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Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Acemoglu, D., & Autor, D. (2011). Skills, tasks and technologies: Implications for employment and earnings. In *Handbook of Labor Economics* (Vol. 4, Number PART B). https://doi.org/10.1016/S0169-7218(11)02410-5

Adioetomo, S. M., Howell, F., Mcpherson, A., & Priebe, J. (2014). *Social Assistance for The Elderly: The Role of The Asistensi Sosial Lanjut Usia Terlantar Programme in Fighting Old Age Poverty*. www.tnp2k.go.id

Adioetomo, S. M., & Mujahid, G. (2014). *Indonesia on the Threshold of Population Ageing. UNFPA Indonesia Monograph Series No.1* (H. Posselt, Ed.). UNFPA. https://indonesia.unfpa.org/sites/default/files/pub-pdf/BUKU_Monograph_No1_Ageing_03_Low-res.pdf

Adisa, O. (2019). Why Are some Older Persons Economically Vulnerable and Others Not? The Role of Socio-Demographic Factors and Economic Resources in the Nigerian Context. *Ageing International*, *44*(2), 202–222. https://doi.org/10.1007/s12126-019-09348-8

Affandi, M. (2009). Faktor-Faktor Yang Mempengaruhi Penduduk Lansia Memilih untuk Bekerja (Factors influencing the decision of the older population to work). *Journal of Indonesian Applied Economics*, *Vol. 3*(2), 99–110. https://doi.org/https://doi.org/10.21776/ub.JIAE.003.02.1

Afridi, F., Bishnu, M., & Mahajan, K. (2024). What Determines Women's Labor Supply? The Role of Home Productivity and Social Norms. In *Journal of Demographic Economics* (12666; Vol. 90, Number 1). https://doi.org/https://doi.org/10.1017/dem.2022.22

Aierken, A., Ding, X. W., Pan, Y. Y., Chen, Y., & Li, Y. (2022). Association between dependency on community resources and social support among elderly people living in rural areas in China: a cross-sectional study. *BMC Geriatrics*, *22*(1). https://doi.org/10.1186/s12877-022-03247-5

Aiyar, S., Ebeke, C., & Shao, X. (2016). *The Impact of Workforce Aging on European Productivity*.

Albertini, M., Kohli, M., & Vogel, C. (2007). Intergenerational transfers of time and money in European families: Common patterns - Different regimes? *Journal of European Social Policy*, *17*(4), 319–334. https://doi.org/10.1177/0958928707081068

Albertini, M., & Radl, J. (2012). Intergenerational transfers and social class: Inter-vivos transfers as means of status reproduction? *Acta Sociologica*, *55*(2), 107–123. https://doi.org/10.1177/0001699311431596

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Amir, H., Khan, M., & Bilal, K. (2015). Impact of educated labor force on Economic growth of Pakistan: A human capital perspective. *European Online Journal of Natural and Social Sciences*, *4*(4), 814–831. http://www.european-science.com

Ananta, A. (2012). Financing Indonesia's Ageing Population. *Source: Southeast Asian Affairs*, 135–149. https://www.jstor.org/stable/41713991

Arsyad, S. S., & Nurhayati, S. (2016). Determinan Fertilitas di Indonesia (Determinant of Fertility in Indonesia). *Jurnal Kependudukan Indonesia*, *11*(1), 1–14.

Asian Development Bank. (2012). *Asian development outlook 2012: Confronting rising inequality in Asia*. Asian Development Bank.

Ayalon, L., & Tesch-Römer, C. (2018). Introduction to the Section: Ageism—Concept and Origins. In L. Ayalon & C. Tesch-Römer (Eds.), *Contemporary Perspectives on Ageism* (Vol. 19, pp. 1–10).

Barrientos, A., Gorman, M., & Heslop, A. (2003). Old age poverty in developing countries: Contributions and dependence in later life. *World Development*, *31*(3), 555–570. https://doi.org/10.1016/S0305-750X(02)00211-5

Beard, J. R., Officer, A., De Carvalho, I. A., Sadana, R., Pot, A. M., Michel, J. P., Lloyd-Sherlock, P., Epping-Jordan, J. E., Peeters, G. M. E. E., Mahanani, W. R., Thiyagarajan, J. A., & Chatterji, S. (2016). The World report on ageing and health: A policy framework for healthy ageing. In *The Lancet* (Vol. 387, Number 10033, pp. 2145–2154). Lancet Publishing Group. https://doi.org/10.1016/S0140-6736(15)00516-4

Becker. (1981). The Evolution of the Family. In *A Treatise on The Family* (Enlarged Edition, pp. 342–361). Harvard University Press.

Becker, G. S. (1974). A Theory of Social Interactions. In *Source: Journal of Political Economy* (Vol. 82, Number 6). http://www.jstor.com/stable/1830662

Becker, G. S. (1993a). *A Treatise on The Family: Enlarged Edition*. Harvard University Press.

Becker, G. S. (1993b). *Human Capital: A Theoretical and Empirical Analysis with Special Reference to Education* (Third Edition). The University of Chicago Press.

Beltrán-Sánchez, H., Finch, C. E., & Crimmins, E. M. (2015). Twentieth century surge of excess adult male mortality. *Proceedings of the National Academy of Sciences of the United States of America*, *112*(29), 8993–8998. https://doi.org/10.1073/pnas.1421942112

Bengtson, V. L., Burgess, E. O., & Parrott, T. M. (1997). Theory, Explanation, and a Third Generation of Theoretical Development in Social Gerontology. In *Journal of Gerontology: SOCIAL SCIENCES* (Vol. 52, Number 2). http://psychsocgerontology.oxfordjournals.org/

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Bernheim, B. D., Shleifer, A., & Summers, L. H. (1986). The Strategic Bequest Motive. *Source: Journal of Labor Economics*, *4*(3), 151–182.

Biddle, B. J. (1986). Recent Development in Role Theory. *Source: Annual Review of Sociology*, *12*, 67–92. https://www.jstor.org/stable/2083195

Bidisha, S. H., Abdullah, S. M., Siddiqua, S., & Islam, M. M. (2020). How Does Dependency Ratio Affect Economic Growth in the Long Run? Evidence from Selected Asian Countries. *The Journal of Developing Areas*, *54*(2). https://doi.org/10.1353/jda.2020.0015

Bloom, D. E., Canning, D., & Fink, G. (2010). Implications of population ageing for economic growth. *Oxford Review of Economic Policy*, *26*(4), 583–612. https://www.jstor.org/stable/43664646

Bloom, D. E., Canning, D., & Finlay, J. E. (2010). Population Aging and Economic Growth in Asia. In *The Economic Consequences of Demographic Change in East Asia* (Vols. 0-226-38685–6, pp. 61–89). University of Chicago Press.

Bloom, D. E., Canning, D., & Sevilla, J. (2001). *Economic Growth and The Demographic Transition* (8685). http://www.nber.org/papers/w8685

Bloom, D. E., Chatterji, S., Kowal, P., Lloyd-Sherlock, P., McKee, M., Rechel, B., Rosenberg, L., & Smith, J. P. (2015). Macroeconomic implications of population ageing and selected policy responses. *The Lancet*, *385*(9968), 649–657. https://doi.org/10.1016/S0140-6736(14)61464-1

Bloom, D. E., Khoury, A., Algur, E., & Sevilla, J. P. (2020). Valuing Productive Non-market Activities of Older Adults in Europe and the US. *Economist (Netherlands)*, *168*(2), 153–181. https://doi.org/10.1007/s10645-020-09362-1

Blundell, R., Bozio, A., & Laroque, G. (2013). Extensive and intensive margins of labour supply: Work and working hours in the US, the UK and France. *Fiscal Studies*, *34*(1), 1–29. https://doi.org/10.1111/j.1475-5890.2013.00175.x

Blundell, R., Chiappori, P. A., & Meghir, C. (2005). Collective labor supply with children. *Journal of Political Economy*, *113*(6), 1277–1306. https://doi.org/10.1086/491589

Bongaarts, J. (2009). Human population growth and the demographic transition. *Philosophical Transactions of the Royal Society B: Biological Sciences*, *364*(1532), 2985–2990. https://doi.org/10.1098/rstb.2009.0137

Borjas, G. J. (2000). *Labor economics* (M. W. Junior, Ed.; 2nd ed.). McGraw-Hill/Irwin.

Börsch-Supan, A. (2005). Labor market effects of population aging. *Labour*, *17*, 5–44.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Börsch-Supan, A. (2015). Ageing in Europe - Supporting Policies for an Inclusive Society. In A. Börsch-Supan, T. Kneip, H. Litwin, Mi. Myck, & G. Weber (Eds.), *Ageing in Europe - Supporting Policies for an Inclusive Society*. DE GRUYTER. https://doi.org/10.1515/9783110444414

Bound, J., Stinebrickner, T., & Waidmann, T. (2010). Health, economic resources and the work decisions of older men. *Journal of Econometrics*, *156*(1), 106–129. https://doi.org/10.1016/j.jeconom.2009.09.010

Boyd, D. (2019). *Demographics, Aging, and State Taxes* [Dissertation]. University at Albany.

BPS. (2010). *Statistik Penduduk Lanjut Usia 2010*.

BPS. (2020a). *Keadaan Angkatan Kerja di Indonesia Agustus 2020*.

BPS. (2020b). *Statistik Penduduk Lanjut Usia 2020 [Statistics of the Elderly Population 2020]*. https://www.bps.go.id/publication/2020/12/21/0fc023221965624a644c1111/statistik-penduduk-lanjut-usia-2020.html

BPS. (2021). *Potret Sensus Penduduk 2020 Menuju Satu Data Kependudukan Indonesia [Portrait of 2020 Population Census Towards One Population Data Indonesia]*. https://www.bps.go.id/id/publication/2021/01/21/213995c881428fef20a18226/potretsensus-penduduk-2020-menuju-satu-data-kependudukan-indonesia.html

BPS. (2023a). *Mortalitas di Indonesia: Hasil Long Form Sensus Penduduk 2020*.

BPS. (2023b). *Proyeksi Penduduk Indonesia 2020-2050: Hasil Sensus Penduduk 2020 [Indonesia Population Projections 2020-2050: The Result of 2020 Population Census]*. https://www.bps.go.id/id/publication/2023/05/16/fad83131cd3bb9be3bb2a657/proyeksi-penduduk-indonesia-2020-2050-hasil-sensus-penduduk-2020.html

BPS. (2023c). *Statistik Penduduk Lanjut Usia 2023 (Statistics of the Elderly Population 2023)*. https://www.bps.go.id/id/publication/2023/12/29/5d308763ac29278dd5860fad/statistik-penduduk-lanjut-usia-2023.html

Brown, S. L., & Lin, I. F. (2012). The gray divorce revolution: Rising divorce among middle-aged and older adults, 1990-2010. *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, *67 B*(6), 731–741. https://doi.org/10.1093/geronb/gbs089

Browning, M., Chiappori, P.-A., & Weiss, Y. (2011). *Family economics*. Cambridge University Press.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Budiarti, N. (2021). *Bekerja, Berhenti Bekerja, dan Subjective Well-Being: Analisis Penduduk Usia 50 Tahun Ke Atas di Indonesia*. Universitas Padjadjaran.

Butler, R. N. (1969). *Age-Ism: Another Form of Bigotry*. http://gerontologist.oxfordjournals.org/

Butler, R. N. (1989). Dispelling Ageism: The Cross-Cutting Intervention. *Source: The Annals of the American Academy of Political and Social Science*, *503*, 138–147. https://www.jstor.org/stable/1047223

Cai, F., Giles, J., O'keefe, P., & Wang, D. (2012). *The Elderly and Old Age Support in Rural China Challenges and Prospects Human Development*.

Cai, L., & Kalb, G. (2006). Health status and labour force participation: Evidence from Australia. *Health Economics*, *15*(3), 241–261. https://doi.org/10.1002/hec.1053

Calasanti, T. (2010). Gender relations and applied research on aging. *Gerontologist*, *50*(6), 720–734. https://doi.org/10.1093/geront/gnq085

Cameron, L. A., & Cobb-Clark, D. (2008). Do Coresidency and Financial Transfers from the Children Reduce the Need for Elderly Parents to Works in Developing Countries? *Source: Journal of Population Economics*, *21*(4). https://doi.org/10.1007/s00

Card, D. (1999). The causal effect of education on earnings. In O. Ashenelter & D. Card (Eds.), *Handbook of Labor Economics* (30). Elsevier Science.

Carr, D., & Bodnar-Deren, S. (2009). Gender, Aging and Widowhood. In *International Handbook of Population Aging* (pp. 705–728). Springer Netherlands. https://doi.org/10.1007/978-1-4020-8356-3_32

Carr, D., & Utz, R. (2001). Late-Life Widowhood in the United States: New Directions in Research and Theory. *Ageing International*, 65–88.

Chatterji, S., Byles, J., Cutler, D., Seeman, T., & Verdes, E. (2015). Health, functioning, and disability in older adults - Present status and future implications. In *The Lancet* (Vol. 385, Number 9967, pp. 563–575). Lancet Publishing Group. https://doi.org/10.1016/S0140-6736(14)61462-8

Chawla, M., Betcherman, G., & Banerji, A. (2007). *The "Third Transition" of Aging Populations in Eastern Europe and the Former Soviet Union*.

Chen, C., Maung, K., & Rowe, J. W. (2021). *Gender differences in countries' adaptation to societal ageing: an international cross-sectional comparison*. www.thelancet.com/healthy-longevity

Chen, X., Eggleston, K., & Sun, A. (2018). The impact of social pensions on intergenerational relationships: Comparative evidence from China. *Journal of the Economics of Ageing*, *12*, 225–235. https://doi.org/10.1016/j.jeoa.2017.04.001

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Chen, Y. jie, Wang, K., Zhao, J., Zhang, Z., Wang, J., & He, L. (2023). *Overage labor, intergenerational financial support, and depression among older rural residents: evidence from China*. https://www.

Chesnais, J.-C. (1990). Demographic Transition Patterns and Their Impact on the Age Structure. *Population and Development Review*, *16*(2), 327–336. https://www.jstor.org/stable/1971593

Chiappori, P.-A. (1988). Rational Household Labor Supply. *Econometrica*, *56*(1), 63–89. https://www.jstor.org/stable/1911842

Chiappori, P.-A. (1992). Collective Labor Supply and Welfare. *Source: Journal of Political Economy*, *100*(3), 437–467. https://www.jstor.org/stable/2138727

Chomik, R., McDonald, P., & Piggott, J. (2016). Population ageing in Asia and the Pacific: Dependency metrics for policy. *Journal of the Economics of Ageing*, *8*, 5–18. https://doi.org/10.1016/j.jeoa.2016.05.002

Chowdhury, P., Mohanty, I., Singh, A., & Niyonsenga, T. (2023). Informal sector employment and the health outcomes of older workers in India. *PLoS ONE*, *18*(2 February). https://doi.org/10.1371/journal.pone.0266576

Christensen, K., Doblhammer, G., Rau, R., & Vaupel, J. W. (2009). Ageing populations: the challenges ahead. In *www.thelancet.com* (Vol. 374). http://www.

Coile, C., Milligan, K. S., & Wise, D. A. (2016). Health Capacity to Work at Older Ages. In *NBER WORKING PAPER SERIES*.

Collier, D., LaPorte, J., & Seawright, J. (2008). Typologies: Forming Concepts and Creating Categorical Variables. In *The Oxford Handbook of Political Methodology*. Oxford University Press. https://doi.org/10.1093/oxfordhb/9780199286546.003.0007

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

Cook, J. (2011). The socio-economic contribution of older people in the UK. *Working with Older People*, *15*(4), 141–146. https://doi.org/10.1108/13663661111191257

Costa, J. R., Quintero-Flórez, A., García-Cabrera, E., Romero-Barranca, J., & Vilches-Arenas, Á. (2026). Ageism and the feminization of old age: A Systematic review. In *Archives of Gerontology and Geriatrics* (Vol. 141). Elsevier Ireland Ltd. https://doi.org/10.1016/j.archger.2025.106084

Crespo Cuaresma, J., Lutz, W., & Sanderson, W. (2014). Is the Demographic Dividend an Education Dividend? *Demography*, *51*(1), 299–315. https://doi.org/10.1007/s13524-013-0245-x

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Crystal, S., & Shea, D. (1990). Cumulative advantage, cumulative disadvantage, and inequality among elderly people. *Gerontologist*, *30*(4), 437–443. https://doi.org/10.1093/geront/30.4.437

Cutler, D. M., & Lleras-Muney, A. (2006). *Education and Health: Evaluating Theories and Evidence* (12352; NBER Working Paper). http://www.dh.gov.uk/PolicyAndGuidance/HealthAndSocialCareTopics/HealthInequalities/fs/en

Cutler, D. M., & Lleras-Muney, A. (2010). Understanding differences in health behaviors by education. *Journal of Health Economics*, *29*(1), 1–28. https://doi.org/10.1016/j.jhealeco.2009.10.003

Dannefer, D. (2003). Cumulative Advantage/Disadvantage and the Life Course: Cross-Fertilizing Age and Social Science Theory. In *Journals of Gerontology - Series B Psychological Sciences and Social Sciences* (Vol. 58, Number 6). Gerontological Society of America. https://doi.org/10.1093/geronb/58.6.S327

De Breij, S., Qvist, J. Y., Holman, D., Mäcken, J., Seitsamo, J., Huisman, M., & Deeg, D. J. H. (2019). Educational inequalities in health after work exit: The role of work characteristics. *BMC Public Health*, *19*(1). https://doi.org/10.1186/s12889-019-7872-0

De Nardi, M., French, E., Bailey Jones, J., & McCauley, J. (2015). *Medical Spending of the US Elderly* (NBER Working Paper Series 21270). http://www.nber.org/papers/w21270

Deaton, A. (1992). *Understanding consumption*. Oxford University Press.

Deaton, A. (2005). *Franco Modigliani and the Life Cycle Theory of Consumption*. SSRN 686475

Deaton, A., & Paxson, C. (1998). Economies of scale, household size, and the demand for food. *Journal of Political Economy*, *106*(5), 897–930. https://doi.org/10.1086/250035

Donni, O., & Ponthieux, S. (2012). Economic Approaches to Household Behavior: From the Unitary Model to Collective Decisions. *Travail, Genre et Sociétés*, *26*(2), 67–83. https://www.cairn-int.info/journal-travail-genre-et-societes-2011-2-page-67.htm

Du, Y., & Wang, M. (2011). Population Ageing, Domestic Consumption and Future Economic Growth in China. In J. Golley & L. Song (Eds.), *Rising China: Global Challenges and Opportunities* (pp. 301–313). https://www.jstor.org/stable/j.ctt24hbk1.24

Dublin, L. J. (1940). Problem arising from an ageing populatiton. *Nature*, *146*(566). https://doi.org/https://doi-org.ezproxy.ugm.ac.id/10.1038/146566a0

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Ekawati, R., Rahayuwati, L., Nurhidayah, I., Agustina, H. S., & Rahayu, E. (2019). Determinant Factors of Fertility in Reproductive Age Women. *Jurnal Keperawatan Padjadjaran*, *7*(3), 283–293. https://doi.org/10.24198/jkp

Elder, G. H. (1994). Time, Human Agency, and Social Change: Perspectives on the Life Course. In *Source: Social Psychology Quarterly* (Vol. 57, Number 1).

Elder, G. H. (1998). The Life Course as Developmental Theory. *Child Development*, *69*(1), 1–12. https://www.jstor.org/stable/1132065

Ellis, F. (1999). *Rural Livelihood Diversity in Developing Countries: Evidence and Policy Implications*. http://www.odi.org.uk/nrp/40.html

European Commission. (2015). *The Silver Economy*. Oxford Economics. https://doi.org/10.2759/640936

European Commission. (2021). *The 2021 Ageing Report: Economic and Budgetary Projections for the EU Member States (2019-2070)*. Publications Office of the European Union. https://doi.org/10.2765/84455

Evans, D. K., & Yuan, F. (2019). *What We Learn about Girls' Education from Interventions that Do Not Focus on Girls*. http://www.worldbank.org/

Faharuddin, F. (2025). Poverty Among Elderly in Indonesia: Extent, Determinants, and Policy Implications. *Poverty and Public Policy*, *17*(3). https://doi.org/10.1002/pop4.70025

Fechter, L. (2016). *Altruism and Well-Being*. https://digitalcommons.wou.edu/honors_theses/93

Ferraro, K. F., & Shippee, T. P. (2009). Aging and cumulative inequality: How does inequality get under the skin? *Gerontologist*, *49*(3), 333–343. https://doi.org/10.1093/geront/gnp034

Fields, G. S. (2011). Labor market analysis for developing countries. *Labour Economics*, *18*(SUPPL. 1). https://doi.org/10.1016/j.labeco.2011.09.005

Folbre, N. (2012). The Political Economy of Human Capital. *Review of Radical Political Economics*, *44*(3), 281–292. https://doi.org/10.1177/0486613412440240

Foster, L., & Walker, A. (2015). Active and successful aging: A european policy perspective. *Gerontologist*, *55*(1), 83–90. https://doi.org/10.1093/geront/gnu028

Frankenberg, E., Lillard, L., & Willis, R. J. (2002). Patterns of Intergenerational Transfers in Southeast Asia. In *Source: Journal of Marriage and Family* (Vol. 64, Number 3). https://www.jstor.org/stable/3599930

Freedman, V. A., Spillman, B. C., Andreski, P. M., Cornman, J. C., Crimmins, E. M., Kramarow, E., Lubitz, J., Martin, L. G., Merkin, S. S., Schoeni, R. F., Seeman, T. E., & Waidmann, T. A. (2013). Trends in Late-Life Activity Limitations in the

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

United States: An Update From Five National Surveys. *Demography*, *50*(2), 661–671. https://doi.org/10.1007/s13524-012-0167-z

Fried, L. P., Tangen, C. M., Walston, J., Newman, A. B., Hirsch, C., Gottdiener, J., Seeman, T., Tracy, R., Kop, W. J., Burke, G., & Mcburnie, M. A. (2001). Frailty in Older Adults: Evidence for a Phenotype. In *Journal of Gerontology: MEDICAL SCIENCES Copyright* (Vol. 56, Number 3). https://academic.oup.com/biomedgerontology/article-abstract/56/3/M146/545770

Gee, E. M. (2002). Misconceptions and misapprehensions about population ageing. *International Journal of Epidemiology*, *31*(4), 750–753. https://doi.org/10.1093/ije/31.4.750

Glaeser, E. L., & Maré, D. C. (2001). Cities and skills. *Journal of Labor Economics*, *19*(2), 316–342. https://doi.org/10.1086/319563

Gollin, D., Lagakos, D., Waugh, M. E., Caselli, F., Doepke, M., Herrendorf, B., Huffman, L., Jedwab, R., Matsuyama, K., Mcmillan, M., Prescott, E., Rull, V. R., Rogerson, R., Rosenzweig, M., Schoellman, T., Soloveichik, R., Teal, F., Tsyvinski, A., Vollrath, D., & Young, A. (2013). *The Agricultural Productivity Gap*. http://www.nber.org/papers/w19628

Goujon, A. V. (2006). Demographic Transition and Education in Developing Countries. In Ismail Sirageldin (Ed.), *Sustainable Human Development*. Eolss Publishers. www.iiasa.ac.at

Groezen, B. van, Meijdam, L., & Verbon, H. A. A. (2005). Serving the old: Ageing and economic growth. *Oxford Economic Papers*, *57*(4), 647–663. https://doi.org/10.1093/oep/gpi035

Grossman, M. (1972). On the Concept of Health Capital and the Demand for Health. *Journal of Political Economy*, *80*(2), 223–255.

Gruber, J., Wise, D. A., & Gruber, J. (2002). *Social Security Programs and Retirement Around the World: Micro Estimation*.

Grundy, E., & Read, S. (2012). Social contacts and receipt of help among older people in england: Are there benefits of having more children? *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, *67 B*(6), 742–754. https://doi.org/10.1093/geronb/gbs082

Guido, G., Ugolini, M. M., & Sestino, A. (2022). Active ageing of elderly consumers: insights and opportunities for future business strategies. *SN Business and Economics*, *2*(1). https://doi.org/10.1007/s43546-021-00180-4

Guimarães, S. D., & Tiryaki, G. F. (2020). The impact of population aging on business cycles volatility: International evidence. *Journal of the Economics of Ageing*, *17*. https://doi.org/10.1016/j.jeoa.2020.100285

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Haberkern, K., Schmid, T., Neuberger, F., & Grignon, M. (2011). The role of the elderly as providers and recipients of care. In *The Future of Families to 2030* (Vol. 9789264168367, pp. 189–257). Organisation for Economic Cooperation and Development (OECD). https://doi.org/10.1787/9789264168367-6-en

Haider, S., & Loughran, D. (2001). *Elderly labor supply work or play* (01-09).

Han, X., & Cheng, Y. (2017). *Consumption and Productivity Adjusted Dependency Ratio with Household Structure Heterogeneity* (531; ADB Economics Working Paper Series). https://doi.org/10.22617/WPS179182-2

Harasty, C., & Ostermeier, M. (2020). *Population Ageing: Alternative measures of dependency and implications for the future of work* (5; Vol. 5).

Hardy, M., & Skirbekk, V. (2013). Research Opportunities in the Demography of Aging. In L. J. Waite & T. J. Plewes (Eds.), *New Directions in the Sociology of Aging* (pp. 120–150). National Academy Press.

Harper, S. (2014). Economic and social implications of aging societies. In *Science* (Vol. 346, Number 6209, pp. 587–591). American Association for the Advancement of Science. https://doi.org/10.1126/science.1254405

Harris, J. R., Todaro, M. P., Diamond, P., Eckaus, R., & Stiglitz, J. (1970). *Migration, Unemployment and Developmnent: A Two-Sector Analysis*.

Heckman, J. J. (1979). Sample Selection Bias as a Specification Error. *Econometrica: Journal of the Econometric Society, 47*(1), 153–161. https://www.jstor.org/stable/1912352

Herrendorf, B., Rogerson, R., Valentinyi, Á., Caselli, F., Ngai, R., Schoellman, T., Ventura, G., & Carey, W. P. (2013). *Growth and Structural Transformation*. http://www.nber.org/papers/w18996.ack

Herrmann, M. (2012). Population Aging and Economic Development: Anxieties and Policy Responses. *Journal of Population Ageing*, *5*(1), 23–46. https://doi.org/10.1007/s12062-011-9053-5

Hong, C., Sun, L., Liu, G., Guan, B., Li, C., & Luo, Y. (2023). Response of Global Health Towards the Challenges Presented by Population Aging. *China CDC Weekly*.

Hosmer, D. W., Lemeshow, Stanley., & Sturdivant, R. X. (2013). *Applied Logistic Regression Third Edition* (3rd ed.). John Wiley & Sons, Inc.

Huang, W. H., Lin, Y. J., & Lee, H. F. (2019). Impact of Population and Workforce Aging on Economic Growth: Case Study of Taiwan. *Sustainability (Switzerland)*, *11*(22). https://doi.org/10.3390/su11226301

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Hull, T. H. (1987). Fertility Decline in Indonesia: An Institutionalist Interpretation. *International Family Planning Perspectives*, *13*(3), 90–95. https://www.jstor.org/stable/2947904

Hungerford, T., & Solon, G. (1987). Sheepskin Effects in the Returns to Education. *The Review of Economics and Statistics*, *69*(1), 175–177. https://www.jstor.org/stable/1937919

Huo, C., Xiao, G., & Chen, L. (2021). The crowding-out effect of elderly support expenditure on household consumption from the perspective of population aging: evidence from China. *Frontiers of Business Research in China*, *15*(1). https://doi.org/10.1186/s11782-021-00099-5

ILO. (2013). *Resolution concerning statistics of work, employment and labour underutilization*.

ILO. (2017). *Universal social protection to achieve the Sustainable Development Goals*.

ILO. (2018a). *Care Work and Care Jobs for the future of decent work*.

ILO. (2018b). *Labour market participation of older persons: needs and options*.

ILO. (2018c). *Women and men in the informal economy: a statistical picture*.

ILO. (2021). *World Social Protection Report*.

ILO. (2022). *Decent work deficits among rural workers: Key findings and recommendations for trade unions*. chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://webapps.ilo.org/wcmsp5/groups/public/---ed_dialogue/---actrav/documents/publication/wcms_850582.pdf

ILO. (2025). *Innovative approaches to formalization in Asia and the Pacific*. https://doi.org/10.54394/XOSQ7112

IMF. (2009). The IMF on the Fiscal Impact of Population Aging. In *Population and Development Review* (Vol. 35, Number 2, pp. 437–442). https://www.jstor.org/stable/25487684

Islam, M. S., Ng, T. K. S., Manierre, M., Hamiduzzaman, M., & Tareque, M. I. (2022). Modifications of Traditional Formulas to Estimate and Project Dependency Ratios and Their Implications in a Developing Country, Bangladesh. *Population Research and Policy Review*, *41*(5), 1931–1949. https://doi.org/10.1007/s11113-022-09720-8

Jakovljevic, M. M., Netz, Y., Buttigieg, S. C., Adany, R., Laaser, U., & Varjacic, M. (2018). Population aging and migration - history and UN forecasts in the EU-28 and its east and south near neighborhood - one century perspective 1950-2050. *Globalization and Health*, *14*(1). https://doi.org/10.1186/s12992-018-0348-7

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Jayawardhana, T., Anuththara, S., Nimnadi, T., Karadanaarachchi, R., Jayathilaka, R., & Galappaththi, K. (2023). Asian ageing: The relationship between the elderly population and economic growth in the Asian context. *PloS One*, *18*(4), e0284895. https://doi.org/10.1371/journal.pone.0284895

Johnson, P. (1997). Fiscal Implications of Population Ageing. *Philosophical Transactions of the Royal Society of London*, *352*(1363), 1895–1903. https://www.jstor.org/stable/56636

Jukhairin, M. (2023). Berbakti Kepada Orang Tua Perspektif Al-Qur'an (Studi Tematik atas Tafsir Ibnu Katsir). *JIIP-Jurnal Ilmiah Ilmu Pendidikan*, *6*(9), 6946–6952. http://Jiip.stkipyapisdompu.ac.id

Jung, H., Pirog, M., & Lee, S. K. (2016). Do public pensions crowd out private transfers to the elderly?: Evidence from South Korea. *Journal of Pension Economics and Finance*, *15*(4), 455–477. https://doi.org/10.1017/S1474747214000493

Jung Hong, M., Lee, C., Lee, C., Kim, Y. S., Jeong, J. Y., Park, J., Shin, D. W., & Shin, E. (2022). Are high medical costs incurred by people with disabilities excessive?: An empirical analysis of Korean National Health Insurance Data. *PLoS ONE*, *17*(1 January), 1–10. https://doi.org/10.1371/journal.pone.0262653

Kadek Andini, N., Putu Eka Nilakusmawati, D., & Susilawati, M. (2013). Faktor-Faktor Yang Memengaruhi Penduduk Lanjut Usia Masih Bekerja. *PIRAMIDA*, *IX*(1), 44–49.

Kafková, M. P. (2015). Older People as Care Givers and Their Roles in Family in the Era of Active Ageing:Case of the Czech Republic. *STUDIA SOCJOLOGICZNE*, *2*(217), 49–73. https://www.researchgate.net/publication/282282643

Kahana, E., Bhatta, T., Lovegreen, L. D., Kahana, B., & Midlarsky, E. (2013). Altruism, helping, and volunteering: Pathways to well-being in late life. *Journal of Aging and Health*, *25*(1), 159–187. https://doi.org/10.1177/0898264312469665

Kalache, A., & Kickbusch, I. (1997, July 4). A global strategy for healthy ageing. *World Health*, *50 (4)*, 4–5.

Kam, P.-K. (1996). Empowering Elderly People: A Community Work Approach. *Community Development Journal*, *31*(3), 230–240. https://www.jstor.org/stable/44257279

Kementerian Kesehatan RI. (2018). *Laporan Nasional Riskesdas 2018*.

Kendig, H., McDonald, P., & Piggott, J. (2016). Introduction: A multidisciplinary approach to ageing. In *Population Ageing and Australia's Future* (Number October, pp. 2–19). https://doi.org/10.22459/paaf.11.2016.01

Kenny, G. P., Yardley, J. E., Martineau, L., & Jay, O. (2008). Physical work capacity in older adults: Implications for the aging worker. In *American Journal of*

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Industrial Medicine (Vol. 51, Number 8, pp. 610–625). https://doi.org/10.1002/ajim.20600

Kikkawa, A., Oshio, T., Sawada, Y., Shimizutani, S., Ogawa, N., Park, A., & Sonobe, T. (2024). Health Capacity to Work among Older Persons in Asia: Key Findings from a Regional Comparative Study. *Asian Development Review*, *41*(1), 5–37. https://doi.org/10.1142/S0116110524400018

Killingsworth, M. R. (1983). *Labor Supply*. Cambridge University Press. https://doi.org/10.1017/CBO9780511572104

Kim, H. K., & Lee, S. H. (2021). The effects of population aging on South Korea's economy: The National Transfer Accounts approach. *Journal of the Economics of Ageing*, *20*. https://doi.org/10.1016/j.jeoa.2021.100340

Kim, J., & Waite, L. J. (2016). Complex Households and the Distribution of Multiple Resources in Later Life: Findings from a National Survey. *Research on Aging*, *38*(2), 150–177. https://doi.org/10.1177/0164027515581421

Kivunja, C., & Kuyini, A. B. (2017). Understanding and Applying Research Paradigms in Educational Contexts. *International Journal of Higher Education*, *6*(5), 26–41. https://doi.org/10.5430/ijhe.v6n5p26

Klasen, S., & Pieters, J. (2015). What explains the stagnation of female labor force participation in Urban India? *World Bank Economic Review*, *29*(3), 449–478. https://doi.org/10.1093/wber/lhv003

Klimczuk, A. (2021). *The Silver Economy as a Constructive Response in Public Policy on Aging* (Number 1). https://ssrn.com/abstract=3879888

Knodel, J., & Chayovan, N. (2008). *POPULATION AGEING AND THE WELL-BEING OF OLDER PERSONS IN THAILAND: Past trends, current situation and future challenges*.

Knodel, J., & Saengtienchai, C. (2007). Rural parents with urban children: Social and economic implications of migration for the rural elderly in Thailand. *Population, Space and Place*, *13*(3), 193–210. https://doi.org/10.1002/psp.436

Kohut, A., & Wike, R. (2008). *Unfavorable Views of Jews and Muslims on The Increase in Europe*. www.pewglobal.orgwww.pewglobal.org

Kreager, P. (2006). Migration, social structure and old-age support networks: A comparison of three Indonesian communities. *Ageing and Society*, *26*(1), 37–60. https://doi.org/10.1017/S0144686X05004411

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kudrna, G., Le, T., & Piggott, J. (2022). Macro-Demographics and Ageing in Emerging Asia: The Case of Indonesia. *Journal of Population Ageing*, *15*(1), 7–38. https://doi.org/10.1007/s12062-022-09358-6

Kurniawati, E., & Sugiyanto, C. (2021). Pengaruh Struktur Umur Penduduk terhadap Pertumbuhan Ekonomi di Indonesia. *Jurnal Ekonomi Dan Pembangunan Indonesia*, *21*(Januari), 41–58.

Lai, S. L., & Yip, T. M. (2022). The role of older workers in population aging–economic growth nexus: evidence from developing countries. *Economic Change and Restructuring*, *55*(3), 1875–1912. https://doi.org/10.1007/s10644-021-09370-4

Lakagos, D. (2020). Urban-Rural Gaps in the Developing World. *The Journal of Economic Perspectives*, *34*(3), 174–192. https://www.jstor.org/stable/10.2307/26923546

Lanchimba, C., Quisnancela, J., & Salazar Mendez, Y. (2020). The Choice of Elderly Labor: Evidence from Ecuador. *Revista de Análisis Económico*, *35*(1), 75–97.

Lee, I., & Heshmati, A. (2020). Estimating older people's labour supply decisions in Korea. *Society and Economy*, *42*(1), 39–58. https://doi.org/10.1556/204.2020.00003

Lee, M. (2019). Does Population Aging Contribute to Increased Fiscal Spending? *Journal of Business, Economics and Environmental Studies*, *9*(4), 23–28. https://doi.org/10.13106/jbees.2019.vol9.no4.23

Lee, R. D. (2010). Population aging and the economic role of the elderly: Bonanza or burden? *Behavioral and Brain Sciences*, *33*(1), 31–32.

Lee, R. D. (2014). Macroeconomic consequences of population aging in the United States: Overview of a national academy report. *American Economic Review*, *104*(5), 234–239. https://doi.org/10.1257/aer.104.5.234

Lee, R., & Mason, A. (2011). *Population Aging and the Generational Economy*. International Development Research Centre.

Lee, R., & Mason, A. (2014a). Is low fertility really a problem? Population aging, dependency, and consumption. *Science*, *346*(6206), 224–229. https://doi.org/10.1126/science.1255718

Lee, R., & Mason, A. (2014b). National Transfer Accounts: An Overview. In M. MacLennan (Ed.), *Policy in Focus*. The International Policy Centre for Inclusive Growth UNDP.

Lei, X., Giles, J., Hu, Y., Park, A., Strauss, J., & Zhao, Y. (2012). Patterns and Correlates of Intergenerational Nontime Transfers: Evidence from CHARLS 1. In James. P. Smith & M. Majmundar (Eds.), *Aging in Asia: Findings from New and*

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Emerging Data Initiatives. (9). The National Academies Press. http://esa.un.org/wpp/unpp/panel_population.htm.

Li, Z., & Dalaker, J. (2022). *Poverty Among the Population Aged 65 and Older*. Congressional Research Service. https://crsreports.congress.gov

Lisenkova, K., Mérette, M., & Wright, R. (2013). Population ageing and the labour market: Modelling size and age-specific effects. *Economic Modelling*, *35*, 981–989. https://doi.org/10.1016/j.econmod.2013.09.007

Listyaningsih, U., & Satiti, S. (2021). Dinamika fertilitas dan prevalensi kontrasepsi di Indonesia Fertility and contraception prevalence dynamics in Indonesia. *Jurnal Kependudukan Indonesia*, *16*(2), 153–168. https://doi.org/10.14203/jki.v16i2.595

Liu, H., Jiang, Q., & Feldman, M. W. (2020). Widowhood and mortality risk of older people in rural China: Do gender and living arrangement make a difference. *Ageing and Society*, *40*(9), 1939–1955. https://doi.org/10.1017/S0144686X19000436

Liu, Y. T., Zhou, Y. D., & Cai, J. L. (2023). Effects of Health Status on the Labor Supply of Older Adults with Different Socioeconomic Status. *Sustainability (Switzerland)*, *15*(2). https://doi.org/10.3390/su15021511

Lloyd-Sherlock, P., Agrawal, S., & Gómez-Olivé, F. X. (2020). Pensions, consumption and health: evidence from rural South Africa. *BMC Public Health*, *20*(1). https://doi.org/10.1186/s12889-020-09666-6

Loichinger, E., Hammer, B., Prskawetz, A., Freiberger, M., & Sambt, J. (2017). Quantifying Economic Dependency. *European Journal of Population / Revue Européenne de Démographie*, *33*(3), 351–380. https://www.jstor.org/stable/44387679

Lucas, R. E. (1988). On The Mechanics of Economic Development. *Journal of Monetary Economics*, *22*, 3–42.

Lucas, R. E. B., & Stark, O. (1985). Motivations to Remit: Evidence from Botswana. In *Source: Journal of Political Economy* (Vol. 93, Number 5). https://about.jstor.org/terms

Lum, T. Y. sang. (2013). Advancing Research on Productive Aging Activities in Greater Chinese Societies. *Ageing International*, *38*(2), 171–178. https://doi.org/10.1007/s12126-012-9171-2

Lumsdaine, R. L., & Mitchell, O. S. (1999). New developments in the economic analysis of retirement. In *Handbook of Labor Economics* (Vol. 3).

Lusardi, A., & Mitchell, O. S. (2014). *The Economic Importance of Financial Literacy: Theory and Evidence*.

M. King, E., & M. Anne, H. (1993). *Women's Education in Developing Countries: Barriers, Benefits, and Policies*. The Johns Hopkins University Press.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Mafakheri, S., Mansouri-Shad, F., Cheraghi, P., Nouri, Q., & Cheraghi, Z. (2025). Socioeconomic inequalities in meeting the needs of the elderly in western Iran. *BMC Public Health*, *25*(1). https://doi.org/10.1186/s12889-025-22982-z

Mallick, J. (2015). Globalization, Structural Change and Productivity Growth in the Emerging Countries. *Source: Indian Economic Review*, *50*(2), 181–217. https://www.jstor.org/stable/44242763

Mamun, S. A. K., Rahman, M. M., & Khanam, R. (2020). The relation between an ageing population and economic growth in Bangladesh: Evidence from an endogenous growth model. *Economic Analysis and Policy*, *66*, 14–25. https://doi.org/10.1016/j.eap.2020.02.001

Manton, K. G., Gu, X., & Lamb, V. L. (2006). *Change in chronic disability from 1982 to 20042005 as measured by long-term changes in function and health in the U.S. elderly population* (Vol. 103). www.pnas.orgcgidoi10.1073pnas.0608483103

Marešová, P., Mohelská, H., & Kuča, K. (2015). Economics Aspects of Ageing Population. *Procedia Economics and Finance*, *23*, 534–538. https://doi.org/10.1016/s2212-5671(15)00492-x

Martínez-Martínez, A. L., Bote, M., & Sánchez Vera, P. (2021). Grandparent caregivers: the consequences of providing child care in a metropolitan area of southeast Spain. *Early Child Development and Care*, *191*(13), 2045–2056. https://doi.org/10.1080/03004430.2019.1683004

Mason, A. (2005). Demographic Transition and Demographic Dividends in Developed and Developing Countries. *United Nations Expert Group Meeting on Social and Economic Implications of Changing Population Age Structures*, *31*(5).

Mason, A., & Lee, R. (2006). Reform and support systems for the elderly in developing countries: capturing the second demographic dividend. *Genus*, *62*(2), 11–35. https://www.jstor.org/stable/29789308

Mason, A., Lee, R., Abrigo, M., & Lee, S.-H. (2017). Support Ratios and Demographic Dividends: Estimates for the World. *Population Division Technical Paper*, (2017).

Maurya, P., Chattopadhyay, A., & Prasad, A. B. (2025). Exploring work and life satisfaction among older adults in India: Evidence from LASI. *Archives of Gerontology and Geriatrics Plus*, *2*(2), 100151. https://doi.org/10.1016/j.aggp.2025.100151

Mayer, K. U. (2009). New directions in life course research. *Annual Review of Sociology*, *35*, 413–433. https://doi.org/10.1146/annurev.soc.34.040507.134619

Mazzonna, F., & Peracchi, F. (2017). Unhealthy retirement? *Journal of Human Resources*, *52*(1), 128–151. https://doi.org/10.3368/jhr.52.1.0914-6627R1

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Mcdonald, P., & Kippen, R. (1999). Ageing: the social and demographic dimensions. In *Policy Implications of the Ageing of Australia's Population* (pp. 47–70).

McMillan, M., Rodrik, D., & Verduzco-Gallo, Í. (2014). Globalization, Structural Change, and Productivity Growth, with an Update on Africa. *World Development*, *63*, 11–32. https://doi.org/10.1016/j.worlddev.2013.10.012

Metcalf, H. (2009). *Pay gaps across the equality strands: a review*. Equality and Human Rights Commission.

Mincer, J. A. (1974). The Human Capital Earnings Function. In *Schooling, Experience, and Earnings* (pp. 83–96). NBER. http://www.nber.org/chapters/c1767

Mitra, S. (2006). The Capability Approach and Disability. *Journal of Disability Policy Studies*, *16*(4), 236–247. http://ssrn.com/abstract=2330438

Mitra, S., & Sambamoorthi, U. (2006). Employment of Persons with Disabilities: Evidence from the National Sample Survey. *Economic and Political Weekly*, *41*(3), 199–203. https://www.jstor.org/stable/4417696

Moore, K. K., & Ghilarducci, T. (2018). Intersectionality and Stratification in the Labor Market. *Generations: Journal of the American Society on Aging*, *42*(2), 34–40. https://doi.org/10.2307/26556358

Morgan, L. A., & Kunkel, S. R. (2016). *Aging, Society, and the Life Course* (Fifth Edition). Springer Publishing Company.

Morrow-Howell, N. (2010). Volunteering in later life: Research frontiers. *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, *65 B*(4), 461–469. https://doi.org/10.1093/geronb/gbq024

Morrow-Howell, N., & Wang, Y. (2013). Productive Engagement of Older Adults: Elements of a Cross-Cultural Research Agenda. *Ageing International*, *38*(2), 159–170. https://doi.org/10.1007/s12126-012-9165-0

Muslih, M. (2016). *Filsafat Ilmu: Kajian atas Asumsi Dasar, Paradigma, dan Kerangka Teori Ilmu Pengetahuan*. LESFI.

Myint, H. (1965). Economic Theory and the Underdeveloped Countries Author. *Source: Journal of Political Economy*, *73*(5), 477–491.

Nasir, Z. M., Ali, S. M., & Chaudhry, M. A. (2000). Labour Market Participation of the Elderly [with Comments]. *The Pakistan Development Review*, *39*(4), 1075–1086. https://www.jstor.org/stable/41260313

National Research Council. (2013). *New Directions in the Sociology of Aging: Panel on New Directions in Social Demography, Social Epidemiology, and the Sociology of Aging.* (L. J. Waite & T. J. Plewes, Eds.). The National Academies Press.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Ng, R., Allore, G. G., Trentalange, M., Monin, J. K., & Levy, B. R. (2015). Increasing Negativity of Age Stereotypes across 200 Years: Evidence from a Database of 400 Million Words. *Plos One*, *10*(2), 1–6. https://doi.org/10.1371/journal.pone.0117086

Ngadi, N., Zaelany, A. A., Latifa, A., Harfina, D., Asiati, D., Setiawan, B., Ibnu, F., Triyono, T., & Rajagukguk, Z. (2023). Challenge of Agriculture Development in Indonesia: Rural Youth Mobility and Aging Workers in Agriculture Sector. *Sustainability (Switzerland)*, *15*(2). https://doi.org/10.3390/su15020922

Nielsen, R. W. (2016). Demographic Transition Theory and Its Link to the Historical Economic Growth. *Journal of Economics and Political Economy*, *3*(1), 32–49. www.kspjournals.org

Noveria, M., Listyaningsih, U., Pitoyo, A. J., & Anaf, A. (2025). Adaptation of retired older adult return migrants in their place of origin in the Yogyakarta Special Region, Indonesia. *PLOS ONE*, *20*(8 August). https://doi.org/10.1371/journal.pone.0328038

OECD. (2019). *Working Better with Age* (Ageing and Employment Policies). OECD. https://doi.org/10.1787/c4d4f66a-en

Oksuzyan, A., Juel, K., Vaupel, J. W., & Christensen, K. (2008). Men: good health and high mortality. Sex differences in health and aging. *Aging Clin Exp Res*, *20*(2), 25–28.

Ontario Human Rights Comission. (2022, March 26). *Ageism and age discrimination (fact sheet)*. https://www3.ohrc.on.ca/en/ageism-and-age-discrimination-fact-sheet

Oreopoulos, P., & Salvanes, K. G. (2011). *Priceless: The Nonpecuniary Benefits of Schooling*. https://doi.org/10.2307/23049443

Orimo, H., Ito, H., Suzuki, T., Araki, A., Hosoi, T., & Sawabe, M. (2006). Reviewing the definition of "elderly." *Geriatrics and Gerontology International*, *6*(3), 149–158. https://doi.org/10.1111/j.1447-0594.2006.00341.x

Pan, Y. Y., Chen, Y., Cui, P. Y., Waili, N., & Li, Y. (2022). Association between community environment and dependency among the elderly people from a service provision perspective. *BMC Geriatrics*, *22*(1). https://doi.org/10.1186/s12877-022-03687-z

Park, S. G. (2012). *Quantifying Impact of Aging Population on Fiscal Space* (12; IMF Working Paper 164). https://www.imf.org/en/Publications/WP/Issues/2016/12/31/Quantifying-Impact-of-Aging-Population-on-Fiscal-Space-26018

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Pawson, R. (2006). *Evidence-Based Policy: A Realist Perspective* (1st ed.). SAGE Publications Ltd.

Perry, G. E., Maloney, W. F., Arias, O. S., Fajnzylber, P., Mason, A. D., & Saavedra-Chanduvi, J. (2007). *Informality Exit and Exclusion*. https://doi.org/10.1596/978-0-8213-7092-6

Perwira, D., Arifianto, A., Suryahadi, A., & Sumarto, S. (2003). *Perlindungan Tenaga Kerja Melalui Sistem Jaminan Sosial: Pengalaman Indonesia*. www.smeru.or

Pin Tan, M., Chien, L.-N., Kouton, J., Anis Ishak, A., Nur Ain Mohd, S., & Padmini Selvaratnam, D. (2021). Ageing Population's Impact on Economic Growth in Malaysia from 1981 to 2019: Evidence from an Autoregressive Distributed Lag Approach. *Frontiers in Public Health*, *9*. https://doi.org/10.3389/fpubh.2021.731554

Pissarides, C. A. (2010). Equilibrium in The Labour Market with Search Frictions. *American Economic Review*, *101*, 1092–1105.

Polachek, S. W. (2008). Earnings over the life cycle: The mincer earnings function and its applications. *Foundations and Trends in Microeconomics*, *4*(3), 165–272. https://doi.org/10.1561/0700000018

Popham, L. E., & Hess, T. M. (2015). Theories of Age Stereotyping and Views of Aging. In *Encyclopedia of Geropsychology* (pp. 1–10). Springer Singapore. https://doi.org/10.1007/978-981-287-080-3_127-1

Preston, S. H., Heuveline, P., & Guillot, M. (2001). *Demography: Measuring and Modeling Population Processes* (1st ed.). Blackwell Publishing.

Prettner, K. (2013). Population aging and endogenous economic growth. *Journal of Population Economics*, *26*(2), 811–834. https://doi.org/10.1007/s00148-012-0441-9

Priebe, J., & Howell, F. (2014). *Old Age Poverty in Indonesia Empirical Evidence and Policy Options: A Role for Social Pensions* (07). www.tnp2k.go.id

Prince, M. J., Lloyd-Sherlock, P., Guerra, M., Huang, Y., Sosa, A. L., Uwakwe, R., Acosta, I., Liu, Z., Gallardo, S., Guerchet, M., Mayston, R., de Oca, V. M., Wang, H., & Ezeah, P. (2016). The economic status of older people's households in urban and rural settings in Peru, Mexico and China: a 10/66 INDEP study cross-sectional survey. *SpringerPlus*, *5*(1). https://doi.org/10.1186/s40064-016-1913-2

Purdam, K., & Prattley, J. (2021). Financial debt amongst older women in the United Kingdom - Shame, abuse and resilience. *Ageing and Society*, *41*(8), 1810–1832. https://doi.org/10.1017/S0144686X2000001X

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Putu, N., Yanti, N., & Sudibia, I. K. (2019). Analisis Faktor-Faktor yang Mempengaruhi Partisipasi Kerja Penduduk Lanjut Usia di Kelurahan Sesetan Kota Denpasar. *E-Jurnal Ekonomi Pembangunan Universitas Udayana*, *8*(1), 118–147.

Rahayuwati, L., Arsyad, S. S., Ekawati, R., Dawam, M., Rahmadewi, R., Nurhayati, S., Fahmi, I., & Fauziah, S. R. (2024). Factors That Influence the High Number of Elderly People Working in the Informal Sector. *Journal of Multidisciplinary Healthcare*, *17*, 1827–1837. https://doi.org/10.2147/JMDH.S450047

Rauhut, D. (2012). Ageing and Economic Performance: Dilemmas and Dichotomies. *Finnish Yearbook of Population Research*, *XLVII*, 89–112.

Ravallion, M. (2016). *The Economics of Poverty*. Oxford University Press.

Ray, D. (1998). *Development Economics*. Princeton University Press.

Renuga Nagarajan, N., Teixeira, A. A. C., & Silva, S. T. (2016). The impact of an ageing population on economic growth: an exploratory review of the main mechanisms. *Análise Social*, *51*(218), 4–35. https://www.jstor.org/stable/43755167

Rhee, E. (2014). Consumption patterns and economic status of older households in the United States. In *US Bureau of Labor Statistics: Monthly Labor Review*. US Bureau of Labor Statistics.

Rogers, Andrei. (1981). *Model migration schedules*. International Institute for Applied Systems Analysis.

Romer, P. M. (1990). Endogenous Technological Change. *Source: Journal of Political Economy*, *98*(5). https://www.jstor.org/stable/2937632

Rowe, J. W., & Kahn, R. L. (1997). Successful Aging. *The Cerontologist*, *37*(4), 433–440. http://gerontologist.oxfordjournals.org/

Samorodov, A. (1999). Employment and Training Papers. Ageing and labour markets for older workers. In *ILO Employment and Training Papers* (Vol. 33). https://www.ilo.org/employment/Whatwedo/Publications/WCMS_120333/lang--en/index.htm

Sanderson, W. C., & Scherbov, S. (2010). Remeasuring aging. In *Science* (Vol. 329, Number 5997, pp. 1287–1288). https://doi.org/10.1126/science.1193647

Satriawan, D. (2023). Overview of Informal Sector Workers Viewed from Education Variables. *The Journal of Indonesia Sustainable Development Planning*, *4*(3), 318–327. https://doi.org/10.46456/jisdep.v4i3.372

Sawant, K. V. (2009). *Elderly Labor Supply in a Rural, Less Developed Economy: An Empirical Study* [Dissertation]. North Carolina University.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Schröder-Butterfill, E. (2004). Inter-generational family support provided by older people in Indonesia. *Ageing and Society*, *24*(4), 497–530. https://doi.org/10.1017/S0144686X0400234X

Schröder-Butterfill, E., & Marianti, R. (2006). A framework for understanding old-age vulnerabilities. In *Ageing and Society* (Vol. 26, Number 1, pp. 9–35). https://doi.org/10.1017/S0144686X05004423

Schur, L., Nishii, L., Adya, M., Kruse, D., Bruyère, S. M., & Blanck, P. (2014). Accommodating employees with and without disabilities. *Human Resource Management*, *53*(4), 593–621. https://doi.org/10.1002/hrm.21607

Scott, A. J. (2021). The longevity economy. In *Health Policy Lancet Healthy Longev* (Vol. 2). www.thelancet.com/

Selvaraj, S., Karan, A., & Madheswaran, S. (2011). Elderly workforce participation, wage differentials and contribution to household income. In *Building knowledge base on population ageing in India* (Number January). https://doi.org/10.1017/CCO9781139683456.004

Sen, A. (1983). Economics and the Family. *Asian Development Review*, *1*, 14–16. www.worldscientific.com

Sen, K. (2019). Structural transformation around the world: Patterns and drivers. *Asian Development Review*, *36*(2), 1–31. https://doi.org/10.1162/adev_a_00130

Setiyani, R., & Windsor, C. (2019). Filial Piety: From the Perspective of Indonesian Young Adults. *Nurse Media Journal of Nursing*, *9*(1), 46–57. https://doi.org/10.14710/nmjn.v9i1.21170

Setyanti, A. M. (2020). *Informality and the Education Factor in Indonesian Labor*. *8*(2), 71–80. https://jiae.ub.ac.id/

Sharipov, I. (2015). *Contemporary Economic Growth Models and Theories: A Literature Review*. http://hdl.handle.net/10419/198426

Siegel, J. S. (1994). Plotting the Course: Individual Aging and Population Aging in the West. *The Gerontologist*, *34*(3), 420–425. https://doi.org/https://doi.org/10.1093/geront/34.3.420

Silverstein, M., & Bengtson, V. L. (1997). Intergenerational solidarity and the structure of adult child - Parent relationships in American families. *American Journal of Sociology*, *103*(2), 429–460. https://doi.org/10.1086/231213

Silverstein, M., & Giarrusso, R. (2011). Aging Individuals, Families, and Societies: Micro–Meso–Macro Linkages in the Life Course. In R. A. Settersten Jr & J. L. Angel (Eds.), *Handbook of Sociology of Aging* (pp. 35–49). Springer.

Skirbekk, V., Dieleman, J. L., Stonawski, M., Fejkiel, K., Tyrovolas, S., & Chang, A. Y. (2022). The health-adjusted dependency ratio as a new global measure of the

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

burden of ageing: a population-based study. *The Lancet Healthy Longevity*, *3*(5), e332–e338. www.thelancet.com/healthy-longevity

Smith, J. P. (2007). The Impact of Socioeconomic Status on Health over the Life-Course. In *Source: The Journal of Human Resources* (Vol. 42, Number 4). https://www.jstor.org/stable/40057328

Smyer, M. A., & Pitt-Catsouphes, M. (2007). American Society on Aging The Meanings of Work for Older Workers. *Generations: Journal of the American Society on Aging*, *31*(1), 23–30. https://doi.org/10.2307/26555504

Solow, R. M. (1956). A Contribution to the Theory of Economic Growth. *The Quarterly Journal of Economics*, *70*(1), 65–94. https://www.jstor.org/stable/1884513

Staubli, S., & Zweimüller, J. (2013). Does raising the early retirement age increase employment of older workers? *Journal of Public Economics*, *108*, 17–32. https://doi.org/10.1016/j.jpubeco.2013.09.003

Stock, J. H., & Watson, M. W. (2006). *Introduction to Econometrics* (2nd ed.). Pearson.

Stone, R. I. (1989). The Feminization of Poverty among the Elderly. *Women's Studies Quarterly*.

Stratton, D., & Tadd, W. (2005). Dignity and older people: The voice of society. *Quality in Ageing*, *6*(1), 37–46. https://doi.org/10.1108/14717794200500007

Sudjata, D. S., & Reddy, G. B. (2012). Ageing In Asia. *The Journal of International Issues*, *16*(2), 114–133. https://doi.org/10.2307/48504928

Sukamdi, Munawaroh, T., Lestari, F., & Anwar, D. F. (2024). The effect of household poverty on the economic activity of the elderly in Indonesia. *Working with Older People*, *28*(1), 20–30. https://doi.org/10.1108/WWOP-10-2022-0046

Sulistyaningrum, E., & Tjahjadi, A. M. (2022). Income Inequality in Indonesia: Which Aspects Cause The Most? *Journal of Indonesian Economy and Business*, *37*(3), 229–253. https://journal.ugm.ac.id/v3/jieb

Sun, L., Chang, J., Liu, Y., & Yang, Z. (2011). The urban-rural disparities of the elderly labor supply and income in China. *Procedia Engineering*, *15*, 5274–5278. https://doi.org/10.1016/j.proeng.2011.08.977

Tadic, M., Oerlemans, W. G. M., Bakker, A. B., & Veenhoven, R. (2013). Daily Activities and Happiness in Later Life: The Role of Work Status. *Journal of Happiness Studies*, *14*(5), 1507–1527. https://doi.org/10.1007/s10902-012-9392-9

Tarrant, A. (1999). Older people: Burden or resource? *Appropriate Technology*, *26*(1), 1–4.

Teerawichitchainan, B., & Knodel, J. (2015). *Data Mapping on Ageing in Asia and the Pacific Analytical Report*. www.helpage.org

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Teerawichitchainan, B., Prachuabmoh, V., & Knodel, J. (2019). Productive aging in developing Southeast Asia: Comparative analyses between Myanmar, Vietnam and Thailand. *Social Science and Medicine*, *229*, 161–171. https://doi.org/10.1016/j.socscimed.2018.09.053

Thirlwall A. P. (2011). *Economics of development: theory and evidence* (9th ed.). Palgrave Macmillan.

Timmer, C. Peter. (2009). *A world without agriculture : the structural transformation in historical perspective*. AEI Press.

TNP2K, & SMERU. (2020). *The Situation of the Elderly in Indonesia and Access to Social Protection Programs: Secondary Data Analysis*. TNP2K. www.tnp2k.go.id

Toczek, L., Bosma, H., & Peter, R. (2021). The Gender Pay Gap: Income Inequality Over Life Course – A Multilevel Analysis. *Frontiers in Sociology*, *6*. https://doi.org/10.3389/fsoc.2021.815376

Tomioka, K., Kurumatani, N., & Hosoi, H. (2017). Association Between Social Participation and 3-Year Change in Instrumental Activities of Daily Living in Community-Dwelling Elderly Adults. *Journal of the American Geriatrics Society*, *65*(1), 107–113. https://doi.org/10.1111/jgs.14447

Tong, Y., Chen, F., & Su, W. (2019). Living arrangements and older People's labor force participation in Hong Kong, 1986–2016. *Social Science and Medicine*, *229*, 50–59. https://doi.org/10.1016/j.socscimed.2018.10.011

Treas, J., & Logue, B. (1986). Economic Development and the Older Population. In *Population and Development Review* (Vol. 12, Number 4, pp. 645–673). https://www.jstor.org/stable/1973430

Tsai, W.-H. (2008). The Growth of Taiwan's Aging Population and Its Socio-Economic Consequences. *American Journal of Chinese Studies*, *15*(2), 93–105. https://www.jstor.org/stable/44288877

Uchino, B. N. (2006). Social support and health: A review of physiological processes potentially underlying links to disease outcomes. In *Journal of Behavioral Medicine* (Vol. 29, Number 4, pp. 377–387). https://doi.org/10.1007/s10865-006-9056-5

UN DESA. (2019a). *World Population Ageing 2019: Highlights*. https://doi.org/10.18356/9df3caed-en

UN DESA. (2019b). *World Population Prospects 2019 Highlights*. https://doi.org/https://doi.org/10.18356/13bf5476-en

UN DESA. (2020). *World Population Ageing 2019*.

UN DESA. (2023). *Leaving No One Behind In An Ageing World*.

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

UNDESA. (2015). *Income Poverty in Old Age: An Emerging Development Priority*. Department of Economic and Social Affairs programme on ageing. https://www.un.org/esa/socdev/ageing/documents/PovertyIssuePaperAgeing.pdf

UNDESA. (2020). *World Population Ageing 2020 Highlights: Living arrangements of older persons.* Population Division.

UNECE. (2017). Older persons in rural and remote areas. In *UNECE Policy Brief on Ageing: No.18*. www.unece.org/pau/welcome.html

UNECE. (2025). *World Economic Outlook, April 2025*. International Monetary Fund. https://doi.org/10.5089/9798400289583.081

UNFPA. (2019). *Feminization of Ageing*.

United Nations. (2022). *World Population Prospects 2022 Summary of Results*.

Van Gameren, E. (2008). Labor Force Participation of Mexican Elderly: The Importance of Health. *Estudios Económicos*, *23*(1), 89–127. https://www.jstor.org/stable/40311539

Verbrugge, L. M., & Jette, A. M. (1994). The Disablement Process. *Social Science & Medicine*, *38*(1), 1–14.

Vo, D. H., Ho, C. M., & Vo, A. T. (2023). The economic circumstances of widows in Vietnam. *PLoS ONE*, *18*(5 May). https://doi.org/10.1371/journal.pone.0285595

Vrhovec, J., & Tajnikar, M. (2016). Population ageing and healthcare demand: The case of Slovenia. *Health Policy*, *120*(11), 1329–1336. https://doi.org/10.1016/j.healthpol.2016.09.007

Wahyuniati, D., & Aqil, H. M. (2023). Analisis Dampak Jaminan Kesehatan Nasional terhadap Kemiskinan Lansia di Indonesia Menggunakan Propensity Score Matching. *Socio Informa*.

Walker, A. (2002). A strategy for active ageing. *International Social Security Review*, *55*, 121–129.

Walker, A. (2018). Why the UK Needs a Social Policy on Ageing. *Journal of Social Policy*, *47*(2), 253–273. https://doi.org/10.1017/S0047279417000320

Ward, M., & Mcgarrigle, C. (2017). The Contribution of Older Adults to their Families and Communities. In *Health and Wellbeing: Active Ageing for Older Adults in Ireland Evidence from The Irish Longitudinal Study on Ageing* (pp. 16–46). tilda.tcd.ie/publications/reports/pdf/w3-key-findings-report/Chapter 2.pdf

Waskito, J., Manajemen, P., Ekonomi, F., & Ums, B. (2014). Faktor-faktor Pendorong Keniatan Pekerja Lansia untuk Melanjutkan Bekerja. In *Jurnal UMS*. https://journals.ums.ac.id/index.php/benefit/article/view/1396

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

WHO. (2002). *Active Ageing: A Policy Framework*. http://www.who.int/hpr/

WHO. (2011). *World Report on Disability 2011*. World Health Organization.

WHO. (2016). *World Report on Ageing and Health*. Inter-Parliamentary Union: World Health Organization.

WHO. (2019). *Decade of Healthy Ageing 2020-2030*.

WHO. (2021). *Global report on ageism*. WHO.

Wibowo, E. F., & Handayani, D. (2024). Asosiasi Jaminan Sosial dengan Partisipasi Kerja Penduduk Lansia di Indonesia (The Association of Social Security with Work Participation of the Older Population in Indonesia). *Jurnal Ekonomi Kependudukan Dan Keluarga*, *1*(1). https://doi.org/10.7454/jekk.v1i1.02

Wood, R. M. (2023). A Review on Education differences in Urban and Rural Areas. *International Research Journal of Educational Research*, *14*(2), 1–3. https://doi.org/10.14303/2141-5161.2023.254

Wooldridge, J. M. (2012). *Introductory Econometrics* (5th edition).

World Bank. (2016). *Live Long and Prosper: Aging in East Asia and Pacific*. Washington, DC. https://doi.org/10.1596/978-1-4648-0469-4

World Bank. (2019). *World Development Report 2019: The Changing Nature of Work*. https://doi.org/10.1596/978-1-4648-1328-3.

World Bank. (2025). *Jobs*. World Bank, Washington, DC. https://doi.org/10.1596/978-1-4648-2295-7

Woźniak, B., Brzyska, M., Piłat, A., & Tobiasz-Adamczyk, B. (2022). Factors Affecting Work Ability and Influencing Early Retirement Decisions of Older Employees: An Attempt to Integrate the Existing Approaches. In *International Journal of Occupational Medicine and Environmental Health* (Vol. 35, Number 5, pp. 509–526). Nofer Institute of Occupational Medicine. https://doi.org/10.13075/ijomeh.1896.01354

Yen, I. H., Michael, Y. L., & Perdue, L. (2009). Neighborhood Environment in Studies of Health of Older Adults. A Systematic Review. In *American Journal of Preventive Medicine* (Vol. 37, Number 5, pp. 455–463). https://doi.org/10.1016/j.amepre.2009.06.022

Young, A. (2013). Inequality, the urban-rural gap, and migration. *Quarterly Journal of Economics*, *128*(4), 1727–1785. https://doi.org/10.1093/qje/qjt025

Zaidi, A. (2015a). *Active Ageing Index 2014 Analytical Report*. https://www.researchgate.net/publication/275348974

UNIVERSITAS
GADJAH MADA
Peran Ekonomi Lansia di Indonesia Menurut Perspektif Mikro dan Makro
Titik Munawaroh, Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.; Dr. Umi Listyaningsih, S.Si., M.Si.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Zaidi, A. (2015b). Creating and using the evidence base: the case of the Active Ageing Index. *Contemporary Social Science*, *10*(2), 148–159. https://doi.org/10.1080/21582041.2015.1056750

Zhang, L., Guo, L., Wu, H., Gong, X., Lv, J., & Yang, Y. (2019). Role of physical performance measures for identifying functional disability among Chinese older adults: Data from the China Health and Retirement longitudinal study. *PLoS ONE*, *14*(4). https://doi.org/10.1371/journal.pone.0215693