

DAFTAR PUSTAKA

- Albrecht, J., & Vroman, S. (2000). A Matching Model with Endogenous Skill Requirements. *SSRN Electronic Journal*.
<https://doi.org/https://doi.org/10.2139/ssrn.233308>
- Allen, J., & Van Der Velden, R. (2001). Educational mismatches versus skill mismatches: effects on wages, job satisfaction, and on-the-job search. *Oxford Economic Paper*, 3, 434–452.
- Badan Pusat Statistik. (2024). *Keadaan Angkatan Kerja di Indonesia Labor Force Situation in Indonesia* (Direktorat Statistik Kependudukan dan Ketenagakerjaan, Ed.). Badan Pusat Statistik.
- Badan Pusat Statistik. (2025a). *Angka Partisipasi Kasar (APK) Perguruan Tinggi (PT) Menurut Provinsi, 2025*. Badan Pusat Statistik.
<https://www.bps.go.id/id/statistics-table/2/MTQ0MyMy/angka-partisipasi-kasar-apk-perguruan-tinggi-pt-menurut-provinsi.html>
- Badan Pusat Statistik. (2025b). *Cerita Data Statistik Untuk Indonesia Mismatch Pendidikan-Perkerjaan Pemuda Indonesia: Implikasi bagi Bonus Demografi* (Vol. 2). Badan Pusat Statistik.
<https://www.bps.go.id/id/publication/2025/10/31/c35e3066258c837175d3b097/cerita-data-statistik-untuk-indonesia---mismatch-pendidikan-pekerjaan-pemuda-indonesia--implikasi-bagi-bonus-demografi.html>
- Badan Pusat Statistik. (2026a, January 21). *Penduduk Berumur 15 Tahun ke Atas Menurut Pendidikan Tertinggi yang Ditamatkan dan Jenis Kegiatan Selama Seminggu Terakhir*. Badan Pusat Statistik. www.bps.go.id/id/statistics-table/3/UTJOSk4zWnRUa1pTT0dwRmJYZzNkMHd3UWtoVVVUMDkjMw==/penduduk-berumur-15-tahun-ke-atas-menurut-pendidikan-tertinggi-yang-ditamatkan-dan-jenis-kegiatan-selama-seminggu-yang-lalu.html?year=2025
- Badan Pusat Statistik. (2026b, January 30). *Tingkat Pengangguran Terbuka Berdasarkan Tingkat Pendidikan*. Badan Pusat Statistik.
<https://www.bps.go.id/id/statistics-table/2/MTE3OSMy/tingkat-pengangguran-terbuka-berdasarkan-tingkat-pendidikan.html>
- Badan Pusat Statistik. (2026c, July 14). *Rata-Rata Upah/Gaji Bersih Sebulan Buruh/Karyawan/Pegawai Menurut Pendidikan Tertinggi yang Ditamatkan dan Lapangan Usaha di 17 Sektor (Rupiah), 2025*. Badan Pusat Statistik.
<https://www.bps.go.id/id/statistics-table/2/MjQ3NCMy/rata-rata-upah-gaji-bersih-sebulan-buruh-karyawan-pegawai-menurut-pendidikan-tertinggi-yang-ditamatkan-dan-lapangan-pekerjaan-utama-di-17-sektor.html>

- Becker, G. S. (1964). *Human Capital: A Theoretical and Empirical Analysis with Special Reference to Education* (Third Edition). National Bureau of Economic Research.
- Borjas, G. J. (2020). *Labor Economics* (Eighth Edition). McGraw-Hill Education.
- Combes, P. P., Duranton, G., & Gobillon, L. (2008). Spatial wage disparities: Sorting matters! *Journal of Urban Economics*, 63(2), 723–742. <https://doi.org/10.1016/j.jue.2007.04.004>
- Danuza, M. C., & Farah, A. (2023). Estimating the Return on Education: Evidence from Indonesian Survey Data. *JEJAK: Jurnal Ekonomi Dan Kebijakan*, 16(2), 372–380. <https://doi.org/10.15294/jejak.v16i2.45732>
- Diamond, P. A. (1982). Wage Determination and Efficiency in Search Equilibrium. *The Review of Economic Studies*, 217–227. <http://restud.oxfordjournals.org/>
- Doeringer, P. B., & Piore, M. J. (1970). *Internal Labor Markets And Manpower Analysis*. Education Resources Information Center (ERIC).
- Duncan, G., & Hoffman, S. D. (1981). The Incidence and Wage Effects of Overeducation. *Economics of Education Review*, 1(1), 75–86.
- Duranton, G., & Puga, D. (2004). Micro-Foundations Of Urban Agglomeration Economies. In *Handbook of Regional and Urban Economics* (Vol. 4, 48). Elsevier. [https://doi.org/10.1016/S0169-7218\(04\)07048-0](https://doi.org/10.1016/S0169-7218(04)07048-0)
- Ehrenberg, R. G., & Smith, R. A. (2018). *Modern Labor Economics Theory and Public Policy* (Thirteenth). Routledge.
- Frank, R. H. (1978). Why Women Earn Less: The Theory and Estimation of Differential Overqualification. *The American Economic Review*, 68(3), 360–373. <http://www.jstor.org/stable/1805267> .
- Freeman, R. B. (1976). The Overeducated American. In *Public Choice*. Academic Press.
- Gammarano, R. (2020, September 10). 258 million workers in the world are over-educated for their jobs. ILOSTAT Blog. <https://ilostat.ilo.org/blog/258-million-workers-in-the-world-are-over-educated-for-their-jobs/>
- Gobillon, L., Selod, H., & Zenou, Y. (2007). The mechanisms of spatial mismatch. *Urban Studies*, 44(12), 2401–2428. <https://doi.org/10.1080/00420980701540937>
- Hakim, D. R., & Fitri, E. N. (2025). Economics Development Analysis Journal Does Vertical Educational Mismatch Hinder Economic Growth?: Evidence from Indonesia. *Economics Development Analysis Journal*, 14(3). <http://journal.unnes.ac.id/sju/index.php/edaj>
- Hanushek, E. A., & Woessmann, L. (2020). Education, knowledge capital, and economic growth. In *The Economics of Education* (Second Edition, pp. 171–182). Elsevier. <https://doi.org/10.1016/B978-0-12-815391-8.00014-8>

- Hartog, J. (2000). Over-education and earnings: where are we, where should we go? *Economics of Education Review*, 19, 131–147. [https://doi.org/https://doi.org/10.1016/S0272-7757\(99\)00050-3](https://doi.org/https://doi.org/10.1016/S0272-7757(99)00050-3)
- Hasibuan, E., & Handayani, D. (2021). Pengaruh Qualification Mismatch terhadap Upah Tenaga Kerja Di Indonesia. *Jurnal Ekonomi Dan Pembangunan*, 29(1), 1–16. <https://doi.org/10.14203/jep.29.1.2021.1-16>
- Herrera-Idárraga, P., López-Bazo, E., & Motellón, E. (2015). Double Penalty in Returns to Education: Informality and Educational Mismatch in the Colombian Labour Market. *Journal of Development Studies*, 51(12), 1683–1701. <https://doi.org/10.1080/00220388.2015.1041516>
- ILO. (2025). *World Employment and Social Outlook: May 2025 Update*. <https://www.ilo.org/publications/flagship-reports/world-employment-and-social-outlook-may-2025-update>
- Jovanovic, B. (1979). Job Matching and the Theory of Turnover. *Journal of Political Economy*, 87(5), 972–990. <https://doi.org/https://doi.org/10.1086/260808>
- Kain, J. F. (1968). Housing Segregation, Negro Employment, and Metropolitan Decentralization. *The Quarterly Journal of Economics*, 82(2), 175–197. <https://doi.org/https://doi.org/10.2307/1885893>
- Kemendiktisaintek. (2026). *Statistik Pendidikan Tinggi Higher Education Statistics 2025*.
- Khoiruddin, M. A., Setyanti, A. M., Suman, A., Prasetyia, F., & Susilo, S. (2024). Exploring Determinants of Education-Job Mismatch Among Educated Workers in Indonesia. *Jurnal Ekonomi Pembangunan: Kajian Masalah Ekonomi Dan Pembangunan*, 25(2), 263–281. <https://doi.org/10.23917/jep.v25i2.23994>
- Krugman, P. (1991). Increasing Returns and Economic Geography. *Journal of Political Economy*, 99(3), 483–499. <https://doi.org/http://www.jstor.org/stable/2937739>
- Leuven, E., & Oosterbeek, H. (2011). Overeducation and Mismatch in the Labor Market. In *Handbook of the Economics of Education* (Vol. 4, pp. 283–326). Elsevier B.V. <https://doi.org/10.1016/B978-0-444-53444-6.00003-1>
- Lumley, Thomas. (2010). *Complex surveys : a guide to analysis using R*. John Wiley.
- McConnell, C. R., Brue, S. L., & Macpherson, D. A. (2022). *Contemporary Labor Economics* (13th ed.). McGraw-Hill Education.
- McFadden, D. (1974). Conditional Logit Analysis of Qualitative Choice Behavior. In P. Zarembka (Ed.), *Frontiers in Econometrics*. Academic Press.

- McGuinness, S. (2006). Overeducation In The Labour Market. *Journal of Economic Surveys*, 20(3), 387–418. <https://doi.org/10.1111/j.0950-0804.2006.00284.x>
- McGuinness, S., Pouliakas, K., & Redmond, P. (2018). Skills Mismatch: Concepts, Measurement And Policy Approaches. *Journal of Economic Surveys*, 32(4), 985–1015. <https://doi.org/10.1111/joes.12254>
- Mincer, J. A. (1974). *Schooling, Experience, and Earnings*. National Bureau of Economic Research. <http://www.nber.org/books/minc74-1>
- Mortensen, D. T. (1982). Property Rights and Efficiency in Mating, Racing, and Related Games. *The American Economic Review*, 72(5), 968–979. <https://www.jstor.org/stable/1812016>
- Mortensen, E. T. (1986). Job Search And Labor Market Analysis. In *Handbook of Labor Economics* (Vol. 11, pp. 849–919). Elsevier.
- Pissarides, C. A. (1985). Short-Run Equilibrium Dynamics of Unemployment, Vacancies, and Real Wages. *American Economic Review*, 75(4), 676–690.
- Pissarides, C. A. . (2000). *Equilibrium unemployment theory*. The MIT Press.
- Robst, J. (2007). Education and job match: The relatedness of college major and work. *Economics of Education Review*, 26(4), 397–407. <https://doi.org/10.1016/j.econedurev.2006.08.003>
- Robst, J. (2008). Overeducation And College Major: Expanding The Definition Of Mismatch Between Schooling And Jobs. *The Manchester School*, 76(4), 349–368. <https://doi.org/10.1111/j.1467-9957.2008.01064.x>
- Salas-Velasco, M. (2021). Mapping the (mis)match of university degrees in the graduate labor market. *Journal for Labour Market Research*, 55(14). <https://doi.org/10.1186/s12651-021-00297-x>
- Sattinger, M. (1993). Assignment Models of the Distribution of Earnings. *Journal of Economic Literature*, 31(2), 831–880. <https://doi.org/10.2307/2728516>
- Schultz, T. W. (1961). Investment in Human Capital. *The American Economic Review*, 51(1), 1–17. <https://doi.org/10.2307/1818907>
- Serikbayeva, B., Abdulla, K., & King, Lorelei. (2022). *Education-Job Mismatch: Implications for Individual Earnings and Aggregate Output*. 163(2), 723–752. <https://doi.org/10.1007/s11205-022-02912-x>
- Sicherman, N., & Galor, O. (1990). A Theory of Career Mobility. *Journal of Political Economy*, (11), 98. <https://doi.org/10.1086/261674>
- Sitorus, F. M., & Wicaksono, P. (2020). The determinant of educational mismatch and its correlation to wages. *Jurnal Ekonomi Pembangunan*, 18(2), 163–176. <https://doi.org/10.29259/jep.v18i2.12788>
- Smith, A. (1776). *The Wealth of Nations*. W. Strahan and T. Cadell.
- Suryono, I. L., Gunawan, B. T., Hennigusnia, & Kurniawati, A. (2026). Employment Mismatch Trends in the Digitalization Age: Indonesia Case

- Studies. In A. N. Nawawi, J. Alami, M. Bautista, D. Aung-Thwin, Y. E. Simandjuntak, & Prasetyo (Eds.), *Managing Disruption and Developing Resilience for a Better Southeast Asia* (pp. 205–219). Springer. https://doi.org/10.1007/978-981-96-2116-3_15
- Takeuchi, M. (2023). Impact of vertical and horizontal mismatches on earnings among highly educated employees in Japan. *International Journal of Educational Research Open*, 5. <https://doi.org/10.1016/j.ijedro.2023.100270>
- Teulings, C., & Hartog, J. (1998). *Corporatism or Competition?: Labour Contracts, Institutions and Wage Structures in International Comparison*. Cambridge University Press.
- Thurow, L. C. (1975). *Generating inequality: Mechanisms of distribution in the U.S. economy*.
- Topel, R. H., & Ward, M. P. (1992). Job Mobility and the Careers of Young Men. *The Quarterly Journal of Economics*, 107(2), 439–479. <https://doi.org/10.2307/2118478>
- Tran, T. Q., Nguyen, H. T. T., Vu, N. B. T., & Le, D. Van. (2025). Factors Associated With Vertical and Horizontal Job-Education Mismatches: Insights From University Graduates in Vietnam. *Evaluation Review*, 50(4). <https://doi.org/10.1177/0193841X251409287>
- Tran, T. Q., Thi Vu, N. B., Van Le, D., & Hoang Vu, L. (2025). Vertical and horizontal job-education mismatches and wages: A quantitative analysis of university graduates in Vietnam. *International Journal of Educational Development*, 117. <https://doi.org/10.1016/j.ijedudev.2025.103323>
- UNESCO. (2024). *Higher Education Figures at a glance*. <https://unesdoc.unesco.org/ark:/48223/pf0000389069>
- UNESCO. (2026, May 12). *Number of students in higher education more than doubled in 20 years, but inequalities remain*. UNESCO. <https://www.unesco.org/en/articles/number-students-higher-education-more-doubled-20-years-inequalities-remain>
- Verhaest, D., & Omey, E. (2006). The Impact of Overeducation and Its Measurement. *Social Indicators Research*, 77(3), 419–448. <https://doi.org/10.1007/s11205-005-4276-6>
- Verhaest, D., Sellami, S., Van Der Velden, R., & Leuven, K. U. (2017). Differences in horizontal and vertical mismatches across countries and fields of study (156, Tran.). *International Labour Review*, (1), 1–23. <https://doi.org/10.1111/j.1564-913X.2015.00031.x>
- Wicaksono, P., Theresia, I., & Al Aufa, B. (2023). Education–occupation mismatch and its wage penalties: Evidence from Indonesia. *Cogent Business and Management*, 10(3). <https://doi.org/10.1080/23311975.2023.2251206>

- World Bank. (2018). *World development report 2018: Learning to realize education's promise*. <https://doi.org/10.1596/978-1-4648-1096-1>
- Yonanda, A. P., & Usman, H. (2023). Determinan Status Horizontal Mismatch pada Pekerja Lulusan Pendidikan Tinggi di Indonesia. *Jurnal Ketenagakerjaan*, 18(2), 142–157. <https://doi.org/10.47198/naker.v18i2.239>

