

INDEX

- Abridged life tables, 141-4
 Age-errors, 117, 149, 150
- Beard, R. E.: effect of duplicates on variance, 10; graduation, 128
 Bessel's formula, 133
 Binomial distribution, 8-10, 127
 Blake, W. T. C., 100
 Blending, 135, 146
- Calderon, H. P., 125
 Calendar-year age, 23
 Calendar-year experience, 13, 22-6
 Carlisle Table, 117
 Census method, 36, 62, 69, 70, 79, 80
 Central rate, 13, 34
 Chi-squared (χ^2) test, 127
 Classification of methods, 39-42
 Confidence limits, 124, 125
 Continuous exposed-to-risk formulae, 56-61
 Coward, L. E., 91
 Cox, P. R., viii, 106, 107, 158, 159
 Curtate duration, 28
 Curve fitting, 114
- Daw, R. H., 10, 111
 Days of grace, 73, 74
 Derrick, V. P. A., 149
 Duplicates, 10, 80
 Dynamic census, 61, 76, 77
- English Life Tables: Nos. 1-5, 145, 146; Nos. 6-8, 146-9, 153, 156; Nos. 9 and 10, 148, 150-6
 Expected deaths, 126
 Exposed-to-risk (definition), 6
- Farr, W., 145
 Fertility rates, 104-6
 Freeman, H.: abridged life tables, 141-4; Bessel's interpolation formula, 133; osculatory interpolation, 138
Friendly Societies (Blake and Moore), 100
- Gauss's formula, 136
- Goodness of fit, 111, 112, 126, 129
 Government Actuary's Department, 158
 Government Female Annuitants, 122, 123, 124
 Graduation by reference to a standard table, 129, 130
 Graphic methods, 112, 116, 118-24, 130
 Graphic representation of exposed-to-risk, 42-7
- Hardy, G. F., 161: standard deviation of sickness, 88; sub-division of sickness rates, 90
 Harvey, P. N., 99
 Haynes, A. T., 69
 Hocking, W. S., 158
- Industrial Assurance Act, 1923, 146
- King, G.: abridged life tables, 141-4; English Life Tables Nos. 7 and 8, 146-9, 153, 156; pivotal value formula, 131-4; osculatory interpolation, 138
- Leavers, 67-9, 70-4
 Lidstone, G. J., 138
Life and Other Contingencies, 101
 Life table, National Health Insurance, 160
 Life tables, sectional, 156-8
 Life-year experience, 13-15, 19, 22
- Makeham's formula, 140, 143, 144
 Manchester Unity, 89, 90, 97-9, 156
 Marital status, mortality rates, 157-8
 Marriage rates, 104-6
 Michaelson, R. L., 9, 111
 Moore, J. M., 100
 Mortality table, 2
 Moving average, 113, 114
 Multiple decrements, 101-3
- New entrants, 63-66
 Non-forfeiture provisions, 73, 74
 Notation, 20-2, 50, 56-8

- Off-period, 90
 Osculatory interpolation, 135-41
- Pearson, K., 112
 Perks, W., 10
 Pivotal-value formula, 131-4
 Poisson variance, 10
 Policy-year experience, 15-16, 27, 28
 Proportion sick, 82
- Redington, F. M.: binomial test, 9, 111; uncertainty analogy, 29
 Registrar-General's estimates, 149
 Retirement rates, 103-4
 Revivals, 73
 Risk-time, 31
- Selection, 17, 78, 98, 99
 Service table, 2
 Sickness: definition, 81, 82; adjustments for new entrants and leavers, 93, 94; Coward's paper, 91; exposed-to-risk, 92, 93; frequency distribution, 87; Harvey's paper, 99; idealization of rates, 85; Manchester Unity Experience, 89, 90, 94, 97-9; off-period, 90; proportion sick, two forms, 82; selection, 98, 99; special rules, 99, 100; standard deviation, 88, 89; Watson's paper, 91; waiting-period, 93
 Signs, test of, 127
 Sine curve for blending, 146
 Sprague, T. B.: graduation of 1884 annuitants' experience, 122, 123; osculatory interpolation, 138, 146
Statistics (Johnson and Tetley), 20, 111, 115, 128, 134
- Tests of graduation, 9, 125-9
- Vaughan, H., 138
- Waiting-period, 93
 Waters, A. C., 147
 Watson, Sir A. W.: English Life Tables Nos. 9 and 10, 150-6; Sickness paper, 91
 Whittall, W. J. H., 40
 Withdrawal rates, 101-3