

Transition Youth with Serious Mental Illness

BACKGROUND

The American Psychological Association (APA) is committed to issues impacting individuals with serious mental illness (SMI), including youth in transition from child welfare systems to adulthood. Transition youth with SMI encounter numerous obstacles as they transition from school and child welfare systems to their adult lives. Lack of appropriate transition services can result in substantial direct and indirect costs. The implications of such failure to provide these much needed services could have an adverse impact on the youths, their families, and institutions unprepared and ill-equipped to assist this important population.

FINDINGS

Prevalence & Costs:

- More than three million transition youth have SMI (Stoep et al., 2000)
- Prevalence of SMI is greatest among the population of 18-25 year olds (12%), compared to other adult populations (HHS, 2003)
- Among youth between the ages of 9-17, approximately five to nine percent have serious emotional disturbances (President's New Freedom Commission on Mental Health).
- Schizophrenia is the second largest cause of overall burden of all diseases (i.e. prevalence, long-term impact, lost productivity, cost of treatment) and accounts for one-third of all spending in the US on mental health treatment (approximately 3 percent of all health care spending) (Murray & Lopez, 1996; Samnaliev & Clark, 2008).
- Patients with bipolar disorder use three to four times the health care resources and incur more than four times greater costs than patients without a bipolar disorder (Bryant-Comstock, Stender, & Devercelli, 2002).
- Substantial indirect costs result from family care-giving, criminal justice system, and opportunity costs due to not working by transition youth or their caregivers (Samnaliev & Clark, 2008).
- Family caregivers of youth with SMI are likely to experience problems in health, mental health, and financial cost (Perlick et al., 2007).

Need for Transition Youth Services:

Transition youth with SMI are at a three-fold increased likelihood to become involved with the juvenile justice system, compared to transition youth without SMI (Stoep et al., 2000).

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- Transition youth with SMI are more likely to engage in substance use than are any other age group with SMI (HHS, 2002).
- More than 60 percent of transition youth with SMI do not complete high school, leaving many of these young adults unemployed, unable to benefit from continuing education, and without the skills needed to live independently (Hagner, Cheny, & Malloy, 1999).
- Most adolescents with SMI continue to have these conditions during adulthood, and many adults with psychiatric disorders developed these conditions at the threshold of adulthood (Davis & Hunt, 2005).
- Childhood diagnoses of Conduct Disorder, Oppositional Defiant Disorder, and Attention Deficit/Hyperactivity Disorder are not recognized in the adult system but are often precursors to more severe adult diagnoses (Davis, 2005).
- When transition youth with SMI age out of a social service system (e.g. special education, child welfare, juvenile justice), no other system or agency assumes responsibility for these individuals (Davis & Stoep, 1997).

Lack of Treatment Services:

- Cost of mental health services and dissatisfaction with those services often prevent transition youth from receiving appropriate treatment (HHS, 1999).
- Of 41 states surveyed, one-quarter of child state mental health systems and one-half of adult state mental health systems offered no transition services, and few provided any kind of transition service at more than one site. (Davis, Geller, & Hunt).
- Of 41 states surveyed, less than eight percent of adult systems and 22 percent of child systems offered any single type of transition service in more than one geographic location (Davis, Geller, & Hunt, 2006).
- People with SMI frequently receive inadequate care and have little access to evidence-based practices (Fixsen et al., 2005; Lehman & Steinwachs, 1998; Torrey et al, 2001; Wang et al, 2002).

Consequences of Failing to Act:

- Among young people with schizophrenia who stop taking their medication, more than 70 percent relapse in the first year and more than 90 percent relapse within two years (Gitlin et al., 2001).
- Having a serious mental illness can shorten a person's life by an average of 25 years (Parks et al., 2006).
- People with SMI live less healthy lifestyles, are less likely to be financially secure, are less likely to have access to quality care, have higher rates of chronic illness, and are more vulnerable to homelessness, unemployment, and alcohol consumption (Parks et al., 2006).
- Comorbidity of SMI and substance use disorders is high (Reiger et al., 1991), as is comorbidity of SMI and physical illness (Sokal et al., 2004).

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- ▶ Using drugs or alcohol can nearly double the rate of relapse of schizophrenia (Maslin, 2003).
- Employment rates for people with SMI range from 10-20 percent (Anthony & Blanch, 1987; Pandiani et al., 2004).
- People with SMI often lack close relationships, are not able to play meaningful roles in their communities, and are frequent targets of criminal victimization (Hiday et al., 1999).
- Many people with SMI are poor, live in substandard housing or are homeless (Susser, Struening, & Conover, 1989) or incarcerated (Teplin 1994; Teplin, Abram, & McClelland, 1996).

Success of Treatment Services:

- With optimal treatment, most young people with schizophrenia (up to 90 percent in one study; Edwards et al., 1998) can attain full or significant remission within one year after the first episode (Silverstein & Bellack, 2008).
- The majority of people with SMI can improve their functional status and can over time assume valued social roles such spouse, employee, and student. (Bleuler, 1978; Ciompi, 1980; DeSisto et al., 1995a,b; Harding et al., 1987; Harrow et al., 2005; Huber et al., 1975; Huber et al., 1980;, Jablensky et al., 1992; Ogawa et al., 1987; Sartorious et al., 1977; Tsuang et al., 1979).
- Recovery from SMI is a function of the availability of comprehensive and coordinated psychological interventions (Harding et al., 1987b).
- A core component for recovery from SMI is being able to make choices for one's self and developing the skills needed to make those choices (Anthony & Liberman, 1992).
- Recovery-oriented interventions (i.e. supported employment, supported housing, supported education) are more effective than traditional interventions for people with SMI (Drake & Bellack, 2005; Mueser et al., 2004).
- Integration of psychological interventions with recovery interventions can produce outcomes superior to those from either intervention alone (McGurk et al., 2007).
- Most of the gains in establishing new, effective treatments for SMI have occurred with psychosocial treatment (Corrigan et al., 2008).

RECOMMENDATIONS

The American Psychological Association recommends:

Providing comprehensive mental health and support services to transition youth, including but not limited to services in the areas of education, employment, housing, health, independent living preparation, mental health, psychosocial rehabilitation, substance use, residential treatment, social skills, dual diagnosis treatment, and homeless with mental illness.

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- Providing comprehensive mental health and support services to transition youth which embody evidence-based practices and encourage youth with SMI to actively contribute in managing their own care.
- Promoting the "recovery" concept as the conceptual lynchpin for mental health systems of care and support services for transition youth.
- Encouraging adult mental health systems to specifically address the needs of transition youth who will be entering those systems.
- Encouraging adult and child mental health care systems at the state level to offer transition services in multiple geographic locations.
- Ensuring the integration of serious emotional disturbances (SED) into the understanding of SMI.
- Guaranteeing Medicaid eligibility through age 24 for transition youth with SMI.
- Increasing SAMHSA funding directed at technical assistance and research intended to develop evidencebased services for transition youth with SMI.
- > Providing psychosocial interventions targeting the strains of caregivers for youth with SMI.
- Developing a professionally trained mental and behavioral health workforce to meet the needs of children, transition youth, and adults with SMI.



References

- Anthony, W.A. & Blanch, A. (1987). Supported employment for persons who are psychiatrically disabled: An historical and conceptual perspective. *Psychosocial Rehabilitation Journal*, 11(2), 5-23.
- Anthony, W.A. & Liberman, R.P. (1992). Psychiatric rehabilitation. In R.P. Liberman (Ed.), Handbook of psychiatric rehabilitation (pp. 95-126). New York: MacMillan.
- Bleuler, M. (1978). The schizophrenic disorders: Longterm patient and family studies (trans. S.M. Clemens). New Haven, CT: Yale University Press.
- Bryant-Comstock, L., Stender, M., & Devercelli, G. (2002). Health care utilization and costs among privately insured patients with bipolar I disorder. *Bipolar Disorders* 4(6), 398-405.
- Ciompi, L. (1980). Catamnestic long-term study on the course of life and aging of schizophrenics. *Schizophrenic Bulletin*, *6*, 606-618.
- Corrigan, P.W., Mueser, K.T., Bond, G.R., Drake, R.E., & Solomon, P. (2008). The principles and practice of psychiatric rehabilitation: An empirical approach. New York: Guilford Press.
- Davis, M. (2005). State Efforts to Expand Transition Supports for Young Adults Receiving Adult Public Mental Health Services: Report on a Survey of Members of the Children, Youth and Families Division of the National Association of State Mental Health Program Directors. Prepared for the National Technical Assistance Center for State Mental Health Planning (NTAC). Published online: <u>http://tinyurl.com/39g7ju</u>.
- Davis, M., & Hunt, B. (2005). State Adult Mental Health Systems' Efforts to Address the Needs of Young Adults in Transition to Adulthood. Rockville, MD: U.S. Substance Abuse and Mental Health Services Administration, Center for Mental Health Services.
- Davis M., & Vander Stoep A., (1997). The transition to adulthood for youth who have serious emotional disturbance: Developmental transition and young adult outcomes. *The Journal of Mental Health Administration*, 24(4).
- Davis, M. Geller, J.L., Hunt, B. (2006). Within-state availability of transition-to-adulthood services for youths with serious mental health conditions. *Psychiatric Services* 57(11), 1594-1599.
- DeSisto, M. J., Harding, C.M., McCormick, R.V., Ashikaga, T., & Brooks, G.W. (1995b). The Maine and Vermont three-decade studies of serious mental illness. I. Matched comparison of cross-sectional outcome. *British Journal of Psychiatry*, 167, 331-338.
- DeSisto, M., Harding, C.M., McCormick, R.V., Ashikaga, T., & Brooks, G.W. (1995a). The Maine and Vermont threedecade studies of serious mental illness. II. Longitudinal course comparisons. *British Journal of Psychiatry*, 167, 338-342.
- Drake, R.E. & Bellack, A.S. (2005). Psychiatric rehabilitation. In B.J. Sadock & V.A. Sadock (Eds.). Kaplan & Sadock's Comprehensive Textbook of Psychiatry (pp. 1476-1487). Baltimore: Lippincott, Williams & Wilkins.
- Fixsen, D.L., Naoom, S.F., Blasé, K.A., Friedman, R.M., & Wallace, F. (2005). Implementation research: A synthesis of the literature. Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute.
- Gitlin, M., Nuechterlein, K., Subotnik, K.L., Ventura, J. Mintz, J., Fogelson, D.L., Bartzokis, G., & Aravagiri, M. (2001). Clinical outcome following neuroleptic discontinuation in patients with remitted recent-onset schizophrenia. *American Journal of Psychiatry*, 158, 1835-1842.
- Hagner, D., Cheney, D., & Malloy J., (1999). Career related outcomes of a model transition demonstration for young adults with emotional disturbance, rehabilitation. *Counseling Bulletin*, 42(3).

References (continued)

- Harding, C.M., Brooks, G.W., Ashikaga, T., Strauss, J.S., & Breier, A. (1987). The Vermont longitudinal study of persons with severe mental illness, II: Long-term outcome of subjects who retrospectively met DSM-III criteria for schizophrenia. *American Journal of Psychiatry*, 144, 727-735.
- Harding, C.M., Strauss, J.S., Hafez, H., & Lieberman, P.B. (1987). Work and mental illness: I. Toward an integration of the rehabilitation process. *Journal of Nervous and Mental Disease*, 175(6), 317-326.
- Harrow, M., Grossman, L.S., Jobe, T.H., & Herbener, E.S. (2005). Do patients with schizophrenia ever show periods of recovery? A 15 year multi-follow-up study. *Schizophrenia Bulletin*, *31*, 723-734.
- HHS. (2002). Serious mental illness and its co-occurrence with substance use disorders. Retrieved June 4, 2008, from http://oas.samhsa.gov/CoD/CoD.pdf.
- HHS. (2003). The NHSDA Report: Treatment among adults with serious mental illness. Retrieved June 4, 2008, from http://www.oas.samhsa.gov/2k3/SMIadultTX/SMIadultTX.pdf.
- Hiday, V.A., Swartz, M.S., Swanson, J.W., Borum, R., & Wagner, H.R. (1999). Criminal victimization of persons with severe mental illness. *Psychiatric Services*, 50, 62-68.
- Huber, G., Gross, G., & Schuttler, R. (1975). A long-term follow-up study of schizophrenia: Psychiatric course of illness and prognosis. *Acta Psychiatrica Scandainavica*, *52*, 49-57.
- Huber, G., Gross, G., Schuttler, R., & Linz, M. (1980). Longitudinal studies of schizophrenic patients. *Schizophrenia* Bulletin, 6, 592-605.
- Jablensky, A., Sartorius, N., Ernberg, G., Anker, M., Korten, A., Cooper, J.E., Day, R., & Bertelsen, A. (1992). Schizophrenia: Manifestations, incidence and course in different cultures. A World Health Organization tencountry study. *Psychological Medicine Monograph Supplement*, 20, 1-97.
- Lehman, A.F. & Steinwachs, D.M. (1998). Patterns of usual care for schizophrenia: Initial results from the Schizophrenia Patient Outcomes Research Team (PORT) client survey. *Schizophrenia Bulletin*, 24, 11-20.
- Liberman, R.P., Hilty, D.M., Drake, R.E., & Tsang, H.W.H. (2001). Requirements for multidisciplinary teamwork in psychiatric rehabilitation. *Psychiatric Services*, *52*, 1331-1342.
- Maslin, J. (2003). Substance misuse in psychosis: Contextual issues. In H.L. Graham, A. Copello, M.J. Birchwood, M.J., & K.T. Mueser (Eds.). Substance misuse in psychosis: Approaches to treatment and service delivery (pp. 3-23). West Sussex, England: Wiley.
- McGurk, S.R., Mueser, K.T., Feldman, K., Wolfe, R., & Pascaris, A. (2007). Cognitive training for supported employment: 2-3 year outcomes of a randomized controlled trial. *American Journal of Psychiatry*, 164, 137-141.
- Mueser, K.T., Clark, R.E., Haines, M., Drake, R.E., McHugo, G.J., Bond, G.R., Essock, S.M. Becker, D.R., Wolfe, R., & Swain, K. (2004). The Hartford study of supported employment for persons with severe mental illness. *Journal of Consulting and Clinical Psychology*, 72, 479-490.
- Murray, C.L.J., & Lopez, A.D. (Eds.). (1996). The global burden of disease: A comprehensive assessment of mortality and disability from diseases, injuries, and risk factors in 1990 and projected to 2020. Cambridge, MA: Harvard School of Public Health on behalf of the World Health Organization and the World Bank: Harvard University Press.
- Ogawa, K., Miya, M., Watari, A., Nakazawa, M., Yuasa, S., & Utena, H. (1987). A long-term follow-up study of schizophrenia in Japan, with special reference to the course of social adjustment. *British Journal of Psychiatry*, 151, 758-765.

References (continued)

- Pandiani, J.A., Simon, M.M., Tracy, B.J., & Banks, S.M. (2004). Impact of multi-agency employment services on employment rates. *Community Mental Health Journal*, 40, 333-345.
- Parks, J., Svendsen, D., Singer, P, Foti, M., & Mauer, B. (October 2006). Technical Report: Morbidity and Mortality in People with Serious Mental Illness. National Association of State Mental Health Program Directors, Medical Directors Council.
- Perlick, D.A., Rosenheck, R.A., Miklowitz, D.J., Chessick, C., Wolff, N., Kaczynski, R., Ostacher, M., Patel, J., Desai, R. (2007). Prevalence and correlates of burden among caregivers of patients with bipolar disorder enrolled in the Systematic Treatment Enhancement Program for Bipolar Disorder. STEP-BD Family Experience Collaborative Study Group Bipolar Disorders 9(3), 262-273.
- Perlick, D.A., Rosenheck, R.A., Kaczynski, R., Bingham, S., Collins, J. (2008). Association of symptomatology and cognitive deficits to functional capacity in schizophrenia. *Schizophrenia Research 99*(1-3), 192-199.
- President's New Freedom Commission on Mental Health. Interim Report. (2002). Retrieved June 16, 2008, from http://www.mentalhealthcommission.gov/reports/Interim_Report.htm.
- Regier, D.A., Farmer, M.E., Rae, D.S., Locke, B.Z. Keith, S.J., Judd, L.L., & Goodwin, F.K. (1990). Comorbidity of mental disorders with alcohol and other drug abuse: Results from the Epidemiologic Catchment Area (ECA) study. *Journal of the American Medical Association*, 264, 2511-2518.
- Samnaliev, M. & Clark, R.E. (2008). The economics of schizophrenia. In K.T. Mueser & D.V. Jeste (Eds.), *Clinical Handbook of Schizophrenia* (pp. 507-515). New York: Guilford Press.
- Sartorious, N., Jablensky, A., & Shapiro, R. (1977). Two-year follow-up of the patients included in the WHO international pilot study of schizophrenia. *Psychological Medicine*, 7, 529-541.
- Silverstein, S. M. & Bellack, A.S. (in press 2008). A scientific agenda for the concept of recovery as it applies to schizophrenia. *Clinical Psychology Review*.
- Sokal, J., Messias, E., Dickerson, F.B., Kreyenbuhl, J., Brown, C.H., Goldberg, R.W., & Dixon, L.B. (2004). Comorbidity of medical illnesses among adults with serious mental illness who are receiving community psychiatric services. *Journal of Nervous and Mental Disease*, 192, 421-427.
- Susser, E., Struening, E.L., & Conover, S. (1989). Psychiatric problems in homeless men: Lifetime psychosis, substance use, and current distress in new arrivals at New York City shelters. *Archives of General Psychiatry*, 46, 845-850.
- Teplin L., (1994). Psychiatric and substance abuse disorders among male urban jail detainees. *American Journal of Public Health*, 84, 290-293.
- Teplin, L.A., Abram, K.M., & McClelland, G.M. (1996). Prevalence of psychiatric disorders among incarcerated women. I. Pretrial jail detainees. Archives of General Psychiatry, 53, 505-512.
- Torrey, W.C., Drake, R.E., Dixon, L., Burns, B.J., Flynn, L., Rush, A.J., Clarke, R.E., & Klatzker, D. (2001). Implementing evidence-based practices for persons with severe mental illnesses. *Psychiatric Services*, *52*, 45-55.
- Tsuang, M.T., Woolson, R.F., & Fleming, J.A. (1979). Long-term outcome of major psychoses. I. Schizophrenia and affective disorders compared with psychiatrically symptom-free surgical conditions. *Archives of General Psychiatry*, *36*, 1295-1301.
- U.S. Department of Health and Human Services (1999). Mental Health: A Report of the Surgeon General- Children and Mental Health. Rockville, MD: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Mental Health Services, National Institutes of Health, National Institute of Mental Health.

References (continued)

Vander Stoep A., Beresford S., Weiss N., McKnight B., Cauce M., & Cohen P., (2000). Community-based study of the transition to adulthood for adolescents with psychiatric disorders. *American Journal of Epidemiology*, 152(4), 352-362.

Wang, P.S., Demler, O., & Kessler R.C. (2002). Adequacy of treatment for serious mental illness in the United States. *American Journal of Public Health*, 92, 92-98.