

Making the Case for IPS Supported Employment

For most people with a mental illness, employment is part of their recovery.

Most people with serious mental illness want to work. Over 6 of every 10 people with mental illness are interested in competitive employment,¹ but most surveys indicate that 15% or less are employed at any time.²⁻⁴ Up to 85% of people with schizophrenia remain unemployed for a decade or longer after their first hospitalization.⁵ Fortunately, most people *can* work in regular community jobs if provided appropriate help.

Individual Placement and Support (IPS) supported employment is evidence-based.

IPS helps people join the competitive labor market.⁶ IPS is far more effective than any other vocational approach in helping people with mental illness to work competitively.^{1, 7-11} IPS has been found effective for numerous populations in which it has been tried, including people with many different diagnoses, educational levels, and prior work histories;^{8, 12} Social Security disability beneficiaries;¹³ young adults;¹⁴ older adults;¹⁵ veterans with post-traumatic stress disorder^{16, 17} or spinal cord injury;¹⁸ and people with co-occurring mental illness and substance use disorders.¹⁹ Increasingly, IPS is being offered to people with health conditions other than mental health disorders.²⁰ A systematic review assessing racial and ethnic differences in IPS programs found minimal differences in access, retention, or effectiveness. Six controlled trials of IPS found no differences in employment outcomes for Black clients or Hispanic clients compared to non-Hispanic White clients.²¹ IPS has been effective with virtually every group in which it has been tested.

IPS is cost-effective.

Serious mental illness is a leading contributor to the global burden of disease.^{22, 23} Working-age Americans with serious mental illness constitute over one-third of the beneficiaries receiving Social Security disability payments.²⁴ Once on the disability rolls, each year less than 1% of beneficiaries leave the disability rolls to return to work.²⁵⁻²⁷ Because young adults experiencing a first episode of psychosis who gain employment are less likely to become dependent on disability benefits,²⁸⁻³⁰ access to IPS may forestall entry for many into the disability system, resulting in reduced Social Security expenditures.³¹

IPS is an excellent investment, with a cost of about \$6000 per client in 2022 dollars.³²⁻³⁴ IPS is cost-effective over the long term when considering employment earnings, cost of rehabilitation, and mental health treatment costs.³⁵⁻³⁷ Studies have found a reduction in psychiatric hospitalization days and emergency room usage by clients who receive supported employment.³⁸⁻⁴² Receipt of IPS services also may be associated with less involvement in the criminal justice system.⁴³ Service agencies converting their day treatment programs to IPS have reduced service costs by 29%.⁴⁴

Over the long term, clients who return to work reduce their contact with the mental health system. A 10-year follow-up study of clients with co-occurring serious mental illness and substance use disorder found an average annual savings of over \$16,000 per client in treatment costs for steady workers, compared to clients who worked minimally during this time period.⁴⁵

IPS improves long-term well-being.

People who obtain competitive employment through IPS have increased income, improved self-esteem, improved quality of life, and reduced psychiatric symptoms.⁴⁶⁻⁴⁹ Nearly half of all clients who obtain a job with help from IPS become steady workers⁵⁰ and remain competitively employed five years³⁵ and even a decade later^{51, 52} – an employment rate that is quadruple that for clients who receive traditional vocational services.³⁵ A controlled trial of IPS enrolling over 2,000 Social Security Disability Insurance beneficiaries found that IPS participants who gained employment during the two-year study period generally continued to work over the subsequent five-year period. Employment earnings for the IPS group increased during this 5-year follow-up period, with significantly better employment outcomes than in the control group.⁵³

IPS programs have high rates of successful implementation and sustainment.

The IPS model is a common sense, practical intervention that appeals to clinicians, clients, and the general public.⁵⁴ Programs receiving technical assistance ordinarily achieve high-fidelity implementation within one year's time,⁵⁵ and high fidelity correlates with better competitive employment outcomes.⁵⁶ With appropriate training, technical assistance, and supervision, agencies can implement with high fidelity.^{13, 57} IPS has been successfully implemented in both urban and rural communities.^{58, 59} Most IPS programs continue to offer quality services for years as long as adequate infrastructure remains in place.⁶⁰

Most Americans with serious mental illness do not have access to IPS.

As of 2019, IPS had been implemented in over 850 agencies in 42 states in the US, and the rate of growth has been accelerating.⁶¹ The International IPS Learning Community has grown to over 500 programs in 26 states and numerous programs in seven international partners (Canada, France, Italy, the Netherlands, Spain, England and New Zealand).^{62, 63} Despite the benefits of IPS, access is limited or unavailable in many communities. Only 2% of clients with serious mental illness in the U.S. public mental health system receive IPS in any given year.⁶⁴ Wider access to IPS would benefit people with serious mental illness, their families, taxpayers, and the general public.

For more information and resources about IPS:

Contact IPS Employment Center

<https://ipsworks.org>

References

1. Bond GR, Drake RE, Becker DR. An update on Individual Placement and Support. *World Psychiatry* 2020;19:390-391.
2. Lindamer LA, Bailey A, Hawthorne W, Folsom DP, Gilmer TP, Garcia P, Hough RL, Jeste DJ. Gender differences in characteristics and service use of public mental health patients with schizophrenia. *Psychiatric Services* 2003;54:1407-1409.
3. Rosenheck RA, Leslie D, Keefe R, et al. Barriers to employment for people with schizophrenia. *American Journal of Psychiatry* 2006;163:411-417.
4. Salkever DS, Karakus MC, Slade EP, et al. Measures and predictors of community-based employment and earnings of persons with schizophrenia in a multisite study. *Psychiatric Services* 2007;58:315-324.
5. Hakulinen C, Elovainio M, Arffman M, et al. Employment status and personal income before and after onset of a severe mental disorder: a case-control study. *Psychiatric Services* 2020;71:250-255.
6. Drake RE, Bond GR, Becker DR. *Individual Placement and Support: An evidence-based approach to supported employment*. New York: Oxford University Press; 2012.
7. Brinchmann B, Widding-Havneraas T, Modini M, et al. A meta-regression of the impact of policy on the efficacy of Individual Placement and Support. *Acta Psychiatrica Scandinavica* 2020;141:206-220.
8. de Winter L, Couwenbergh C, van Weeghel J, Sanches S, Michon H, Bond GR. Who benefits from Individual Placement and Support? A meta-analysis. *Epidemiology and Psychiatric Sciences* 2022;31:e50.
9. Frederick DE, VanderWeele TJ. Supported employment: Meta-analysis and review of randomized controlled trials of individual placement and support. *PLoS One* 2019;14(2):e0212208.
10. Marshall T, Goldberg RW, Braude L, Dougherty RH, Daniels AS, Ghose SS, George P, Delphin-Rittmon ME. Supported employment: assessing the evidence. *Psychiatric Services* 2014;65:16-23.
11. Modini M, Tan L, Brinchmann B, Wang M, Killackey E, Glozier N, Mykletun A, Harvey SB. Supported employment for people with severe mental illness: A systematic review and meta-analysis of the international evidence. *British Journal of Psychiatry* 2016;209:14-22.
12. Campbell K, Bond GR, Drake RE. Who benefits from supported employment: A meta-analytic study. *Schizophrenia Bulletin* 2011;37:370-380.
13. Drake RE, Frey WD, Bond GR, et al. Assisting Social Security Disability Insurance beneficiaries with schizophrenia, bipolar disorder, or major depression in returning to work. *American Journal of Psychiatry* 2013;170:1433-1441.
14. Bond GR, Al-Abdulmunem M, Marbacher J, Christensen T, Sveinsdottir V, Drake RE. A systematic review and meta-analysis of IPS supported employment for young adults with mental health conditions. *Administration and Policy in Mental Health and Mental Health Services Research* 2023; 50, 160-172. doi:10.1007/s10488-022-01228-9
15. Twamley EW, Vella L, Burton CZ, Becker DR, Bell MD, Jeste DV. The efficacy of supported employment for middle-aged and older people with schizophrenia. *Schizophrenia Research* 2012;135:100-104.
16. Davis LL, Leon AC, Toscano R, Drebing CE, Ward LC, Parker PE, Kashner TM, Drake RE. A randomized controlled trial of supported employment among veterans with posttraumatic stress disorder. *Psychiatric Services* 2012;63:464-470.
17. Davis LL, Kyriakides TC, Suris AM, et al. Effect of evidence-based supported employment vs transitional work on achieving steady work among veterans with posttraumatic stress disorder: a randomized clinical trial. *JAMA Psychiatry* 2018;75:316-324.

18. Ottomanelli L, Goetz LL, Suris A, et al. Effectiveness of supported employment for veterans with spinal cord injuries: results from a randomized multisite study. *Archives of Physical Medicine and Rehabilitation* 2012;93:740-747.
19. Mueser KT, Campbell K, Drake RE. The effectiveness of supported employment in people with dual disorders. *Journal of Dual Disorders* 2011;7:90-102.
20. Bond GR, Drake RE, Pogue JA. Expanding Individual Placement and Support to populations with conditions and disorders other than serious mental illness. *Psychiatric Services* 2019;70:488-498.
21. Bond GR, Mascayano F, Metcalfe JD, Riley J, Drake RE. Access, retention, and effectiveness of Individual Placement and Support in the US: Are there racial or ethnic differences? *Journal of Vocational Rehabilitation* in press.
22. Drake RE, Bond GR, Thornicroft G, Knapp M, Goldman HH. Mental health disability: An international perspective. *Journal of Disability Policy Studies* 2012;23:110-120.
23. World Health Organization. *World Health Report 2001. Mental health: New understanding, new hope*. Geneva: World Health Organization; 2001.
24. Danziger S, Frank RG, Meara E. Mental illness, work, and income support programs. *American Journal of Psychiatry* 2009;166:398-404.
25. Kennedy J, Olney M, Schiro-Geist C. A national profile of SSDI recipients and applicants: implications for early intervention. *Journal of Disability Policy Studies* 2004;5:178-185.
26. Liu S, Stapleton D. How many SSDI beneficiaries leave the rolls for work? More than you might think. *Disability Policy Research Brief* April 2010;10-01:1-4.
27. SSA. 42 USC 1320b-19, Section 2(a)(8). 2009.
28. Cougnard A, Goumilloux R, Monello F, Verdoux H. Time between schizophrenia onset and first request for disability status in France and associated patient characteristics. *Psychiatric Services* 2007;58:1427-1432.
29. Killackey EJ, Jackson HJ, McGorry PD. Vocational intervention in first-episode psychosis: Individual placement and support v. treatment as usual. *British Journal of Psychiatry* 2008;193:114-120.
30. Krupa T, Oyewumi K, Archie S, Lawson JS, Nandlal J, Conrad G. Early intervention services for psychosis and time until application for disability income support: a survival analysis. *Community Mental Health Journal* 2012;48:535-546.
31. Drake RE, Bond GR, Goldman HH, Hogan MF, Karakus M. Individual Placement and Support services boost employment for people with serious mental illness, but funding is lacking. *Health Affairs* 2016;35:1098-1105.
32. Bond GR. Cost-effectiveness of Individual Placement and Support. *ASPIRE Issue Brief* 2022.
33. Latimer E, Bush P, Becker DR, Drake RE, Bond GR. The cost of high-fidelity supported employment programs for people with severe mental illness. *Psychiatric Services* 2004;55:401-406.
34. Salkever DS. Social costs of expanding access to evidence-based supported employment: concepts and interpretive review of evidence. *Psychiatric Services* 2013;64:111-119.
35. Hoffmann H, Jäckel D, Glauser S, Mueser KT, Kupper Z. Long-term effectiveness of supported employment: five-year follow-up of a randomized controlled trial. *American Journal of Psychiatry* 2014;171:1183-1190.
36. Knapp M, Patel A, Curran C, et al. Supported employment: cost-effectiveness across six European sites. *World Psychiatry* 2013;12:60-68.
37. Zheng K, Stern BZ, Wafford QE, Kohli-Lynch CN. Trial-based economic evaluations of supported employment for adults with severe mental illness: A systematic review. *Administration and Policy in Mental Health and Mental Health Services Research* 2022;49:440-452.

38. Burns T, Catty J, White S, et al. The impact of supported employment and working on clinical and social functioning: Results of an international study of Individual Placement and Support. *Schizophrenia Bulletin* 2009;35:949-958.
39. Christensen TN, Kruse M, Hellström L, Eplov LF. Cost-utility and cost-effectiveness of Individual Placement Support and cognitive remediation in people with severe mental illness: Results from a randomised clinical trial. *European Psychiatry* 2021;64:e3.
40. Henry AD, Lucca AM, Banks S, Simon L, Page S. Inpatient hospitalizations and emergency service visits among participants in an Individual Placement and Support (IPS) model program. *Mental Health Services Research* 2004;6:227-237.
41. King County. Treatment effect of supported employment on reducing hospitalizations and incarcerations. *Fact Sheet*, . Vol November. Seattle, WA: King County Department of Community and Human Services; 2015.
42. Salkever DS, Gibbons B, Ran X. Do comprehensive, coordinated, recovery-oriented services alter the pattern of use of treatment services? Mental Health Treatment Study impacts on SSDI beneficiaries' use of inpatient, emergency, and crisis services. *Journal of Behavioral Health Services and Research* 2014;41:434-446.
43. Fan ZJ, Lucenko BA, Estee S, Felver BE, Black C, Mancuso D, Pazolt M. Improving employment outcomes for people with mental health disorders in Washington state. <https://www.dshs.wa.gov/sites/default/files/rda/reports/research-11-230.pdf>. Salem, OR: Washington State Department of Social and Health Services; 2016.
44. Clark RE. Supported employment and managed care: Can they coexist? *Psychiatric Rehabilitation Journal* 1998;22(1):62-68.
45. Bush PW, Drake RE, Xie H, McHugo GJ, Haslett WR. The long-term impact of employment on mental health service use and costs for persons with severe mental illness. *Psychiatric Services* 2009;60:1024-1031.
46. Drake RE, Wallach MA. Employment is a critical mental health intervention. *Epidemiology and Psychiatric Sciences* 2020;29:e178, 171–173. <https://doi.org/10.1017/S2045796020000906>.
47. Gibbons BJ, Salkever DS. Working with a severe mental illness: Estimating the causal effects of employment on mental health status and total mental health costs. *Administration and Policy in Mental Health and Mental Health Services Research* 2019;46:474–487.
48. Luciano AE, Bond GR, Drake RE. Does employment alter the course and outcome of schizophrenia and other severe mental illnesses? A systematic review of longitudinal research. *Schizophrenia Research* 2014;159:312–321.
49. Modini M, Joyce S, Mykletun A, Christensen H, Bryant RA, Mitchell PB, Harvey SB. The mental health benefits of employment: Results of a systematic meta-review. *Australasian Psychiatry* 2016;24:331-336.
50. Bond GR, Kukla M. Is job tenure brief in Individual Placement and Support (IPS) employment programs? *Psychiatric Services* 2011;62:950-953.
51. Becker DR, Whitley R, Bailey EL, Drake RE. Long-term employment trajectories among participants with severe mental illness in supported employment. *Psychiatric Services* 2007;58:922-928.
52. Salyers MP, Becker DR, Drake RE, Torrey WC, Wyzik PF. Ten-year follow-up of clients in a supported employment program. *Psychiatric Services* 2004;55:302-308.
53. Baller J, Blyler C, Bronnikov S, Xie H, Bond GR, Fillion K, Hale T. Long-term follow-up of a randomized trial of supported employment for Social Security disability beneficiaries with mental illness. *Psychiatric Services* 2020;71:243-249.
54. Swanson SJ, Becker DR. *IPS supported employment: 2022 update to The Practical Guide*. New York, NY: IPS Employment Center, Research Foundation for Mental Hygiene; 2022.

55. Bond GR, McHugo GJ, Becker DR, Rapp CA, Whitley R. Fidelity of supported employment: Lessons learned from the National Evidence-Based Practices Project. *Psychiatric Rehabilitation Journal* 2008;31:300-305.
56. Bond GR, Peterson AE, Becker DR, Drake RE. Validation of the revised Individual Placement and Support Fidelity Scale (IPS-25). *Psychiatric Services* 2012;63:758-763.
57. Becker DR, Drake RE, Bond GR. The IPS supported employment learning collaborative. *Psychiatric Rehabilitation Journal* 2014;37:79-85.
58. Haslett WR, Bond GR, Drake RE, Becker DR, McHugo GJ. Individual Placement and Support: Does rurality matter? *American Journal of Psychiatric Rehabilitation* 2011;14:237-244.
59. Luciano AE, Bond GR, Becker DR, Drake RE. Is high fidelity to supported employment equally attainable in small and large communities? *Community Mental Health Journal* 2014;50:46-50.
60. Bond GR, Drake RE, Becker DR, Noel VA. The IPS Learning Community: a longitudinal study of sustainment, quality, and outcome. *Psychiatric Services* 2016;67:864-869.
61. Pogue JA, Bond GR, Drake RE, Becker DR, Logsdon S. Growth of IPS supported employment programs in the US: An update. *Psychiatric Services* 2022;73:533-538.
62. Drake RE. Special Issue: International Implementation of Individual Placement and Support. *Psychiatric Rehabilitation Journal* 2020;43(1):1-82.
63. Drake RE, Becker DR, Bond GR. The growth and sustainment of Individual Placement and Support. *Psychiatric Services* 2020;71:1075-1077.
64. Bruns EJ, Kerns SE, Pullmann MD, Hensley SW, Lutterman T, Hoagwood KE. Research, data, and evidence-based treatment use in state behavioral health systems, 2001-2012. *Psychiatric Services* 2016;67:496-503.