. S., 6	determination, 90-91
Kosygin, A. N., 122, 143	as basis for Unified Handbook, 87
Kuznets, Simon, 180	gap in basic rate increases of, 127
, .	scarcity of machine tool operators in,
Labor economics, 7-8	139, 141
Labor Institute, 51, 110, 114	skill scale of, as determining skill scale
activities of, 8	of general occupations, 82–83
calculations of average skill, 88	system for determining skill groups in,
measures of complexity of labor	76–77
expended in forty branches of	Machine operators
industry, 90	compared to mechanics, 140
Labor laws, 3, 155	defined, 139n
Labor market	new higher basic rates of, 142
analysis of, 109	output norms of, 141
as "free" and "tight," 3, 3n	premiums for, 141
and incentive payments, 43	shortage of, 139-141, 170
internal and external, 110-111	Machlup, F., 158n
and norm setting, 67	Maher, J. E., 41n
and wage differentiation, 99	Maier, V. F., 45, 63, 71, 112-117
and wage theory, 169	Managerial bonuses, as affected by "new
Labor mobility, 3	system," 148

Managerial-technical personnel defined, 21 earnings of, in "new system," 153 premium payments for, 151 Manevich, E. I., 62 Marginal productivity, 162-164 Market. See Labor market Market mechanisms, role of, 111 Markov, V. I., 117, 164 Marx, Karl, 38, 61, 111-112 Marxism, 1 Material incentive fund definition of rate of growth of, 153 distribution of, 151-152 norms for determination of, 151 other forms of payments from, 154 payments from, as determined by labor productivity, 156 purpose of, 151 regulations of, 153-154 role of enterprise in distribution of, 151 workers' premiums from, 154 Material incentives, necessity of strengthening collective forms of, 36 Material self-interest and collective piece-rate system, 39 fostered by premium payments, 36 Mathewson, S. B., 65n Mayo, E., 140n Mechanic, 139n compared to operator, 140 defined, 90n job of, as "key" skill level, 90-91 and "loose" norms, 68 Mikoyan, A. I., 171n, 184n Minimum wage, 182-184 assumed for calculations, 164 as established in 1968, 120 higher and lower wages for workers covered by, 183-184 and initial basic rates, 122 as narrowing skill scale, 184 plans of, for 1972–1974, 122–123 Moscow Pedagogical Institute, 105

Net advantages, 136–137, 163 "New system," 128, 143–150 Normer. See Output normers Norm-plan proposal, 60–61 Norms. See Output norms Nove, A., 55n, 172, 173

Occupations as "general to a group," 92

as measure of wage differentiation in Western industrial economies, 101 unified enumeration of, 93 Office workers defined, 21 earnings of, in "new system," 153 premium payments for, 151 On-the-job experience, 116-117 On-the-job incentives, 21 On-the-job training, 103-104, 115, Operator. See Machine operators Orgnabor, 110 "Other wage payments," as included in wage fund, 29 Output norm fulfillment levels branch and all-industry, 46-48 as correlated to classifications by skill group, 94 effect of, on straight piece-rate earnings, 16 - 17growth of, 44-48 and incentive wage system, 24 in "norm-plan" system, 59-61 optimum levels, 63 reduction of, 46-48 and "tightness" of norms, 47-48 Output norm handbooks, used to establish technically based norms, 52 Output norm review. See also Continual norm review; Yearly norm review change in policy of, 48-49 and productivity, 45 and technically based norms, 51 theoretical foundation of, 65 as year-round and decentralized process, 49 Output norm setting as affected by collective piece rate, 39 and central control, 49–59 disorganized condition of, due to inadequacy of personnel at enterprise level, 59 "dynamic" considerations of, 59, 61-64 and enterprise reaction to market conditions, 67 in "new system," 144 prereform conditions, 44-46 and shortage of machine tool operators, for skilled workers, 100 as source of flexibility for enterprise, 66-71 Soviet theory concerning, 59-64 "static" considerations of, 59-61

percentage of, covered by centralized Output normers norms, 53-54 education levels of, 57 Pierson, Frank G., 158 salaries of, in comparison to other engineering-technical personnel, 58 Pigou, A. C., 163 Planned economy, reasons for greater tasks performed in addition to output scope of incentive payments, 42 norming, 57 workers' attitude toward, 58n Premium payments Output norms. See also Centralized calculation of, 18-19 norms; Collective output norms; Outceiling on, 19 for correcting basic wages, 69 put norm fulfillment levels; Output expansion of, 35-41 norm review; Output norm setting; increase of, as percentage of wage fund, Output normers; Single output norms; Technically based norms; Typical and labor discipline, 19 norms "one-time," 18 effect of reviews of, 45 factor (subjective-objective) approach regulation of, in "new system," 146 as separate from material incentive to. 61-64 and job content, 64 fund, 151 for timeworkers and pieceworkers, 18 "looseness" of, 66, 129 types of (table 1-3), 20 not solely centrally established, 52 workers receiving maximum possible, and overextension of piece-rate system, and straight piece-rate system, 16 Premium system as affected by wage reform, 24 "tightness" of, 47-48 as composed of incentive wage workers' attitude toward changes of, 45 payments, 24 Overtime pay, 185 percentage of workers covered by, 35 reasons for extension, 36 Pareto optimality, 164 Price stability, 172 Payment by results, 41, 42, 43 Productivity Perlman, Richard, 8n, 101n disrupted by yearly norm reviews, 45 Perlo, Victor, 171n and earnings (prereform), 162-163 Personnel, three categories of, at as element in Soviet wage policy, 32 enterprise level, 147, 149 as establishing demand conditions, 101 Petrochenko, P. F., 53-54 Piece-premium system. See Premium measurement of, 156 Productivity wages, 162 system Piece-rate systems. See also Piece-rate Profitability index, 150 Profits, 150. See also Material incentive workers; Straight piece-rate system as affected by wage reform, 24 fund Progressive payments. See Progressive changes in scope of, 31-35 piece-rate system as composed of incentive wage Progressive piece-rate system payment, 24 as affected by wage reform, 26 desirability of (prereform), 34 calculation of, 17-18 lack of rationale of, 32 as one of dominant prereform systems, opposed by Western trade unions, 64 prereform overapplication of, 31-32 virtual elimination of, 32 and Stalinist dogma, 34, 40 Pure wage differentials Piece-rate workers akin to job evaluation plan, 10, 160 as affected by increased use of as central concept of book, 21-22 technically based norms, 50-51 as distinct from statistical differentials, changing of output norms of, 61-64 distribution of, according to levels of efficient level of, defined, 165 norm fulfillment, 48

earnings of, as compared to time-rate

workers, 96

as elements in administrative

determination of wage structure, 10

Pure wage differentials (continued) and equity considerations, 162 separate treatment of, 8 and skill, 101 Soviet versus Western, 9 and working conditions, 14

"Quality," as worker's skill level, 12 Quality of labor, 120, 124 in intraindustry wage determination, 125 and skill group, 85-86 and standardization of pure skill differentials, 78, 80-111 "Quantity," as dependent upon working conditions, 12 Quantity of labor. See also Differentials for working conditions; Working conditions as determined by weighted point system, 133-135

and disutility, 134 lack of methodology for determination of, 124-126 as measured by "energy units of expenditure," 131 and working conditions, 124

Quartile ratio, 180-182 defined, 181n

Rate of exploitation, 113, 113n Razriad. See Skill group Reder, Melvin, 89n Rees, Albert, 163 Rent, economic, 119 Reproduction of labor power. See Labor Research Institute, The. See Labor Institute Rest period, 124 Reynolds, Lloyd G., 101n, 104, 137, 158n Robertson, D. J., 41n, 43n, 138n

Ross, H. G., 116n

Rothbaum, 100n, 116n Rottenberg, Simon, 158n

Routh, Guy, 101n

Ruble, "heavy" and "old," 182

Scarcity, as reflected by wage differentials, 137. See also Intraindustry scarcity relationships Scientific Research Institute of Labor See Labor Institute Scitovsky, Tiber, 136n

Scoville, J. G., 116n

Seniority bonuses for, 28–29 as determinant of skill group, 108 as determining year-end bonus, 155 as factor in skill group determination,

payments for, centrally determined (prereform), 155

Service norms, 44 Setka. See Skill scale Seven-Year Plan, 103 Shchekino experiment, 147, 147n Single output norms, defined, 53

Single skill scale, 106-111. See also Skill scale

Single Wage Handbook for Work and Occupation in the National Economy,

Six-group skill scale, prevalence of, 83–87 Sixth Five-Year Plan, 5 Skill differentials

adequacy of, as incentive, 98-106 correction of, at enterprise level, 138 dependent upon "training time," 111-112

determination of (Maier's formula), 113-114

differing structures of, 108 effect of reform on, 94-98 "equalizing," 105-106

magnitude of, as determined by "cost of reproduction of labor power,"

and minimum basic wage rates, 120-123 as motivation for unskilled workers. 98-99

reasons for reduction of, 99-100 as reflecting scarcity of skilled labor, 101-102

as type of pure differentials that determine intraindustrial wage differences, 21–22

workers' opinions of, 104, 104n Skill group

and calculation of straight piece rate,

characteristics of, 81 classification of, in all-industry

approach, 92-93 designation of, as differing in branch handbooks and Unified Handbook,

as determinant of basic wage rates, 14 determination of

through "key" level and nonweighted

point system, 90-91 by nonweighted point system, 77, 79 by weighted point system, 75 determined by working conditions, 126 exceptions to Unified Handbook, 83 interindustry differences in measurement of, 87-89 and levels of norm overfulfillment. 96 of machine operator versus mechanic, and training time, 116 and wage grades (Western job evaluation), 14-15 Skill level dependent upon "training time," 111determined by weighted and nonweighted point system, 116 differentiation according to, 126 differentiation of earnings according to (prereform), 94-95 indicated by training time, 115-116 measured in terms of work process, 80 Skill scale. See also Single skill scale; Six-group skill scale all-industry application of six-group scale, 81-83 criticism of weighted point system of, as determinant of earnings, 72 determination of, 76 as determining basic wage rates in machine construction, 12-13 and effect of minimum wage, 184 as English translation of setka, 14 as expression of skill differential, 14 feasibility of single, 107 possibility of optimum, 106 prereform versus postreform, 72-74 rationality of single, 107–111 in selected industries, 73 six "typical" skill scales (postreform), 74, 75 and skill groups, 14 standardization of, 72–74 Skilled workers, 109–111 Slesar'. See Mechanic Slichter, Sumner H., 23n Social-cultural fund, 150 Socialism determination of wages under, 162 development of (collective versus straight piece-rate system), 40 "Socially necessary labor time," 114 Sonin, M., 109

Specialized training, 103 fixed investment in, 137-138 Stakhanovite movement, 50n Stalin, I. V., 3-4, 33-34 Statute on the State Productive Enterprise. See Enterprise Statute "Sticky" wages, 172 Straight piece-rate system. See also Piece-rate systems calculation of, 16-17 as one of dominant prereform systems, Straight time-rate system, calculation of, Structural inflation, 172 Strumilin, S., 36 Success indicators, 156-157 as affected by "new system," 148 based upon "net" or "value added" indexes, 156-157 Superior agencies, as monitoring wage fund disbursements, 149 Surplus product, 114 Surplus value, 113, 113n Systems of wage payment. See Wage systems

Taxes. See Income taxes Taylor, Frederick W., 17n Technical training, 116 Technically based norms as affected by incentive systems, 130 as associated with low norm overfulfillment levels, 50 basic wage as obstacle to, 70 decline of, 51 definition of, 50 extension dependent upon basic wage changes, 66 increased use of in determination of earnings of piece-rate workers, 50-51 reasons for extension of, 66 "scientific," 59 three-stage determination process of, 52 Technology and collective piece-rate system, 39 and effectiveness of incentive payments, and labor productivity, 61-62, 63 and norm fulfillment levels, 60 and piece-rate system, 35 and premium system, 36 Time-premium system. See Premium system Trade unions

Trade unions (continued) Soviet, 128-129, 144, 150-151n and "new system," 151 and norm review, 64n Western, 12n and equal pay for equal work, 163n and piece-rate system, 38, 38n, 64 "Training time," 111-120 as indication of skill levels, 115-116 measurements of, 117–118 and skill-group level, 116 three aspects of, 116 usefulness of data on, 119-120 Twentieth Party Congress, 182 Twenty-Third Party Congress, 170 Typical norms (definition of), 53

Unattractive work (measurement of), 134, 170 Unhealthy work (measurement of), 134 Unified Handbook, 90 assumption of, 80 as basic handbook for machine construction, 87 as opposed to branch handbooks, 87 purpose of, 80 as supplemented by "group" handbooks, 92 Unified Wage-Qualification Handbook for Workers of General Occupations. See Unified Handbook Uninterrupted work, benefits of, 155 Unions. See Trade unions Unskilled workers problems of, in skill group determinaas reason behind high wage differentia tion, 99 wage sensitivity of, 138

Vacations, 28, 28n, 125
Values, as determinant of skill differentials, 112, 113–114
Vocational-technical schools, 103–104, 108n, 109n
legal obligation of graduates, 109, 110
Volkov, A. P., 3, 36n, 40–41, 156

Wage differentials. See also Differentials for working conditions; Geographical differentials; Interindustrial differentials; Pure wage differentials; Skill differentials and differences in average wage levels, 160

and equalization of short-run net advantages, 136-137 interactions of, 160 physiological basis of, 130-132 and scarcity conditions, 137 Wage drift, definition of, 107 Wage elasticity, 137 Wage fund, 55n composition of, 26-31 determination of, in "new system," 147 distribution of, in "new system," 148and enterprise autonomy in norm setting, 55 and inflation, 172 and minimum wage, 120 and output norms, 66 overexpenditure of, due to progressive piece rate, 32 overexpenditure of, in "new system," problems of data on, 28 Wage handbooks, as determining skill levels, 74 Wage inequality, 180–184 data not collected on, 3 Wage policy central task of, during First Fve-Year Plan, 99 tool of, 111 Wage reform between 1958 and end of 1961, 7 experiments of, 1956-1958, 96 importance of, 1-2 recognition of need for, 4 Wage structure appropriate use of term, 2 and changes in productivity, 61-62 dispersion and variation in, 180 measurement of changes in, 180 Wage systems. See also Piece-rate systems; Premium system; Progressive piece-rate system; Straight time-rate system flexibility of, 107 and "new system," 145-146 six, defined, 15–19 Wage theory as general approach to problems of wage determination, 159 as generating economic data and facilitating control, 159-162 efficiency considerations of, 164-173 equity considerations of, 162-164 Wages and earnings, as synonymous

with gross money earnings, 21 Walker, C. R., 140n "Warping" of system of wage determination, 129-130 Weighted point system as determining quantity of labor expended, 133-135 as index of "job attractiveness," 137 Welfare economics, 164 Wootton, Barbara, 120n Work crew, 37 Work day, 124-125 Work week, 6-7, 6n, 7n, 23n Workers. See also Piece-rate workers; Skilled workers: Unskilled workers attitudes of, toward incentive system, 43 distinguished from other categories of personnel, 21 earnings of, as compared to other personnel, 153 fraction of paid by straight or progressive piece rate before and after wage reform, 23 physiological needs of, 130 synonymous with rabochii, 21 Working conditions. See also Differentials for working conditions; Quanitity of labor and automation, 130n benefits for differences in, 124-125 and disutility, 134, 136 as factor in skill group determination, five levels of, 133-134 heavy and unhealthy, 125 hot and/or heavy, 134 and norm setting, 67 normal, 125, 136 and quantity of labor expended, 124 and reduced work day, 124-125 unattractive, 134 unhealthy, 134 Woytinsky, W. S., 38n

Yanowitch, Murray, 90n, 99n, 180n, 184 Year-end bonus, as part of material incentive fund 154-155 Yearly norm review, 70-71 as engendering loss of output, 65 as revealing strength of planning authorities, 64