

The Unsolved Challenge of System Reform: The Quality of Frontline Human Services Workers

Introduction

Frontline social service workers are the heart and soul of our nation's publicly funded human services system. This legion of child welfare case managers, probation officers, pre-school teachers and employment specialists are frequently the only connection between vulnerable families and the organized systems of social services designed to help them.

An enormous responsibility is placed in the hands of these workers. They are expected to perform difficult interventions and make skilled judgments that have the power to shift the trajectory of a family's life. A frontline worker's recommendations can determine whether or not a mother is reunited with her children in foster care; whether a youth is returned to detention; or whether a struggling family receives the help to make the transition from welfare to work.

These jobs are hard. They require compassion and skill. Their attendant challenges are not financially rewarded or adequately supported. Indeed, frontline human service work is characterized by low pay, heavy workloads and excessive regulation. Lack of training and poor support cause many to leave the field, and those that do stay are typically motivated by values and a sense of mission that is stronger than the work's disincentives.

We know that the public has high expectations for frontline human services. Workers are charged with handling some of the most troubling contradictions in our society and are expected to compensate for unjust economic distributions, abusive families and inadequate educational systems. This combination of difficult tasks and high expectations has created an untenable situation and it is not surprising that juvenile justice workers may fail to turn around troubled youth, or childcare workers may not adequately help a pre-school-age children reach their developmental potential. By the same token, it is not surprising that the public lacks confidence that a child welfare worker knows how and when to help families in crisis.

Human services delivery is reaching a state of crisis. Frontline jobs are becoming more and more complex while the responsibility placed on workers remains severely out of line with their preparation and baseline abilities. Many are leaving the field while a new generation of college graduates shows little interest in entering the human services sector. Millions of taxpayer dollars are being poured into a compromised system that not only achieves little in the way of real results, but whose interventions often do more harm than good. It is clear that frontline human service jobs are not attracting and keeping the kinds of workers we need, and that regulations, unreasonable expectations and poor management practices mire workers and their clients in a dangerous status quo.

The Annie E. Casey Foundation is committed to helping vulnerable children and their families. We believe that the current state of human service delivery effectively undermines the communities we try to protect and challenges the human service system reform work we have been pursuing for some time. Within Casey's mandate to support vulnerable children, we want to support the systems that are established to help them. Indeed, advocacy and reform for the frontline human services sector constitutes a natural extension of the Foundation's mission.

Casey has been considering this possibility for some time. We know that a host of other organizations play some role in minding these issues and we wished to ascertain where we could fit into an overall policy and reform effort. To these ends, Casey staff spent a year learning as much as we could about the field by reviewing the existing literature and practice regarding frontline human services. We looked for studies that would reveal how many people are engaged in these jobs, the nature and challenges of this difficult and caring work and the attempts that have been made to improve conditions and outcomes.

At the outset of our research, we anticipated that a preliminary scan would give us an overview of the field while revealing pockets of deeper knowledge that could be studied at a later date. What we found, however, was a dearth of good information and scattershot data. We found egregious examples of system dysfunction and waste, even as we uncovered promising strategies and improvements. Yet, significantly, the sources we were able to find offered only small and selective snapshots of a large and unwieldy problem. This finding was a significant factor in persuading Casey of the lack of leadership on this issue and that we were in a position to make significant contributions if it chose to enter the field. With the unanimous support of our Board of Directors, we agreed that frontline human services is an issue we should be addressing, that we will take an active part in this policy area and will work towards reforms that will attract and keep the kinds of workers we need to do these vital jobs.

This paper attempts to outline the findings that led us to this conclusion. In it, we wish to offer the clearest possible picture culled from disparate and incomplete sources. What follows does not purport to be an exhaustive academic study. Rather, our goal was to assemble enough information to understand the issues that compromise frontline services delivery and to frame an informed and actionable agenda. In describing our findings, we hope to persuade others that frontline human services delivery is a policy area in desperate need of attention and to engage partners in taking action with us.

The first section of this paper describes our findings on the demographics of the frontline human service workforces, the numbers of people who hold these jobs and what they do. The second part of the paper discusses the challenges to the workforces and the issues that hold back improvements in service delivery. In the third section, we will outline the promising examples we found of reforms already underway and in the fourth section we will discuss Casey's next steps in addressing this issue and promoting reform.

Two issues have shaped our thinking about how to approach human service reform and deserve to be mentioned at the paper's outset. They will be discussed in greater depth in the sections that follow. The first is the way frontline human service jobs are identified. Millions of people do this caring work, yet they are not viewed as a workforce with the attendant power and recognition that the label "workforce" provides. Casey believes that naming this workforce will be a critical factor in raising its profile and calling attention to its problems. However, although there are many shared problems in human service work, to place all frontline jobs under the same heading could oversimplify the concerns in each sector. Child Welfare, for example, has problems that are different from those in Juvenile Justice. We do not wish to obscure these differences, and in this paper we will refer to frontline human services as a series of "workforces," pointing out the issues that cut across job functions and the problems that seem to be sector specific.

The second issue we wish to call attention to is the problem of making in this complex area. When we undertook our preliminary scan, we hoped to find examples of promising reform attempts. And we did find them. Yet what we found was not one or two useful solutions, but a wide variety of strategies that were working in their own context. We mention this at the paper's outset, because the field of frontline human service delivery is so large and its challenges so overwhelming that policy makers might be inclined to choose or favor a few approaches to implement across the board. As in the issue of "naming" the workforce, such action would only serve to obscure the deeper problems. Casey's research led us to conclude that there is no one "silver bullet" to solve the problems facing these workforces. However, there are many things that have been successful and provide us with positive indications that frontline human services work can be carried out more effectively with positive outcomes that restore public trust in the systems vital to vulnerable children and families.

Part I

Frontline Social Service Workers: Who Are They and What Do They Do?

The shortfalls of frontline human service delivery have been apparent for some time. However, reform has been stymied by the lack of a clear sense of how to approach the problem. Casey believes this lack of clarity is due, in part, to the dearth of solid information about frontline workers and what they do. Without a clear sense of the existing system, it has been hard for reformers to press their case and suggest alternatives. Similarly, it has left policy makers and opinion leaders unfocused and vague about what course of action to take.

As a first step to approaching the challenge of system reform, Casey believed it was necessary to better understand the role played by frontline human services workers. As noted in the introduction, Casey staff spent a year reviewing the existing literature and practices regarding frontline human service work. In this preliminary scan, we hoped – at a minimum – to derive a count of workers in the field and determine the nature of the work they do. This seemingly straightforward task had never previously been undertaken and was difficult 1) because of the wide range of jobs and job titles on the human service frontline and 2) because no tracking system currently counts these workers and can accurately describe their positions and responsibilities.

In the following section, we will describe the workforces we studied and the challenges we faced in gathering data on each of them.

How Many People Hold Frontline Human Service Jobs?

*Casey's survey led us to conservatively estimate the frontline human services workforce at about **7 million***

Our preliminary survey led to a conservative estimate that at least seven million people make up the frontline human services workforce. This survey included Child Welfare Workers, Childcare Workers, Juvenile Justice Workers, Youth Service Workers and Employment and Training Workers. Initially, our survey also included Teachers and Home Health Care Workers. Studying these jobs enabled us to learn more about the broader dynamics of human services work. However, because both areas receive significant attention from other organizations, we narrowed our focus to those human services fields where Casey has the most experience and where, in our judgment, the interactions between workers and families have great consequence.

Child Welfare Workers: Casey looked at social service workers in public and private, nonprofit child welfare agencies, including those who investigate allegations of abuse/neglect. These workers also provide ongoing case management to families, both

those with children in placement and those at risk of placement. Our scan included professional social workers as well as paraprofessionals with titles that include case aide, family advocate, family support worker, and family development specialist.

Childcare Workers: Casey included the following in our definition of the family and childcare workforce: early childhood teachers, teacher aides, and family based childcare workers, whether in formal (licensed) or informal settings.

- Childcare centers include teachers and assistants in public and private, nonprofit and for-profit, childcare, Head Start and pre-kindergarten programs.
- Licensed family child care providers include caregivers responsible for groups of unrelated children in their homes and are subject to state licensing that typically sets health and safety standards, sets the size of programs and, in some cases, the educational requirements of the provider. Whether licensed or unregulated, family childcare providers are self-employed workers who collect fees from parents or state funding sources.
- License-exempt family childcare providers include those that provide care for groups of unrelated children in their homes but are not subject to state licensing. They are typically subject to program size requirements if they receive public funds. Informal care providers, including relatives, are also generally exempt from licensing requirements. Both license-exempt and informal care providers may receive fees from parents or public funds.

We also include in our estimates of the size of this workforce, paid relatives (usually grandparents) caring for children on a regular basis outside the child's home and non-relatives (including friends and neighbors).

Juvenile Justice Workers: Casey studied all those who provide support to youth on the front and back ends of the detention system, case managers working with youth released from detention and staff in residential facilities who provide supervision and care to youth in detention. This workforce is difficult to define; there are many types of jobs in the field and job titles vary greatly. Furthermore, a range of programs run by government and nonprofit and for-profit agencies deploy staff in everything from detention centers to aftercare outreach to prevention programs. The work these staff do, though it goes by various names and operates in different settings, cluster in three areas:

- Aftercare workers provide case management, life skills education and supervision for youth who have been convicted in the juvenile courts, served time, and have been released. In many states, aftercare and probation are interchangeable titles.
- Residential facilities staff work within a facility that houses youth who either have been accused of a crime and are awaiting trial or youth who have been convicted and are serving their sentence. There are different types of detention, depending

on the crime and the state in which the facility is located, but for the most part, workers in juvenile detention centers are responsible for the health and well being of youth in their care, providing general counseling and supervision.

- Probation workers are involved with young people who are at both the front and back ends of the juvenile justice system. About half of all juvenile justice cases are routed through probation. What these frontline workers do includes case management, screening and pre-adjudication investigations for low-risk youth, usually those involved in the system for the first time. On the back end, probation workers supervise youth who are tried for an offense, found guilty and have served time in a juvenile detention center, in addition to young people who plead guilty and are sentenced to probation (as opposed to incarceration or detention).

Youth Service Workers: Casey defined a youth worker as someone engaged in promoting the overall development of school-aged children and youth ages five through 18 in any capacity other than teaching in public or private educational institutions during the regular school day; early child care; and social work/social services. (This is a definition developed by the Academy of Educational Development's Center for Youth Development and Policy Research with a coalition of youth development agencies.) Examples of youth workers are counselors, coaches, recreation workers, and school-based staff who work with youth on a day-to-day basis during non-school hours and also include what the Department of Labor (DOL) tracks as "activity specialists" who are school-affiliated staff such as yearbook advisors and honor society advisors, parks and recreation staff and coaches.

Employment and Training Workers: Casey included eligibility and case workers in income support programs like Temporary Assistance for Needy Families (TANF), Medicaid and Food Stamps and employment and training counselors in welfare programs. The titles and job positions in this workforce are changing as a result of Welfare Reform. The specific problems surrounding these changes are discussed in detail in Section II of this paper.

Table 1, page 7, looks at data on the size of the workforce in each of five fields we studied. The Table summarizes what we know about salaries, turnover, training and preparation, workload and motivation in each of these areas. The table was compiled from data drawn from the Department of Labor (DOL), the DOL's Bureau of Labor Statistics (BLS) Current Population Survey, government administrative records and one-time surveys by professional associations. A more detailed compilation of the data for each of the five workforces studied can be found in Tables 4-7 in Appendix I.

Table 1: A Snapshot of the Human Services Workforce

	Child Welfare	Childcare	Juvenile Justice	Youth Services	Employment & Training
Estimated Number of Frontline Workers	870,000	1.5 million in Center based and Licensed Family Care Providers	300,000	2 million (excluding seasonal workers) 4 million (including part-time workers)	500,000
Estimated Average Salary	- Social Worker (Median) \$30,590 - Paraprofessional (Median) \$21,360	\$6.70/hr	\$30,000	\$21,628	\$30,800
Estimated Average Starting Salary	\$22,000	-----	\$22,000	-----	-----
Estimated Average Turnover	- Public Agencies 20% (Annual) - Private Agencies 40% (Annual)	40%	40-80% (Lower in Non-Profits)	-----	-----
Training/Preparation	- B.A. required - On the Job Training: 3 ½ weeks for protective services - 2 ½ weeks for other jobs	Minimal Requirements	- B.A. required - limited on the job training in safety/security	-----	- Associates or Bachelors Degree - Highly varied local standards
Typical Workloads	- 24 Cases for protective services - 31 Cases for ongoing case management - Caseloads are twice recommended standards	-----	Probation: 41 cases/officer Recommended: 30 cases/officer	-----	See Below
Motivation	Reasons Workers Leave: - heavy workload - low status - low pay - poor supervision Reasons Workers Stay: - sense of mission - good fit with job - investment in relationships - professional standing	Leading Reason for Turnover: Low Pay	Reasons Workers Leave: - inability to impact life chances of youth - long hours - high stress - low pay	-----	Current survey data shows worker dissatisfaction with combined case management and eligibility determination roles under TANF

The Challenges of Gathering Data on the Frontline Human Service Workforces

The appalling lack of data on the human services workforces makes Casey's initial count of a seven million frontline workers a conservative estimate, at best. Currently, there is no tracking system that counts these workers and can tell us what kinds of positions they occupy and what jobs they do. The Department of Labor – through the Current Population Survey and other Bureau of Labor Statistics tracking – does count some human service workers. However, with the exception of teachers and paraprofessionals in schools, none of the occupational categories correspond with publicly funded human service delivery.

This lack of good numbers makes it apparent that the issues facing the frontline workforces are invisible from a data and management perspective. In addition to the lack of data, Casey staff encountered several other problems in counting these workforces. The problems in quantifying a workforce often served to underscore inherent issues challenging the workforce itself. For this reason, we will discuss some of the specific difficulties we encountered in the sectors we studied.

The Department of Labor (DOL) counts social workers two different ways – neither of which can be correlated with the publicly funded delivery of human services.

Child Care: Self-Employed Workers Remain Uncounted

Of all the workforces we looked at, childcare was clearly the leading area where numbers have been skewed by a failure to count self-employed workers. We know that the Department of Labor (DOL) significantly undercounts all fields where there are a substantial number of self-employed workers. However, license-exempt family childcare providers (who are self-employed) comprise a huge portion of this workforce and must be included in the overall picture. DOL does count childcare workers in centers and those working in licensed family childcare homes, but not in a way that corresponds to the jobs frontline staff actually have in practice. As a result, we have no real sense of how many people are doing this work, what roles they have and how the services are performed.

No one has a reliable estimate of the number of unlicensed family childcare providers. These comprise more than 80 percent of the approximately one million family care homes in the US. Further, this workforce that has grown substantially since the passage of TANF legislation.

This lack of reliable data on the childcare workforce stands in sharp contrast to the well-documented benefits of good early-childhood programs.

Early childhood programs can produce large effects on IQ with significant, persistent effects on achievement, grade retention, special education, high school graduation and socialization. These effects are large enough to make meaningful differences in the lives of children from low-income families. (Barnett 43, 1995)

Children with close child/teacher relationships in childcare had better classroom social and thinking skills, language ability and math skills. These benefits last through the second grade. (Peisner-Feinberg, Culkin et al and Peisner-Feinberg and

The national cost of failing to provide at least two years of early childhood education is extremely high – on the order of \$100,000 for each child born into poverty, or \$400 billion for all poor children under five. (Barnett 45, 1995)

Juvenile Justice: Category Crossover Makes Tracking Difficult

Tracking juvenile justice workers is complicated by the many types of jobs and job functions that make up this workforce. The Bureau of Labor Statistics (BLS) tracks adult corrections workers with a single job classification, but juvenile justice workers are counted under several categories that also include workers in other fields. For example, the classification “residential care worker” includes most workers in juvenile detention centers, although it also includes some workers in child welfare residential facilities. Although the cross-over among the BLS categories makes tracking more difficult it is not surprising as many of these workers end up doing similar jobs, or multiple jobs, in the same agencies as youth move between child welfare and juvenile justice programs.

Most juvenile justice workers are hired as frontline workers with little room to advance their careers. Even opportunities to move up the career ladder, when available, raise problems for this workforce. When a promotion takes place, the worker is often promoted to a managerial position within the unit they were originally working in, without additional training in the skills needed for this different role. Poor management and low morale is the predictable result when minimally prepared workers are suddenly supervising others who were very recently their colleagues and peers.

Data sources outside BLS that offer insight into the juvenile justice workforce include a few targeted studies, such as one conducted by the University of Michigan on Midwestern justice programs. Additionally, the Child Welfare League of America intends to expand their annual workforce survey to include compensation and turnover issues among juvenile justice workers employed by their members. Many larger nonprofit programs collect data on staff turnover and demographics within their agency, but few are willing to share their information and risk comparison with other competing

programs. Similarly, one-time surveys, usually sponsored by professional associations, are somewhat unreliable and limited in the range of issues covered.

There is no data source that can tell us how many youth service workers there are in the US, or, for that matter, the number of workers in juvenile justice.

Youth Services: Data is Unreliable and Inaccurate

Youth services is the least documented, least understood, and probably the most varied field we studied. There is no national data set on youth workers, or on youth-serving programs. While several large, national youth-serving organizations collect data on their own programs, much of it is unreliable and often inaccurate. Understanding this field better is made more complicated by substantial mistrust among agencies about sharing program data.

The best data source we found is the “Salaries and Benefits In Youth Development Agencies” study conducted by the National Assembly in 1999. It is the only study to focus specifically on youth development agencies and was motivated by the concerns of National Assembly members, particularly youth serving agencies, about the extent of low compensation among their workforce. With a sample of 1,050 community-based agencies across the US, the study looked at youth service jobs at all levels and categorized them by region and agency size. However, the study contains no data on demographics, training, tenure, and job satisfaction. Further, the data does not permit cross-regional comparison.

As with other workforces we studied, the lack of good information about Youth Workers and what they do stands in sharp contrast to the documented benefits of youth programs.

Students in after school programs show better achievement in math, reading and other subjects. (Posner and Vandell 1994)

For each high-risk youth prevented from adopting a life of crime, experts estimate the country saves between \$1.7 and \$2.3 million. (Newman, Fox, Flynn and Christiansen 2000)

After school programs are associated with better academic achievement and social adjustment than other types of after school care (i.e. mother-care, informal adult supervision and self care. (Posner and Vandell 1994)

Eighth grade students who take care of themselves after school for 11 or more hours a week are twice at risk of substance use as those who did not take care of themselves at all. This relationship held at all levels of socio-economic status, extra curricular activities and source of social influence and stress. (Richardson, Dwyer, McGuigan, Dent, Johnson, Sussman, Brannon and Floy 1)

New York City Housing Projects with Boys and Girls Clubs on site experienced a juvenile arrest rate that was 13% lower than that of similar housing projects without a club. Drug activity was 22% lower in projects with a club. (Schinke, Orlandi and Cole 1992)

After six Beacon Schools opened in one New York City neighborhood, increased vocational counseling and academic opportunities were credited for decreased numbers of juvenile felonies reported to the police. (de Kanter 1997)

Employment & Training: Shifting Regulations Make it Impossible to Define Jobs

Welfare reform has changed the positions and titles for frontline workers. In light of this rapidly shifting picture, we can draw few conclusions about this workforce. Indeed, no data source provides a clear picture of who these workers are. For example, the Department of Labor has five job classifications pertinent to welfare and employment and each includes a wide variety of jobs and work settings. To date, there has been no effort to standardize job functions or positions. There is also no clarity on the best way to organize job functions. There is an extensive though disaggregated training industry that targets welfare workers, but there is no reliable data on how these training programs affect the skills and career advancement of welfare workers.

Several surveys currently in progress are attempting to offer a glimpse of how workers perceive their jobs and, to some extent, how these perceptions affect the services families receive. Two of those studies are multi-year efforts that we expect will tell us more about this workforce. The Rockefeller Institute of Government is studying 11 welfare offices in Georgia, Minnesota, New York and Texas to understand how management practices influence frontline workers and their ability to meet the goals of TANF. The University of Maryland is taking a comprehensive look at that state's welfare-to-work program under TANF and includes surveys of workers and their supervisors as part of their investigation.

Child Welfare/ Social Work: Lack of Consistent Attention to the Workforce Challenges

The child welfare workforce is the most personal of all the sectors we studied and arguably the most pivotal in terms of child outcomes. It is also the fraught with contradictions that contribute to burnout, high turnover and worker cynicism. Child Welfare Workers deal with the some of the most difficult manifestations of economic disadvantage, overwhelmed families and inadequate educational systems. Their successes are hard to measure and their failures are frequently aired on the evening news.

The Department of Labor (DOL) does track social service workers, and this does include many child welfare workers, but a large number people who perform social service functions according to DOL's definition are not employed in publicly funded child welfare services. Beyond the DOL's accounting, there are number of organizations

currently focused on studying the problems of child welfare and encouraging system reform. Some of this effort includes data gathering, but much of the work is focused on compensation and attention to the range of workforce issues is intermittent. Some of the larger organizations studying the challenges to frontline social service workers are listed below:

The National Association of Social Workers (NASW) was funded by the John A. Hartford Foundation to survey their membership and some of the data in this report is based on their findings. (The Hartford Foundation is especially concerned about the future of the social services workforce and its implications for elder care.)

The Child Welfare League of America (CWLA) conducts an annual salary survey of CPS workers. In Fall 2001, CWLA fielded a survey that addresses all workers in their membership (including juvenile justice workers) and expanded data gathering to include vacancy rates, tenure/turnover and compensation.

The Alliance for Children and Families has surveyed their membership – mostly large nonprofit social service agencies -- about compensation and intends to gather additional data, but has no specific plans to do so.

The Chapin Hall Center for Children is fielding a survey for frontline workers in the Edna McConnell Clark Foundation's child protection initiative. Data will include a look at linkages between organization practice, motivation and performance.

Conclusion

The data Casey was able to cobble together in its preliminary scan raised more questions than it answered. It is clear human service workforces are invisible from a data and management perspective. Furthermore, it is apparent that this invisibility has inhibited reform and sustained a dangerous status quo.

Our initial research provided strong proof of the vast numbers of people who perform these difficult and caring jobs. Across the sectors we studied, we found uniformly high expectations and uniformly tough responsibilities. The large numbers and the crosscutting issues we identified led us to see frontline human services as performed by a group of defined workforces that share many of the same qualities, responsibilities and challenges. This is de facto the case, though human service delivery is not defined as an "industry." For example, the New York City Administration of Children's Services employs workers in Child Welfare, Childcare, Youth Services and Juvenile Justice. These workers are employed by the same agency, report within the same management structure and are subject to many of the same policies and regulations. Yet, they are not considered to be workforces that are linked in any meaningful way.

Reform efforts, too, have made not defined human services as an organized sector of the workforce in a manner that calls attention to its size or recognizes the professional nature and public expectations of its work. Casey believes "naming" human services as a

defined industry is vital in order to raise the profile of the human services sector and build support for change. We believe that clearly defining these workforces will require greater understanding of them. To this end, Casey has already begun to extend the work of our preliminary scan. We are underway with a national benchmark survey that will assemble the first comprehensive, data-based national profile of the human services workforces by interviewing 2,000 randomly selected frontline workers in their homes.

This new work will be discussed in greater detail in Part IV of this paper. First, however, we will continue to outline our preliminary findings on the jobs frontline workers do and the problems they face.

Part II

Challenges to the Frontline Social Services Workforce

As noted above, the large numbers of people who hold frontline human services jobs is deeply at odds with how little we know about them and the work they do. Casey's preliminary scan attempted to gather basic information about salary, turnover, training, workloads and the factors that motivate people to do these caring, difficult jobs. The following section offers some of the basic conclusions drawn from this research and discusses the seven key problems we identified that currently challenge workers in the field and that reveal a system dangerously compromised.

1) Social Services Pays Its Workers Less than Any Other Sector That Hires Similarly Qualified People for Similar Jobs

Social services jobs at all levels consistently rank among the five-worst-paying professional jobs for men and women tracked by the US Bureau of Labor Statistics. Indeed, social services pays its workers less than any other sector that hires similarly qualified people for similar jobs. Further, the higher up the career ladder, the worse the comparative pay gets.

Our research further revealed that market demand for human service workers does not produce upward pressure on wages. Publicly funded human services are, by definition, a market created by government and the forces driving compensation are public policy and regulation, not the laws of supply and demand.

Frontline human service workers employed by state and local government and nonprofits make less money – up to 86% less – than similarly qualified workers employed by the Federal government for administrative functions.

In social services, a Human Resources manager can expect to make an average of \$41,000 per year. The same position pays \$69,000 in the federal government for purely administrative work and \$73,000 in the financial services industry.

In real terms, social service earnings went up 6% over the 12 years from 1988 to 2000. In the same period, the wages in security and commodity services went up 23%, and data processing went up 22%, and business services went up 13%.

Government Definition of the Market Inhibits Reform: Case in Point -- Childcare

With a highly unstable low-wage workforce, childcare, perhaps more than any other field Casey studied, presents the clearest example of how low pay compromises quality care and better results for kids. Childcare also presents the clearest solution, as wage increases are clearly linked to reduced turnover, better program quality and better outcomes.

Two forces, however, stand in the way of change. The first is the nature of the market for childcare services: While the cost of improving the quality of childcare is relatively modest – better quality childcare costs an average of 10 percent more than mediocre care -- there is no incentive to do so as consumers are generally unwilling to pay more. This is in part because parents consistently, and vastly, overestimate the quality of care currently provided to their kids.

The second barrier relates to conflicting public policy. On the one hand, the Federal government invests in an extensive array of workforce programs that emphasize the expansion of childcare slots to the exclusion of investments to boost the quality of childcare. This approach has become more widespread since the implementation of new work requirements under TANF and the resulting increased need for childcare assistance among women leaving welfare for work. However, the Department of Health and Human Services also sets policy for early childhood education, and that stresses improvements in childcare quality, emphasizing staff training and other program enhancements while paying little attention to meeting demands for increased supply.

With the government working at cross currents, childcare is left with an acute shortage of workers and a poorly compensated workforce. At the same time, demand for childcare continues to grow. It is estimated that 69 percent of families consist of a single parent or two parents who work full-time; nearly all of them will require some form of childcare. Currently, there are numerous efforts to increase wages indirectly through training for frontline childcare workers. However, there are few instances of efforts to increase

wages directly, or to build career ladders in a field where wages are low even for more highly skilled positions in teaching and administration.

2) High Turnover Results in Negative Impacts on Kids and Families

Frontline work in human services is about relationships. Workers are not interchangeable parts, and a child or family suffers when caseworkers don't know how to help, or when they leave and are replaced by new, inexperienced workers. We know that just staying in their jobs continuously is an essential element of workers' effectiveness. We also know the consequences of high turnover; for example, families with children in foster care are less likely to be reunited in a timely way and children in childcare centers show slower development.

The average annual turnover among childcare teachers working in centers is 40%; this is also the average turnover rate for child welfare workers in private agencies.

At the heart of high quality child care is the nature of interaction between children and care givers. Research shows that children develop best if relationships with their caregivers are warm, supportive, responsive and cognitively stimulating. Stability of care is also important, as it is hard to form sustained relationships if caregivers come and go. (Zaslow 49, 2002)

3) Poor Training and Preparation Means Many Workers Fail To Measure Up

Across all human service workforces, we found that those in frontline jobs are often lower-achieving graduates, who have received little job-related preparation adequate to the task. In addition, most frontline jobs provide little in the way of on-site training or ancillary support. We know that the best-run systems don't produce results if the people who do the work are poorly trained, inexperienced or overwhelmed. Workers have little incentive to stay and develop skills when they are poorly paid and when their supervisors have to spend most of their time overseeing compliance with administrative procedures rather than teaching and supporting their staff.

Undergraduate students who intend to become teachers score among the lowest on the SAT – 964 out of a possible 1600. The national average is 1016.

According to the Educational Testing Service, students taking the GRE to prepare for graduate work in education score worse than students intending to study any other field.

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New teachers who score higher on the SAT are twice as likely to leave

4) Labor Market Trends are not Good

The difficulty in retaining qualified staff will soon be further complicated by an unprecedented wave of Baby Boom retirements from public service predicted for the years ahead. Currently there is no strategy for replacing these workers. Forty percent of social workers (as defined by the Bureau of Labor Statistics) are over the age of forty-five, compared to a third of the US workforce overall. And forty-two percent of the 16 million people working in state and local government in 1999 were eligible for retirement.

Demand for workers is expected to exceed supply. For example, the BLS estimates a 41 % increase in the number of social service jobs 1998-2008 (15 % growth is projected for US industries overall). Part of this reflects the growing number of elderly expected to require care.

1998-2008 BLS projections are for 36% growth in the number of social workers. This is a 3% percent annual growth rate, compared to 1% percent annual growth for the US workforce overall.

According to BLS, social service is one of the fastest growing industries in the US and paraprofessional human service workers are the 9th fastest growing occupational group.

5) The Nation's Best Graduates Do Not See a Future for Themselves in Human Services

There is growing evidence that human services work has become a destination of last choice for talented young people. A telephone survey of liberal arts and social work majors conducted in April 2002 by Princeton Survey Research Associates on behalf of the Brookings Institution's Center for Public Service, revealed that only 21 percent of graduating seniors gave serious consideration to pursuing work in Childcare, Child Welfare, Juvenile Justice, Youth Services and Employment and Training Services. The level of interest was even lower for graduating seniors at the nation's top 100 colleges and universities where only 17 percent of seniors indicated interest in pursuing these jobs. For those students that did express interest in these fields, most perceived these jobs as hard to find and said they expected the entry process to be confusing and slow. Further, most interested graduates indicated that they expected human services to offer rewarding work and the opportunity for professional growth – a demand that cannot be satisfied under the current conditions for frontline human services work.

Asked in a 2000 Harris Poll which careers offer the greatest potential for their children and students, only 11 % of parents and 24 % of high school teachers interviewed said government was the place to go.

The federal government runs dead last as the destination of choice for graduates of the top public policy and administration graduate schools.

Social work school enrollment is down: 7% percent for BA degrees between 1994-8 and down 5% for MSWs during the same period

6) Scant Support and Heavy Workloads Foster a Perception that these Jobs are Not Valued

Frontline human services jobs are hard. The need for good judgment under conditions of uncertainty is emotionally draining for even the most skilled worker. Workers often feel vulnerable and insecure about their responsibility. Indeed, the consequences of a mistake can include irreparable damage to a worker's professional reputation, public humiliation and may result in disciplinary action or firing.

The human services sector as a whole suffers from low public confidence. Anecdotal and survey data suggest that even among public service workers, human service workers are held in particularly low regard. For example, in surveys of child welfare workers leaving their jobs, "not feeling valued" is consistently one of the top three reasons cited for departure. We found high turnover in all these jobs, a factor that is affected by and reinforces negative features of low pay, little opportunity and heavy workloads.

The workload for the average child welfare worker is twice the number of cases recommended by the Child Welfare League of America.

Youth Workers surveyed in a 1999 Indiana Youth Institute study cited lack of respect, recognition and lack of parental support as key frustrations in their work.

7) Excessive Regulation and Lack of Flexibility Cause Workers to Leave the Field

Rule-bound, compliance-oriented jobs create a vicious cycle. On one hand, good workers who want some degree of autonomy will not stay in them. On the other hand, poor staff is subjected to over regulation in a last-ditch effort to manage them. Though regulations are intended to build in accountability and ensure a base level of good practice, they fix the process into a one-size-fits-all intervention, ignore results and are indifferent to high performance. In addition, such regulation constricts flexibility and inhibits opportunity for professional recognition and career advancement.

Excessive regulation, particularly in the fields of child welfare, juvenile justice and income maintenance is a consistent feature of work life and routinely cited as a leading reason why workers leave their jobs.

The regulations governing practice in child welfare, juvenile justice and income maintenance in New York State is the equivalent length of five volumes of War and Peace.

A survey of employment and training workers in Michigan's welfare-to-work agency found that 70 % of a worker's time is spent on paperwork.

Over Regulation Confuses and Discourages Workers: Case in Point – Welfare Reform

The passage of welfare reform legislation raises a unique set of issues for the Employment and Training Workforce and for welfare workers in particular. These issues will be discussed in detail here, as they highlight some of the general problems that government reforms pose for the human service workforces and because welfare reform underscores the vital role that frontline workers will play in this reform. Indeed, it is not a stretch to say that the success of welfare reform depends heavily on the frontline workers who manage and deliver these new services, how they interpret their new jobs and how well they do these jobs.

The Temporary Assistance for Needy Families (TANF) program has re-defined the frontline work that previously characterized the income maintenance/eligibility benefits determination job. Once limited to impersonal clerical functions, frontline case workers are now expected to be experts in self-sufficiency and social work: to engage in a more personalized conversation about client's lives, to plan services leading to and supporting employment, to find employment and to monitor the client's performance -- all while continuing with their former responsibilities for determining eligibility for TANF, Medicaid and food stamps.

Reflecting the expanded nature of these jobs, most welfare agencies have changed the titles of their frontline workers from terms like "eligibility specialist" to the more encompassing and professional-sounding "case manager." However, workers have been given little guidance as to what these new titles really mean. Even as states are adding responsibilities to the frontline welfare worker's job, they have done little to prepare their frontline workers with the kinds of skills needed to foster this self-sufficiency. The result is a workforce that feels unprepared, overwhelmed and reluctant to get involved in clients' personal problems.

Further complicating matters, the public agencies do not have clarity on job priorities. For example, formal accountability in eligibility determination and low error rates are still key fiscal issues (as the Federal government still sanctions states for mistakes). Thus, frontline workers devote considerable time -- and report considerable pressure from management -- to collect and verify the documents necessary for clients' receipt of benefits. This stands in contrast to new policy pressures on states (and workers) to show results in the form of clients placed in jobs and off welfare.

One study of 11 welfare offices under TANF led by the Rockefeller Institute of Government found that workers were uniformly unhappy with the expanded roles and expectations. Another study of Maryland welfare offices observed that many welfare workers took the job because they were attracted to the rule and paper-oriented nature of eligibility work and find it difficult to take on the counseling and coaching roles now expected of them.

It is unclear what impact such confusion and lack of preparation will have on kids and families. We do know that workers' confusion about role and what matters most to their superiors – eligibility determinations with few mistakes or getting clients into jobs – results in widely varied frontline practice, from the nature and length of client assessments, to the information and help clients receive, to how workers spend their time.

The study of Maryland welfare offices found that the length of a client's assessment varied from five minutes to an entire day; clearly suggesting some were primarily about eligibility for benefits while others were a more comprehensive discussion of client strengths and needs. The 11-site Rockefeller study found that welfare workers rarely mentioned basic elements of the TANF package, such as the fact that states ignore part of earnings when calculating benefits, a key work incentive, or the Earned Income Tax Credit (EITC). When they do explain these policies, workers usually failed to describe them fully or accurately. A recent study by the Manpower Demonstration Research Corporation (MDRC) confirmed this pattern in the failure of workers to describe Food Stamp and Medicaid benefits available to families after leaving welfare.

These problems are not isolated to a few overwhelmed and disorganized welfare offices – a recent survey by the Urban Institute found that only 40 percent of eligible families leaving welfare continued to receive Food Stamps. In summary, while the effects of welfare reform are still unclear, the expanded responsibilities, lack of preparation and confusion about priorities will likely impair the welfare workforce's ability to meet the new requirements of their jobs and will compromise the services received by vulnerable children and their families.

Conclusion

Our preliminary survey of frontline human service workforces revealed a host of problems and challenges. The most prevalent have been discussed above, and there are many more that warrant examination. However, our aim in this paper was not to document the problems exhaustively but to identify the most chronically cited issues. It is these issues that we will look at most closely in the benchmark survey and other explorations now underway. This examination of focused and cross cutting problems has, to our knowledge, never been undertaken before, and we believe that this approach will help us to both clarify the problems and find examples of places where efforts are being made to address them. To this end, we have identified eight fundamental problems that cripple all human service workforces.

- 1) Nonprofit, government and for-profit employers cannot find sufficient numbers of quality staff
- 2) When they do, too many of those workers do not stay
- 3) Workers are paid less than those in other jobs at comparable levels
- 4) There is limited opportunity for professional growth and advancement
- 5) Workers receive poor supervision, and little guidance or support

- 6) Rule-bound jobs leave little latitude for discretion and drive out the most entrepreneurial workers
- 7) The education and training these workers receive do not match the role and demands actually required by the jobs they hold
- 8) Workers receive no reward for skills or extra effort

Part III

How to Improve Frontline Human Services Delivery

Despite the lack of good statistical data about frontline workforces and the significant problems that compromise delivery, Casey's preliminary study yielded many positive examples of "best practices" that attempt to address the shortfalls and bring about reform. Of particular interest to us were the strategies that produce the attributes of a service system that can get and keep the kinds of workers we need. To these ends, we found two recurring themes in our research. The first is that a stable, motivated and prepared workforce achieves better outcomes. The second is that workers identify issues of support, respect, training and respite as critical factors in job satisfaction. In some cases, these factors are placed ahead of or on par with increased compensation.

In the following section, we discuss these basic conclusions as well as leading strategies, specific approaches, and examples of demonstrated success that give us confidence that change is possible and, in many cases, already underway.

Basic Conclusions

At the outset of our research, we believed, intuitively, that families achieve better outcomes when assisted by a frontline workforce that is stable, motivated, prepared and supported. While we were initially uncertain that our research would bear this out, we were pleased to find examples in several workforce sectors that attest to this assumption.

Child Welfare: Two studies suggest that both organizational climate and working conditions for frontline staff make a difference for clients. Specifically, organizations that provided frontline workers with supportive supervision and manageable caseloads reunited more families. Additionally, frontline workers who had clear roles, the authority to make decisions and the flexibility to use their judgment, had caseloads with significantly higher functioning children.

Child welfare workers report higher rates of family reunification and higher levels of child functioning in organizations providing wider latitude for discretionary judgment and greater supervisory support.

A US General Accounting Office study of privatization in child support enforcement found all the difference in performance between public and for-profit providers is explained by pay-for-performance practices and the discretion to fire bad managers – both of which improve results.

Other studies indicated that child welfare workers are often motivated by a sense of personal mission and the desire to help kids. For these self-motivated workers, basic job support and recognition make a significant difference in job satisfaction. Stress and burnout were alleviated when workplaces set realistic performance expectations, provided professional development opportunities, flexible schedules, respite, and part time or job sharing schedules.

Childcare: Several studies over time have documented that better compensation reduces turnover among childcare workers. Further, the very fact of greater stability among early childhood teachers produces higher levels of social and cognitive functioning among children in their care. This means that simply being able to retain the same teachers, with all their strengths and limitations, benefits kids.

There is also evidence that program quality (for which there is a widely shared generic definition) contributes to higher levels of child functioning. Two factors have been documented to produce program quality in childcare and both have to do with the characteristics of childcare workers. The first and most important is the presence of enthusiastic and motivated professionals. The second is the presence of professionals trained in early childhood education.¹

Several rigorous surveys and analyses conducted over the years by the Center for the Childcare Workforce, the University of Denver, the University of California at Berkeley and others have provided a richer picture of workforce issues and have served to focus attention on the crucial link between compensation, quality and child outcomes.

Better quality childcare costs an average of 10 percent more than mediocre care (Helburn, et al 1995)

*

Centers that pay higher wages attract better quality teaching staff. For teaching staff that has no college education, a higher wage rate has been associated with higher quality. A \$1 hourly increase in wages for these staff brought about a significant increase in quality of care. (Roditti 294, 2000)

¹ Despite the documented benefits of improved quality, one study of childcare centers found that seven in ten provided mediocre care, and one in eight threatened the health and safety of kids.

Juvenile Justice

Long hours, high stress and low pay all contribute to high turnover and burnout among frontline juvenile justice workers. Further, most workers report wanting to effectively assist youth but lacking the skills or resources necessary to do so. This felt inability to “make a difference” is a leading cause of low motivation, as well as high turnover.

A variety of strategies have been used to keep good staff and combat worker burnout, especially among nonprofit juvenile justice programs. Interestingly, the majority of efforts do not seek to improve working conditions or the worker, but provide opportunity for staff to get away from their jobs for a while, as most initiatives revolve around allowances for sabbatical or other leave. Scattered other programs offer performance-based salary bonuses, tuition reimbursement and training. However, we know of no data on the effectiveness of any of these approaches for enhancing recruitment, reducing turnover, improving program quality or benefiting youth.

Youth Services

While we found no specific evidence of reforms that yielded workplace improvements in the Youth Services sector, one survey of youth workers indicated that the professional tools and career incentives would make a great difference in job satisfaction. Workers expressed a need for better salaries and benefits, but also for more opportunities for professional growth, improved public understanding of youth services, increased parental involvement, continuing education, better training and more interaction with colleagues in other agencies to reduce a sense of isolation suffered by many in the field. Overall, these workers said they wanted support systems that would enable them to work better and more efficiently instead of harder and longer.

The survey further stressed the importance of support, recognition and appreciation for youth services work. Workers reported that parents and others in their community did not understand the positive and preventive value of youth development and often treated them more like babysitters than professionals.

Leading Strategies

From our survey of frontline workforces we concluded that currently deployed strategies for change tend to cluster in three areas:

1) Rewarding incumbent workers. This includes enhancing compensation (sometimes through performance-based mechanisms), increasing worker recognition and status, offering career opportunities and providing flexible work schedules that help balance work and family obligations. Flexible schedules are a leading concern for caseworkers whose clients may require their attention at any hour of the day or night.

2) Offering managers the discretion to create a mission-driven organization. Changes in organizational structure and outlook are as important as those changes that address individual worker needs. Here, successful strategies include creating a sense of belonging to an organization with a commonly held mission, forming clear goals, and offering workers greater latitude and discretion in achieving these goals.

3) Increasing the ease and appeal of hiring. Human services hiring practices are typically described as confusing and slow. Improvement strategies include deploying faster, friendlier and more efficient approaches and creating a more selective, higher status recruitment program to attract a higher quality worker

Specific Approaches

Many jurisdictions offered us examples of approaches that were being successfully used. The approaches being used with greatest frequency are described below.

1) Broadbanding civil service titles. This collapses narrow job classifications into job categories that encompass a wider range of pay options and allows an agency to provide merit raises without promotion to a new title

In South Carolina, the State government collapsed 2200 job classifications into 500, allowing managers to recognize and reward quality without promoting workers out of the jobs they are good at.

In Wisconsin, 95% of managers in State government say broadbanding has improved the State's ability to recruit and retain qualified staff

2) Pay differentials for on-call work, longevity or merit

Hamilton County, Ohio implemented a pay-for-performance program in 1995. Each program office can distribute funds on a discretionary basis depending on employee evaluations. Since 1998, pay-for-performance has been retained in every renegotiated union contract, a sign that both labor and management are satisfied with the program.

3) Flex-time or swing shifts that lets workers better accommodate family life

Ventura County, California recruits clerical staff from the ranks of county government clerks, receptionists and community workers. The County offers free training, flexible work schedules and education benefits to those who commit to become social workers (including protective services work). The County has managed to fill all its vacancies (probably unprecedented in the State) and have found that staff recruited this way stay longer.

4) Career advancement by adding new rungs to job ladders that recognize seniority and performance

Los Angeles County's HR Department analyzed turnover data to create a 5-year forecasting plan that focuses on retention, employee development and recruitment. Central HR works with individual departments to develop and implement practices to address unique retention, development or recruitment issues.

5) Linking increased compensation to increased training

In Montgomery County, MD, employees of all types earn CPU's and engage in other forms of professional development. A full time training coordinator arranges the classes, many of which are offered pro bono. Recent offerings included courses on child visitation procedures, certification in aging, stress management, the operation of the county homeless shelter, working with diverse client groups, drug intervention during pregnancy and personal safety among child abuse caseworkers.

6) Flexibility to hire and keep only the best staff

As an alternative to the "rule of three," whereby civil service systems force managers to hire one of the three top-scoring applicants for an open position, Massachusetts uses zone scoring, which allows managers to hire any candidate who achieves a grade within a specified range.

7) More timely hiring by limiting or eliminating civil service testing, creating online job applications, weekly announcements of openings and five-day windows for job applications

In Michigan, the Family Independence Agency restructured its hiring process and created a hiring pool that is administered centrally for FIA business offices in each county. Before this centralization, it took a minimum of 4 months to hire and train replacements. Now, FIA can fill vacancies almost immediately.

Kansas has virtually eliminated civil service testing as a means for screening applicants

Demonstrated Success in Specific Sectors

Several human service fields report that implementation of the approaches described above has led to reduced turnover and better outcomes.

Child Welfare: Child welfare managers report that the use of flex-time and swing shifts boosts worker morale and helps them address one of the leading reasons child welfare workers give for wanting to quit – the difficulty of balancing work and family. A variety of salary enhancements and career ladder initiatives have also helped stem turnover.

One-third of private, nonprofit child welfare agencies reported in a survey that salary enhancements – via broadbanding, pay differentials for on-call work, longevity pay and raises – reduced staff turnover

New York City's Administration for Children's Services cut turnover among their protective services workers from 50% to 30% through the creation of a new title series that provided opportunity for career advancement and a way to reward performance.

Child Care: Evidence from the field of childcare clearly points to low wages as the leading problem in staff turnover and program quality. Further, we noted above that increased compensation for all frontline workers reduces turnover and correlates with better results for kids. Program quality is also linked to better child outcomes. Here, we found that one of the most powerful influences on program quality is staff trained in early childhood education.

Workforce improvement strategies that work in childcare are focused on increasing compensation and rewarding additional training. For example, Federal salary pass-throughs in Head Start and the Child Development Block Grant earmark funds specifically for teacher salary increases – a strategy found to reduce turnover that, in turn, improves child outcomes. Other strategies include unionization drives (in Seattle and Philadelphia); health insurance coverage for workers (Rhode Island); and worker cooperatives, where staff share in revenue gains (Philadelphia). No organization monitors, tracks or promotes these scattered but promising efforts.

The US Department of Defense (DOD) delivers the largest and best childcare program in the country. While DOD benefits from a “captive” labor market of military spouses, its success is also clearly linked to the fact that DOD treats teachers like soldiers, giving them the training and equipment they need:

- All frontline staff are required to complete an 18-month training and certification program.
- 75% of DOD’s childcare centers are certified, compared to 7% nationally.
- Childcare services are heavily subsidized; the average cost to a family is \$3400.

Employment & Training: The employment and training field is cluttered with a variety of programs designed to prepare welfare workers and other employment specialists to do their jobs. The Federal government alone sponsors five such programs; there are a half dozen high caliber programs at universities and another five extensive efforts sponsored by professional associations. We have no evidence suggesting the effectiveness, or lack thereof, of any of these programs.

The changes in welfare office priorities have been so recent that there is little information on efforts to improve how frontline workers do their new job. The various ways in which states opt to implement these new responsibilities does offer some natural experiments in better ways to organize this work. Two findings emerge: 1) lowering or limiting workers’ caseloads serves both to reduce error rates and provide time for workers to address the eligibility and self-sufficiency dimensions of their work with clients; and 2) defining specialized roles for frontline staff, rather than more extensive ones, makes for a more motivated workforce that makes fewer mistakes.

Youth Services: Although we know little about youth workers and what makes them effective, several national organizations are active in program development and staff training, as well as influencing policy around program financing. These include the Center for Youth Development and Policy Research at the Academy for Educational Development, the National Institute on Out-of-School Time, The Forum, led by Karen Pittman, and the National Assembly. In addition, some of the largest nonprofit service providers in the country, such as Boys and Girls Clubs of America and Big Brothers/Big Sisters, are primarily youth-serving organizations. Funders who have a history of investment in youth services include the Mott Foundation and the DeWitt Wallace-Readers Digest Funds.

Overall, our study of relevant innovations in public systems has thus far identified 148 city, county or state-run service delivery agencies that reportedly deploy one or more of

the changes we have identified to build a better workforce. Many jurisdictions deploy more than one of the practices we studied. The number of unique jurisdictions, excluding those listed in more than one category, is eighty. Twenty-two of these efforts include human service agencies in at least one of the innovative practices reported.

Table 2, page 28, summarizes the preliminary list of sites we found and the broad categories of management strategies being deployed at those sites. This list reflects the findings of Casey's preliminary scan. As we prepare this paper, we have already identified more sites and uncovered more promising practices and will be at liberty to offer them as examples in the Fall of 2002.

Table 2: A Preliminary List of Public Systems with Promising Practices

Management Strategy	Location
Faster Hiring	<u>States:</u> Alabama; Iowa; Massachusetts; Minnesota; New York; South Carolina; Virginia; Wisconsin <u>Counties/Cities:</u> 20
Broadbanding (flexible compensation and staff deployment)	<u>States:</u> Idaho; Massachusetts; Oklahoma; South Carolina; West Virginia; Wyoming <u>Counties/Cities:</u> 8
Performance Management (clear expectations, measurable objectives)	<u>States:</u> Washington <u>Counties/Cities:</u> 7
Training and Professional Development	<u>States:</u> Rhode Island; Iowa; Massachusetts; Oklahoma; Virginia <u>Counties/Cities:</u> 17
Quality of Work Life Improvements	<u>States:</u> Connecticut; Kansas; Wisconsin <u>Counties/Cities:</u> 25
Workforce Planning (anticipating and responding to staff shortages)	<u>States:</u> Kansas <u>Counties/Cities:</u> 10
Compensation (including pay-for-performance)	<u>States:</u> Alaska; Colorado; Florida; Georgia; Idaho; Indiana; Iowa; Maryland; Montana; Oklahoma <u>Counties/Cities:</u> 18

Conclusion

Casey’s preliminary scan revealed several strategies and approaches for recruiting and keeping good frontline workers. We find it notable that although some of these approaches fall into clear categories, no one strategy stands out and none purport to offer a single “silver bullet” solution. Indeed, the problem of frontline human service delivery needs to be approached in multiple ways, with strategies geared towards the needs and dynamics of the various frontline workforces discussed above. While this broad-based

approach may seem daunting, Casey believes the opportunity such an approach offers significantly outweighs its attendant challenges. Different approaches mean that different organizations, with different areas of expertise, can work together on the problem. Furthermore, a broad number of stakeholders will serve to widen the potential political base for reform and encourage bipartisan appeal for measures implemented. To give just one example attesting to this possibility, a Hamilton County, Ohio's pay-for-performance program (mentioned on page. 24) that bases raises on merit and achievement might traditionally have been identified as a conservative approach. However, in the last four years that it has been implemented, pay-for-performance has been retained in every union contract renegotiation cycle. This is a sign that both labor and management are satisfied with the program. It also means that the program is likely to continue to be in place long enough to show whether such strategies yield measurable improvements. Casey views such examples as encouraging our belief that we will be able to galvanize broad support for frontline workforce reform.

Going forward, Casey's human services workforce agenda will look closely at the following eight workplace improvement strategies. These eight strategies are ones that surfaced frequently in our preliminary research as producing system attributes that have a real chance of recruiting and holding quality frontline workers.

- 1) **Flexibility** and freedom to recruit for the skills needed by the work to be done
- 2) **Training and development** opportunities on the job
- 3) **Reasonable workloads** that let workers deploy their skills
- 4) **Career paths** that build on workers' skills rather than moving them "up and out"
- 5) **Adequate base compensation** that can help stem turnover
- 6) **Clear performance expectations** that relate to a coherent organizational mission
- 7) **Rewards for superior performance** and effectiveness
- 8) **Ability to change bad management** and supervision

Part IV

Casey's Role in Frontline Workforce Reform

Casey's initial research revealed the lack of hard data on frontline human service workers and underscored the importance of such data to effectively define these workforces and call attention to their problems. The information we were able to gather has provided a general picture of the factors inhibiting good service delivery and a preliminary sense of the "best practices" that have been effective in improving both delivery and outcomes.

However, in order to bring about real and widespread change to frontline human service workforces, it will be necessary to extend our general and preliminary understanding and gather the kind of quantifiable yet nuanced data that is the cornerstone of sound public policy. Casey's next step in addressing the challenges facing frontline human service delivery will be: 1) to gather the data that will better define these workforces; 2) to raise

the profile of this issue; 3) to promote confidence in the possibility of change; and 4) to generate momentum for policy reform and practical implementation.

Further Data Gathering

A Better Definition of the Human Service Workforces

The centerpiece of our work going forward is a national benchmark survey of frontline human services workers to thoroughly assess the state of the profession and identify critical factors that can be used for ongoing tracking. This includes as full a count as possible of workers as well as qualitative data on the jobs they do and challenges they face.

As part of this survey, Casey is generating data on workforce demographics that address six areas of primary concern:

- motivations for joining or staying in the profession
- job satisfaction/organizational trust/compensation
- personal work histories/intentions to stay or leave
- workload pressures/perspectives on families and kids served
- other working conditions/access to resources/information/training
- views of past and potential reform

Some of the key questions we will ask include: What motivates people to do this work? For those who stay, what factors keep them in their jobs? How can systems improve their effectiveness by increasing continuity and tenure at the frontlines? How can the role of supervisors and managers be changed to break the cycle of over regulation that inhibits worker autonomy? What kinds of training, salaries, benefits and working conditions are needed to attract and retain strong front line workers and supervisors? What are the successful elements of skill based training? And how can supervisors' roles be strengthened to ensure that they have the skills and the time to coach their staff for stronger practice?

This survey is currently underway and we expect to have data from it available in the Fall of 2002.

Understanding Career Choices and Worker Retention on the Frontline

To better understand what draws people to this work, why they stay and what makes them leave, we will track workers' paths into and out of the profession by identifying workers who have left human services work. In addition, we will interview those who currently hold frontline jobs.

A survey of graduating college students who have expressed interest in public service will allow us to assess the inclination toward this work among the current generation of

students. Further, interviewing honors students will give us a sense of whether the best among the nation's graduates see a future for themselves in human services.

We know that human services is fighting a talent war that it cannot win without significant changes in how it recruits, develops and rewards its workforces. We will study issues of hiring and volunteering to expose students to potential careers and will look at new hires expectations in terms of job satisfaction, professional opportunities and compensation.

We expect that we will need to disaggregate national data to understand local or regional variation in workforce dynamics and its implications for our agenda. For example, we anticipate finding significant differences across the country in how these labor markets function, whom they attract, what keeps workers at these jobs, and what causes them to leave.

This work will be released in the Fall of 2002.

Identifying Best Practices and the Reform Efforts We Should Support

In addition to closely studying frontline human service working conditions, we will expand our preliminary study of practices that are yielding improvements. Our initial findings about promising practice led us to conclude that: 1) change is possible and, in some places, already underway; and 2) that particular policies and management strategies can make a difference. This means we know that the search for solutions is worthwhile and that we have a good sense of what to look for going forward.

However, what we don't know yet know is the full range of best practices Casey should be promoting and supporting. Further, we don't know where those practices are being deployed, their impact, and what it takes to expand or adapt them to other systems and jurisdictions.

To answer these questions, Casey will cast a wide net and look at diverse employment sectors to learn how they use the promising strategies we've identified (as well as others) to recruit and hold quality line workers. The sectors we are studying are public service delivery systems in the human services and other fields, private companies, and nonprofit organizations.

Lessons from the Public Sector

In this research, we intend to probe deeper to learn more about five issues:

- how innovating jurisdictions or organizations developed and successfully implemented change
- the impact of these innovations on line staff, supervisors, clients, stakeholders, and other measures of effectiveness and efficiency

- the factors that will both assist and impede human service systems from adapting exemplary practices
- the feasibility of adapting and institutionalizing these innovations in human service systems
- strategies to support the adaptation of these practices in human service systems

Lessons from the Private Sector

Our preliminary research in the private sector has revealed that workplace environment factors such as good management, recognition, career ladders, staff development and mutual respect are the leading reasons employees cite for staying in a position. Going forward, we anticipate learning more from textured case studies of a few individual companies with relevant experience. This will help us to identify a full range of corporate practice for purposes of replication in the public sector.

While private companies do not face the same challenges as government when it comes to faster and more flexible hiring, compensation and recognition of performance, we have identified some corporations that seem to tackle the challenges of staff motivation, retention, and professional development in ways that are instructive to human services. We are scanning for other examples from which we can learn. A preliminary list of the companies we are studying can be found in Appendix 2.

Raising the Profile of the Frontline Human Service Workforces

Although we are still at a relatively early stage in our study of the human service workforces, we believe it is important to use the knowledge that has been gathered to promote support for our agenda. We see three strands in our efforts going forward:

- Building awareness of the problem
- Demonstrating the possibility of change
- Investing in and promoting reform

Building Awareness of the Problem

Casey has already begun to build awareness among policy groups and organizations that share our concerns. We have also approached policy advocates and journalists to help disseminate the data we are in the process of gathering.

A more significant public awareness strategy we are considering is the formation (after 2002) of a national commission on frontline human service workforce improvement. We have seen national commissions effectively used to generate new policy ideas, to educate the public, to build popular support for programs and to mobilize constituencies to take action around an issue. While all of these objectives are of interest to us, Casey's primary

goal in sponsoring a commission would be to advance an actionable agenda of policy recommendations that realistically address the challenges of human service workforces and initiate a process of reform that is long overdue.

In considering the option of forming a national commission, Casey informally studied national policy commissions to gain a sense of the circumstances under which they are most effective. In brief, we learned that timing and focus are critical success factors. We learned that there are two points in a “policy cycle” in which a commission is probably most useful: 1) when an issue is not yet on the public agenda; and 2) when a policy issue has been derailed by conflicting positions on how to resolve it and leadership is required. Currently, the challenges facing frontline human service workforces is decidedly not an issue on the public agenda, making this a potentially optimal time to use a commission to develop policy.

On the other hand, we note that the most successful commissions were ones that have been able to frame four or five clear policy recommendations. While we believe that our short list of such recommendations will become clear, we do not yet have enough information on the human services workforces to frame the kind of focused and data-based policies that will have broad implementation and lasting effect. Casey’s national survey and explorations of ion-the-ground best practices are critical in assembling this kind of data. As this work progresses we will continue to evaluate the utility of a commission to further our goals of awareness building and policy making.

Our research on national policy commissions has enabled us to assemble a first-ever best practice “how-to” guide for managing and deploying successful policy commissions, which is available on Casey’s website. If Casey chooses to invest in a national commission, we believe the work we have done studying commissions will position us to be an effective sponsor of such an effort.

Demonstrating the Possibility of Change

To make any progress with our reform efforts, Casey must convince decision makers and the public at large that reform is indeed possible. The research we have conducted to identify best practices has already assembled numerous examples of initiatives that demonstrate such possibility. As a next step, we intend to invest in places that are actively resolving workforce challenges. To do this we will selectively support, publicize, and evaluate efforts to implement management strategies that get and keep a quality workforce. This involves research and analysis of the results of these improvements to determine whether these examples of innovation yield measurable, significant impact.

One important point our research has shown is that there is no one approach to resolve frontline workforce problems. Indeed, a variety of approaches and service reforms can make a difference. This point serves us well as reforms have a greater likelihood of being implemented if the constituency that implements them believes that the steps to be taken are under their control. Such confidence is more likely with a range of reform approaches than with one “silver bullet.”

Investing In and Promoting Reform

Sustainable reform efforts require investment. Below, we outline five key areas of investment without which, we believe, changes in the conditions of the human services workforce cannot be achieved. In each of these areas, we have the advantage of building on Casey's experience deploying similar strategies in other arenas.

- 1) Providing technical support: We plan to provide technical support to jurisdictions working to redirect their human services systems. Casey has learned the benefits of technical support in previous initiatives. And our research on workforce improvement practices has given us specific examples of the benefits of technical support and the way in which it sustains improvement.
- 2) Supporting best practice models: We have learned that much can be gained from modest investments in best practice sites. Casey's early investment in Beacon Schools, for example, helped to build the staff and capacity at these model after school programs to respond to visits and inquiries from other jurisdictions seeking to replicate their success.
- 3) Publicizing our findings: Dissemination of our findings is critical to building support for our efforts. We have learned that educating the messenger is an effective way for Casey to get its message out. Part of this education is already being accomplished through the Casey Journalism Center and its connections to media concerned with the healthy development of children and families. For this initiative, however, we believe it will be beneficial to apply this "messenger education" to a wider pool of journalists, including those who cover urban issues, social policy and the "labor beat." As part of our education effort, we will consider strategies such as supporting educational travel, conferences and site visits that would introduce reporters to approaches and organizations that illustrate and achieve meaningful impact for kids and families.
- 4) Recognizing Achievement: Another approach to promoting reform is an awards program to recognize and make visible best practices and leadership. Casey has experience with this approach through our Families Count Honors Program. Other organizations report using such awards programs with great effectiveness.

Conclusion

Children do well when their families do well and families do well when the social support structures around them are stable and strong. For the vulnerable children the Casey Foundation is dedicated to helping, frontline workers are a critical link to social services they badly need and to opportunities for a better life. Yet the frontline human service workforces currently in place offer neither strength nor stability. Kids are being let down and the structures set up to support them are doing more harm than good, while they waste millions of taxpayer dollars.

What do frontline human service workforces need to achieve the strength and stability to do their job right and offer vulnerable children real help? Casey began asking this question a year ago when we undertook our preliminary scan of the human services sector. And we will continue to ask this question as the cornerstone of our policy reform agenda going forward. We are currently putting the question to frontline workers in order to understand the quantifiable and nuanced problems that are causing them to leave the field while a new generation shows little interest in a career in human services. We are putting the question to managers, supervisors and agencies to understand the systemic problems that keep this area over regulated and inflexible while lack of training and support leave workers relatively unsupervised. We are soliciting answers from jurisdictions that have made reform efforts, particularly those who have seen measurable success, in order to develop a sense of what kinds of reforms we should target and how to build support for these efforts. And we are asking for help from other stakeholders in this important system reform effort, from organizations that share Casey's concerns and are dedicated to helping kids.

In going forward with a policy reform initiative of this size and ambition, Casey believes it is important to cast a wide net, to solicit as much insight as we can into the problems facing frontline human services workforces. Yet as we assemble a more comprehensive picture than has been available to reformers in the past, we need to be careful not to become mired in studying the problem. Indeed, Casey's goal is to continuously direct and refine our questions so that answers we get are not merely possibilities, but build a platform for actionable policy.

It is Casey's intention to move as quickly as we can towards making policy. Our research efforts currently underway will be released in the fall of 2002 and, as we have done in this paper, we will to publish our findings to keep the public abreast of our work and build a greater profile for this area. Right now, the conditions of frontline human services jobs, create a serious shortfall between the kind of workers we have and ones that can effectively and compassionately address the enormous problems of vulnerable children and their families. We need to build momentum for this issue, to place it in the public consciousness, to address the needs of workers who are struggling to do a good job in a tough system, and to restore public confidence that frontline human services can and will carry out the vital work with which they are entrusted.

Appendix I

Human Service Workforces -- Sector Specific Profiles

TABLE 3: PROFILE OF THE CHILD WELFARE WORKFORCE

Estimated Number of Frontline Workers	870,000
Demographics	72% Female
Training	<ul style="list-style-type: none"> - Average pre-service training for protective services workers (CPS): 3 ½ weeks - For other frontline hires: 2 ½ weeks - Federal funding via 426b of the Social Security Act provides education and training for workers in child welfare or those committed to the field, as well as funding for technical assistance - 1980 survey of 426b trainees found 59% in child welfare related work
Estimated Average Salary	<ul style="list-style-type: none"> - Social worker median: \$30,590 - Paraprofessional median: \$21,360 - Mean public salary CPS: \$33,400 - Mean public salary, Non-CPS: \$32,900 - Mean private salary, CPS: \$28,700 - Mean private salary, Non-CPS: 29,200
Estimated Average Turnover	<ul style="list-style-type: none"> - Public agencies (Annual): 20% - Private agencies (Annual): 40%
Average Tenure	<ul style="list-style-type: none"> - Public agencies: 7 ½ Years - Private agencies: 3 ½ Years - Little difference between CPS & Non-CPS tenure
Workload	<ul style="list-style-type: none"> - 24 cases in CPS - 31 cases in Ongoing - Twice CWLA standards
Workplace Organization	<ul style="list-style-type: none"> - 44% employed by government - 24% union members
Motivation	<p>Reasons workers leave:</p> <ul style="list-style-type: none"> - heavy workload - low status - low pay - poor supervision - work-family balance <p>Reasons workers stay:</p> <ul style="list-style-type: none"> - sense of mission - good fit with job - investment in relationships - professional standing
Average Wage Growth	<ul style="list-style-type: none"> - 6% for all child welfare workers, 1980-99 - For social workers with degrees, 6.5% growth 1992-99

TABLE 4: PROFILE OF THE CHILD CARE WORKFORCE

<p>Estimated Number of Frontline Workers</p>	<ul style="list-style-type: none"> - 1.5 million, center-based and licensed family care providers - 1 million paid caregivers other than those in centers and family based programs (includes licensed and unlicensed) - Workforce expected to grow 26% by 2008 - One-third of workforce composed of paid relatives
<p>Demographics</p>	<ul style="list-style-type: none"> - 97% female - 60% white; 39% black - Average age is 24; younger than the average US worker by more than a decade
<p>Education</p>	<p>Center Based Staff:</p> <p>Teachers: 33% Bachelors Degree + 47% Some College/Associates Degree 20% High School or Less</p> <p>Assistants: 12% Bachelors Degree + 45% Some College/Associates Degree 43% High School or Less</p> <p>Family Child Care Providers:</p> <p>18% Bachelors Degree + 38% Some College/Associates Degree 30% High School or Less</p>
<p>Training</p>	<ul style="list-style-type: none"> - Minimal training requirements - Less commonly required for family-based care than center-based staff - New teachers are less well educated than those they replace and more likely to be poor - No state requires programs to be accredited
<p>Estimated Average Salary</p>	<ul style="list-style-type: none"> - \$6.70/hour; half the average US wage - Non-profits and affiliated centers pay higher wages and offer more benefits than for-profit centers
<p>Wage Growth</p>	<ul style="list-style-type: none"> - Inflation adjusted wages 1996-2000 have decreased for most workers
<p>Estimated Average Turnover</p>	<ul style="list-style-type: none"> - 40%, with spikes of 100-300% at some child-care centers - Half the workers who leave, leave field altogether
<p>Workplace Organization</p>	<ul style="list-style-type: none"> - 5% are unionized
<p>Motivation</p>	<ul style="list-style-type: none"> - Low pay is leading reason for leaving child care work

TABLE 5: PROFILE OF THE JUVENILE JUSTICE WORKFORCE

Estimated Number of Frontline Workers	<p>300,000 Total</p> <ul style="list-style-type: none"> - 18,000 in juvenile corrections - 150,000 residential case workers - 130,000 substance abuse and behavioral counselors - 25,000 rehabilitation counselors
Demographics	<ul style="list-style-type: none"> - Mostly white males - 30-49 years old - Profile varies by sector (See “Workforce Organization,” below)
Training	<ul style="list-style-type: none"> - Average experience in the field: 5-10 years - Government workers: A.A./B.A. in corrections - Non-profit workers: B.A./M.A. in social services - On the job training focuses on control of youth
Estimated Average Salary	<ul style="list-style-type: none"> - \$30,000 - Half of line staff in government programs earn less than \$30,000
Estimated Average Annual Turnover	40-80% (lower in non-profits)
Workplace Organization	<ul style="list-style-type: none"> - Non-profits draw younger college graduates, less oriented to a career in the field - Public sector workers are more oriented toward policing dimension of job, more likely to be unionized, less likely to be weeded out for low performance - No data on for-profit providers
Workload	<ul style="list-style-type: none"> - 41 cases/probation officer - 30 cases/officer is recommended
Motivation	<p>Reasons workers leave:</p> <ul style="list-style-type: none"> - long hours - high stress - low pay - inability to impact life chances of youth <p>Reasons workers stay:</p> <ul style="list-style-type: none"> - satisfaction of taking care of people who need them - expressions of appreciation from patients; families - achieving meaningful care outcomes for clients

TABLE 6: PROFILE OF THE EMPLOYMENT AND TRAINING WORKFORCE

Estimated Number of Frontline Workers	500,000 (includes 100,000 TANF workers; employment and training specialists)
Training	- No Federal requirements
Estimated Average Salary	\$30,800
Workplace Organization	<ul style="list-style-type: none"> - 55% employed by a TANF Agency - 16% employed by private providers - 10% other public providers - Unclear where the other 20% work
Workload	- Workloads vary; increased with additional responsibilities established under TANF
Motivation	- Substantial evidence from surveys of frontline workers of widespread dissatisfaction and confusion about combined and conflicting responsibilities for eligibility/benefits determination and job placement

Appendix II

Private Sector Companies Casey is Studying for Promising Practice

Employment Strategy	Companies
Performance Management	Home Depot, Inc. Host Marriott Imperial Valley Lumber Lowes Corporation Wal-Mart
Training and Professional Development	IBM McDonalds Motorola Sears, Roebuck and Co. Tricon Global Restaurants (Kentucky Fried Chicken, Taco Bell, Pizza Hut)
Quality of Work Life Improvements	Alcoa Monster.com
Compensation	Bright Horizons, Inc. (child care company) Homer Reed (retail) The Hat Shack, Inc.
Other	Federated Department Stores Nordstrom Ritz-Carlton Office depot CVS Shop Rite Corporation

BIBLIOGRAPHY

- The Abell Foundation. Teacher Certification Reconsidered: Stumbling for Quality. Baltimore, MD: The Abell Foundation, 2001.
- American Correctional Association. "Overview of the ACA Accreditation Process." 25 Sept. 2001. Online. <<http://www.corrections.com/aca/certification>>.
- . "The Corrections Certification Program." 25 Sept. 2001. Online. <<http://www.corrections.com/aca/certification>>.
- . "2001 Training Sessions." 25 Sept. 2001. Online. <<http://www.corrections.com/aca/certification>>.
- Academy for Educational Development/Center for Youth Development and Policy Research. "Profiling Youth Workers." Washington, DC: Academy for Educational Development, Sept. 2001. (Unpublished Paper.)
- American Federation of State, County, and Municipal Employees. "Double Jeopardy: Case Workers at Risk Helping At Risk Kids." American Federal, State, County and Municipal Employees, Nov. 1998.
- . "Momentum Continues As Corrections Workers Petition With AFSCME." 7 Sept. 2001. Online.
- American Federation of Teachers, Department of Research. Beginning Teacher Salary And Expected Salaries of College Graduates To Be Hired in Spring, Table 111-3. Survey and Analysis of Salary Trends, 1998.
- American Humane Association and Walter MacDonald Associates. SB2030 Child Welfare Services Workload Study Final Report. April, 2000.
- American Probation and Parole Association. "Juvenile Justice." 25 Sept. 2001. <<http://www.appa-net.org/about%20appa/juvenile.htm>>.
- Applebaum, Eileen and Rosemary Brett. The New American Workplace. Ithaca: Cornell University Press, 1994.
- Archer, Jeff. "States Raising Bar for Tenure Despite Pending Shortage." Education Week, 25 March 1997.
- Ballou, Dale. "Do Public Schools Hire the Best Applicants?" The Quarterly Journal of Economics, (Feb. 1996): 97-133.
- Ballou, Dale and Michael Podgursky. "The Case Against Teacher Certification."

- The Public Interest, (Summer 1998): 17-29.
- . Teacher Pay and Teacher Quality. Kalamazoo, MI: UpJohn Institute, 1997.
- . "Teacher Training & Licensure: A Layman's Guide." In Better Teachers, Better Schools. Ed. Marci Kanstoroom and Chester E. Finn, Jr. Washington, DC: Thomas B. Fordham Foundation, July 1999.
- Barber, Gerard. Correlates of Job Satisfaction Among Human Service Workers. *Administration in Social Work*, 10, No. 1 (1986): 25-39.
- Barnett, W. Steven. "Long Term Effects of Early Childhood Programs on Cognitive and Social Outcomes." The Future of Children, 5, No. 3 (1995): 25-50.
- Barth, Michael. "The Labor Market for Social Workers: A First Look." Report to The John A. Hartford Foundation, 2001.
- Bellon, Dan, et al. Making Work Pay in the Childcare Industry. Washington, DC: Center for The Child Care Workforce, 1997.
- Belkin, Douglas. "State Social Workers Get Raise." Boston Globe, 2 July 2001.
- Benjamin, A. E., R.E. Matthias, and T. Franke. "Comparing Consumer Directed and Agency Models For Providing Support Services at Home." Health Services Research, 35 (1, Part II): 351-66.
- Bernotavicz, Freda. Retention of Child Welfare Caseworkers. Augusta, ME: University of Southern Maine, Edmund S. Muskie School of Public Service, Institute for Public Sector Innovation, 2000. (Report).
- Bernotavicz, Freda and Amy Locke. Hiring Child Welfare Caseworkers: Using A Competency-based Approach. *Public Personnel Management*, 29, (2000): 33-42.
- Blau, David M. The Childcare Problem: An Economic Analysis. New York: Russell Sage Foundation, 2001.
- . "The Production of Quality in Childcare Centers: Another Look." Applied Developmental Science, 4, No. 3 (2000): 136-48.
- . "The Production of Quality in Childcare Centers." Journal of Human Resources, 32, No. 2 (1997): 354-87.
- Born, Catherine and Leanne Charlesworth. "Understanding TANF Outcomes in Context: The Effects of Front-line Assessment, Agency Characteristics, and Local Economic/Demographic Characteristics on Customer

- and Jurisdictional Level TANF Outcomes.” Year Two Program Report, University of Maryland, School of Social Work, 2002.
- Boser, Ulrich. “A Picture of the Teacher Pipeline: Baccalaureate and Beyond.” Education Week: Quarterly Counts 2000, 13 Jan. 2000, pp. 16-17.
- Bowman, C. “BLS Projection to 2008: A Survey.” Monthly Labor Review, Nov. 1999.
- Braddock, D. “Occupational Employment Projections to 2008.” Monthly Labor Review, Nov. 1999.
- Bronner, Ethan. “Other Countries Catching Up to US Education, Study Finds.” New York Times, 25 Nov. 1998.
- Brown –Lyons, Melanie, Anne Robertson. and Jean Layzer. Kith and Kin – Informal Child Care: Highlights from Recent Research. New York: National Center for Children in Poverty, 2001.
- Buerhaus, Peter and Douglas O. Staiger. “Future of the Nurse Labor Market According to Health Care Executives in High Managed Care Areas of The US.” Institute of Nursing Scholarship, 29, No. 4 (1997): 313-18.
- . “Trouble in the Nurse Labor Market: Recent Trends & Future Outlook.” Health Affairs, 18, No. 1 (1999): 214-22.
- Burton, Alice, Marcy Whitebrook, Marci Young, Dan Bellm, Richard N. Brandon and Erin Maher. “How Many is Enough? Estimating the Size and Characteristics of the U.S. Child Care Workforce. Key Findings from the Child Care Workforce Report, Phase 1.” Washington, DC: Center for the Child Care Workforce and Seattle, WA: Human Services Policy Center, University of Washington, Feb. 2002.
- Business Roundtable. “The Job Gap.” Online.
- . “Investing in Teaching.” 30 Jan. 2001. Online.
- . “New Independent Study Shows Testing and Accountability Narrowed Achievement Gaps in Texas.” 19 April 2001. Online.
- . “What Parents, Student and Teachers Think About Standards, Tests, Accountability ...and More.” Nov. 2000. Online.
- Calicchia, Marcia. Personal Correspondence, 7 Oct. 2001.
- . Personal Correspondence, 28 June 2001.

- Campbell, Francis A., Elizabeth Pungello, et al. "The Development of Cognitive and Academic Abilities Growth Curves from an Early Childhood Educational Experiment." Developmental Psychology, 37, No. 2 (2001): 231-42.
- Campbell, Francis A., Craig T. Ramey, et al. Early Childhood Education: Young Adult Outcomes for the Abecedarian Project. Chapel Hill, NC: University of North Carolina, n.d.
- Campbell, Francis A. and Craig T. Ramey. "Effects of Early Intervention on Intellectual and Academic Achievement: A Follow Up Study of Children from Low-Income Families." Child Development 65 (1994): 684-98.
- Campbell, Nancy Duff, Judith C. Applebaum, Karen Martinson, and Emily Mort. Be All That We Can Be: Lessons From The Military For Improving Our Nation's Childcare System. Washington, DC: National Women's Causes Center, April 2000.
- Carnegie Forum on Education and The Economy. A Nation Prepared: Teachers For The 21st Century. New York: Carnegie Forum on Education and The Economy, 1986.
- Center for the Child Care Workforce. "Documenting the Childcare Workforce." Washington, DC: Center for the Child Care Workforce, Sept. 2001.
- Center for the Health Professions. California Work Force Initiative. San Francisco: University of California San Francisco. Online.
- Center for the Study of Social Policy. "An Innovator's Roundtable: Human Service Delivery." Washington, DC: Center for the Study of Social Policy, 20 June 2001.
- Chase, Richard. Staff Recruitment and Retention in Early Childhood Care and Education and School Age Care. Saint Paul, MN: Wilder Research Center, April 2001.
- Child Welfare League and American Public Human Services Association Alliance. "The Child Welfare Challenge: Results for a Preliminary Study." May 2001.
- Cicero-Reese, Bessie and Phyllis N. Clark. "Research Suggests Why Child Welfare Workers Stay on the Job." Partnerships for Child Welfare, 5, No. 5 (February 1998): 5, 8-9
- Clarke, Lee and Carroll Estes. "Social and Economic Theory of Markets and Non-Profits: Evidence for the Home Health Organization." American Journal of Society, 97, No.4 (Jan. 1992): 945-69.

Collins, A.M., and J.I. Layzer.. National Study of Child Care for Low-Income Families: State and Community Substudy Interim Report. Washington, DC: U.S. Department of Health and Human Services, Administration for Children and Families, 2000.

Collins, Gail. "Talking the Cure." New York Times, 19 June 2001.

Cohen, Nancy E. and Sharon L. Kagan, eds. Funding and Financing Early Care and Education. New Haven, CT: Yale Bush Center in Child Development, 1997.

Compa, L. "Unfair Advantage: Worker Freedom of Association in The United States Under International Human Rights and Standards." New York: Human Rights Watch, 2000.

Conradi, Melissa. "Profile of Teaching Workforce." 21 Sept. 2001. (Unpublished Memo.)

Crittendon, Ann. The Price of Motherhood. New York: Metropolitan Books, 2001.

Crow, Kelly. "The Nursing Life: Healing and Burnout, 12 Hours at a Stretch." New York Times, 24 June 2001.

Crown, W. H. "A National Profile of Home Care, Nursing Home, and Hospice Aides." Generations, 18, No. 3 (Fall 1994).

Cryer, Debby and Margaret Burchinal. "Parents as Childcare Consumers." In Cost, Quality, and Child Outcomes in Childcare Centers: Technical Report. Ed. Suzanne Helburn. Denver, CO: University of Colorado, 1995.

Cyphers, Gary. "Report for the Child Welfare Workforce Survey: State and County Data and Findings." Washington, DC: American Public Human Services Association, May 2000.

Darling-Hammond, Linda. "The Research and Rhetoric of Teacher Certification: A Response to 'Teacher Certification Reconsidered'." 15 Oct. 2001.

----- . Solving The Dilemmas of Teacher Supply, Demand and Standards. New York: National Commission on Teaching and America's Future, 2000.

----- . Teacher Quality and Student Achievement. Seattle: Center for the Study of Teaching and Policy, University of Washington, 2000.

----- . Doing What Matters Most: Investing in Quality Reaching. New York:

- National Commission on Teaching and America's Future, 1997.
- Dawson, Steven L., et al. Direct Care Health Workers: The Unnecessary Crisis in Long Term Care. Queenstown, MD: The Aspen Institute, 2001.
- de Kanter, Adriana , et al. Keeping Schools Open as Community Learning Centers: Extending Learning in a Safe, Drug-Free Environment Before and After School. Washington, DC: U.S. Department of Education, 1997.
- Dickinson, N.S., and R. Perry. Why Do MSWs stay in public child welfare?: Organizational and training implications of a retention study. New Orleans, LA: Paper presented at 11th National Conference of the National Staff Development and Training Association, 8 December 1998.
- Direct Care Alliance. "A Report on Conference Proceedings." Washington, DC: 14-16 June 2000.
- Donahue, John. The Privatization Decision: Public Means, Private Ends. New York: Basic Books, 1989.
- Eaton, Adrienne and Paula Voos. "Unions and Contemporary Innovation in Work Organization, Compensation, and Employee Participation." In Unions and Economic Competitiveness. Ed. Laura Mishel and Paula Voos. Armonk, NY: ME Sharpe, Inc., 1992.
- The Education Trust. "Good Teaching Matters: How Well Qualified Teachers Can Close the Gap." The Education Trust, 3, No. 2 (Summer 1998).
- Educational Testing Service. How Teachers Compare: The Prose, Document & Qualitative Skills of America's Teachers. Princeton: Educational Testing Service, 1999.
- . Sex, Race, Ethnicity, and Performance in the GRE General Test 1999-2000 A Technical Report. Online.
- Education Week. "'The High Cost of Teaching.' Education Week Analysis of US Census Bureau's 1992-99 'Current Population Survey – Month Supplement'." Education Week: Who Should Teach? 13 Jan. 2000, 30.
- . "'A Picture of the Teacher Pipeline: Baccalaureate and Beyond.' Education Week Analysis of US Department of Education's 1993, 1994,1995 'Baccalaureate and Beyond' Surveys." Education Week: Who Should Teach? 13 Jan. 2000, 16-18.
- . "Expiring 'Troops to Teachers' Project Outfits Classrooms with Professionals in Demand." Education Week, 14 Oct. 1998.

- Ehrenhalt, Samuel L. "Close to Half of All Government Workers Are 45 or Older, Private Sector Focuses More on Younger Workers Under 35." Rockefeller Institute of Government "Special Report." Albany, NY, Aug. 1999.
- Elmore, Richard F. "Investing in Teacher Learning." NY: National Committee on Teaching & America's Future. New York: Columbia University Press, Aug. 1997.
- Esposito, Geraldine and Michelle Fine. The Field of Child Welfare as a World of Work. In J. Laird & A. Hartman (Eds.), A Handbook of Child Welfare Practice: Context, Knowledge, and Practice. New York: Free Press, 1985, 727-740.
- Estrin, Robin. "Third Round Teacher Tests Improve Slightly." Associated Press State and Local News, No. 9 (1998).
- Farkas, Steve. Personal Communication, 27 June 2001.
- Feldman, P. H., Ari Sapienza and Neal Kane. Who Cares for Them? Workers in The Home Care Industry. New York: Greenwood Press, 1990.
- Ferguson, Ronald F. "Can Schools Narrow the Black White Test Gap?" In The Black White Test Gap. Ed. Christopher Jencks and Meredith Phillips. Washington, DC: The Brookings Institution, 1998.
- "Paying for Public Education: New Evidence on How and Why Money Matters." Harvard Journal on Legislation, 28 (Summer 1991): 465-98.
- Ferguson, Ronald F. and Helen F. Ladd. "How Money Matters: An Analysis of Alabama Schools." In Holding Schools Accountable: Performance Based Reform in Education. Washington, DC: Brookings Institution, 1996.
- Fetler, M. "Staffing Up and Dropping Out: Unintended Consequences of High Demand for Teachers." Education Policy Analysis Archives, 5, No. 16 (1997): 1-23.
- Fitzgerald, Joan. "Better Paid Caregivers, Better Care." The American Prospect, 12, No. 9 (21 May 2001).
- Freeman, Richard B., and Peter Gottschalk, eds. Generating Jobs: How to Increase Demand for Less-Skilled Workers. New York: Russell Sage Foundation, 1998.
- Folbre, Nancy. The Invisible Heart. New York: The Free Press, 2001.

- Ford Foundation Project on Social Welfare and The American Future. The Common Good: Social Welfare and The American Future. Policy Recommendations of the Executive Panel. New York: Ford Foundation, 1989.
- Gallagher, Catherine A. "Juvenile Offenders in Residential Placement, 1997." Washington, DC: Department of Justice, March 1999, FS-9996. (Bulletin of the Office of Juvenile Justice and Delinquency Prevention.)
- Glisson, Charles, and Anthony Hemmelgarn. "The Effects of Organizational Climate Inter-organizational Coordination on the Quality and Outcome of Children's Service Systems." Child Abuse and Neglect, 22, No. 5 (1998): 401-21.
- Goldhaber, Dan D. and Dominic J. Brewer. "Teacher Licensing and Student Achievement." In Better Teachers, Better Schools. Ed. Marci Kanstoroom and Chester E Finn, Jr. Washington, DC: Thomas B. Fordham Foundation, July 1999.
- Gordon, J. "Why Students of Color Are Not Entering Teaching: Reflections from Minority Teachers." Journal of Teacher Education, 45, No. 5 (1994): 346.
- Green, Mark and Office of the Public Advocate. Invisible Sweatshop: The Plight of Home Care Workers in New York City. Public Advocate for City of New York, NY: June 2001.
- Graef, Margaret and Erick L. Hill. Costing Child Protective Services Staff Turnover. Child Welfare, 79, No. 5 (Sept./Oct. 2000): 517-533.
- Greene, Bernie, et al. Teacher Quality: A Report on the Preparation and Qualification of Public School Teachers. Washington, DC: US Department of Education, 1999.
- Greene, Judith. "Bailing Out Private Jails. The Abuse-Ridden For-Profit Prison Industry Is on the Verge of Bankruptcy. But the Feds are Jumping to the Rescue By Providing Even More Business." The American Prospect, 10 Sept. 2001, 23-27.
- Greenspan, Elizabeth. "No Thanks." Teacher Magazine, April 1999.
- Greenwald, Rob, Larry Hedges and Richard Levine. "The Effects of School Resources on Student Achievement." Review of Educational Resources, 66, No. 3: 361-96.
- Gross, Martin. "Does the Route to Teaching Need a Fresh Start?" Education Week, 16 Feb. 2000.

Grundy, Lea, Lissa Bell and Netsy Firestein. Labor's Role in Addressing The Childcare Crisis. New York: Foundation for Child Development, Dec. 1999.

Hanushek, Eric A. "Assessing the Effects of School Resources on Student Performance: An Update." Educational Evaluation & Policy Analysis, 19, No. 2 (Summer 1997): 141-64.

----- . "Teacher Characteristics and Gains in Student Achievement: Estimates Using Micro Data." Pages and Proceedings American Economic Review, 29-30 Dec. 1970, 280-88.

Harrison, W.D. Role strain and burnout in child protective service workers. *Social Service Review*, 54, (1980): 31-44

Hassel, Bryan C., Emily Hassel, Debra Isaacson, Jean Krosner, Michelle McNiff, and Katie Walter. "Charter Schools: Mobilizing and Motivating Your Staff to Get Results." St. Paul, Minnesota: Charter Friends National Network, 2000.

Hays, Steve. "Site Visit Report: Maricopa City, AZ." Washington, DC: Center for the Study of Social Policy, 2001.

----- . "North Carolina County DSS Agency: Site Visit Report." Washington, DC: Center for the Study of Social Policy, 2001. (Unpublished Report.)

Hays, Steve and Kathy Martin. "Site Visit Report: State of Wisconsin." Washington, DC: Center for the Study of Social Policy, 2001.

Haycock, Kati. "Good Teaching Matters A lot." Thinking K-16 A Publication of The Education Trust, 3, No. 2.

Haycock, Kati. "Teaching and California's Future. Good Teaching Matters ... A Lot." Washington, DC: The Education Trust, 1998.

Hayes, Cheryl D., John L. Palmer, Martha J. Zaslow, eds. Who Cares for America's Children? Childcare Policy for the 1990's. Washington, DC: National Academy Press, 1990.

Hecksher, Charles C. The New Unionism. Ithaca: Cornell University Press, 1996.

Helburn, Suzanne, et al. Cost Quality and Child Outcomes in Child Care Centers. Denver, CO: University of Colorado, 1995.

Herzberg, Frederick. "One More Time: How Do You Motivate Employees?" Harvard Business Review. Sept.-Oct. 1987.

- Heskitt, James, et al. "Putting the Service-Profit Chain to Work." Harvard Business Review, 72, No. 2 (March-April 1994): 164-74.
- Heymann, Jody. Can Working Families Ever Win? Boston: Beacon Press, 2002.
- Hill, Paul T., Gail E. Foster and Tamar Gendler. High Schools with Character. Santa Monica, CA: RAND Corporation, 1990.
- Himmelstein, David V. MD, James P. Lewontin, and Steffie Woolhandler, MD, MPH. "Medical Care Employment in the US, 1968-1983: The Importance of Health Sector Jobs for African Americans and Women." American Journal of Public Health, 86, No. 1 (April 1996): 525-83.
- Himmelstein, David, Steffie Woolhandler, Ida Hellander and Sidney M. Wolfe. "Quality of Care in Investor vs. Not for Profit HMOs." Journal of The American Medical Association, 283, No. 2 (14 July 1999): 159-63.
- Housewright, Ed. "CPS Hopes Bonuses Will Lessen Turnover." Dallas Morning News. Dallas: 25 Dec. 2001.
- Howes, C., E. Smith and E. Galinsky. Interim Report on the Florida Quality Improvement Study. Los Angeles: Department of Education, University of California, Los Angeles, 1995.
- Human Services Council. "Human Services Workforce Campaign." 21 May 2001. Strategic Plan. New York: Human Services Council. (Draft.)
- Hurst, Hunter III. "Workload Measurement for Juvenile Justice System Personnel: Practices and Needs." Washington, DC: Nov. 1999, NCJ 178895. (Bulletin of the Juvenile Accountability Incentive Block Grants Program.)
- Independentfilms.com. "Corrections: Prison Privatization and the Prison Boom." 25 Sept. 2001. Online.
- Information Technology Association of America. Bridging The Gap: Information Technology Skills for a New Millenium. Arlington, VA: 2000.
- Ingersall, Richard M. "The Problem of Underqualified Teachers in American Secondary Schools." Education Researcher, 27, No. 9 (March 1999).
- Interview with William Hoffman, Director Human Resources, Associated Marine Institutes, Tampa, FL, 3 Dec. 2001.
- Interview with William Little, President, Key Program, Framingham, MA,

- 4 Jan. 2002.
- Interview with Bart Lubow, Senior Associate, Annie E. Casey Foundation, Baltimore, MD, 9 Nov. 2001.
- Interview with Cathy Martin, Senior Vice President, Eckerd Youth Alternatives, Clearwater, FL, 28 Jan. 2002.
- Interview with David Roush, Director, National Juvenile Detention Association Center For Research and Professional Development, East Lansing, MI., 14 Nov. 2001.
- Interview with Juan Sanchez, President, Southwest Key Program, Austin, TX, 16 Oct. 2001.
- Interview with Geoff Ward, Fellow, Vera Institute for Justice, New York, NY, 16 Oct. 2001.
- Interview with Robert Weaver, President, Associated Marine Institutes, Tampa, FL, 11 Dec. 2001.
- Jayarathne, Srinika, and Wayne A. Chess. Job satisfaction, burnout, and turnover: A national study. *Social Work*, 29, (1984): 448-453.
- Jerald, Craig D. Real Results, Remaining Challenges: The Story of Texas Education Reform. Washington, DC: The Education Trust, April 2001.
- Judy, Richard W. and Carol D'Amico. Workforce 2020: Work and Workers in the 21st Century. Indianapolis: Hudson Institute, 1997.
- Kagan, Sharon L. and Peter R. Neville. Integrating Services for Children and Families: Understanding the Past to Shape the Future. New Haven: Yale University Press, 1993.
- Kammerman, Sheila B., and Alfred J. Kahn. "Social Care in Europe: What It Is, Who Receives It, Who Provides It and How." New York: Columbia University School of Social Work, 1 Sept. 2001. (Unpublished Memo.)
- Kanstoroom, Marci and Chester E. Finn, Jr., eds. Better Teachers, Better Schools. Washington, DC: Thomas B. Fordham Foundation, July 1999.
- Kassin, L., et al. Current Data on Child Care Salaries and Benefits in The US. Washington, DC: Center for the Child Care Workforce, March 2001.
- Kane, Rosalie A. and R. L. Kane. Long Term Care: Principles, Programs, and

- Policies. New York: Spring Publishing Company, 1984.
- Katzenbach, Jon R. and Doyle K. Smith. The Wisdom of Teams. Cambridge: Harvard Business Review Press, 1993.
- Kerchner, Charles. "Shortages and Gluts of Public School Teachers? There Must Be a Policy Problem Here Somewhere." Public Administration Review, 44, No. 4 (1984): 297.
- Kettl, Donald F., Patricia W. Ingraham, Donald P. Sanders, and Michael A. Armacost. Civil Service Reform. Building a Government That Works. Washington, DC: Brookings Institution, 1996.
- Kluger, Miriam P., Gina Alexander and Patrick A. Curtis. What Works in Child Welfare. Washington, DC: CWLA Press, 2000.
- Kochan, Thomas A. and Paul Osterman. The Mutual Gains Enterprise: Forging a Winning Partnership Among Labor, Management and Government. Boston: Harvard Business School Press, 1994.
- Kopiec, Kathleen. "The Work Experiences of Certified Nursing Assistants in New Hampshire." New Hampshire Community Loan Fund, Oct. 2000.
- Krueger, Alan B. and Alexandre Mas. "Strikes, Scabs and Tread Separations: Labor Strife and The Production of Defective Bridgestone/Firestone Tires." 9 Jan. 2002. <www.irs.princeton.edu>.
- Krueger, Curtis. "State Dumps Abuse Investigation Agency." St. Petersburg Times, 8 March 2002.
- Lavigna, Robert. "The Leadership Crisis in Human Services. Survey on Recruitment And Retention of Human Services Workers." Madison, WI: CPS Human Resource Services. 14 Dec. 2001.
- . "Feasibility Study to Create a National Database on the Children's And Youth Services Workforce." Madison, WI: CPS Human Resource Services. 1 Oct. 2001.
- Lehmann, Nicholas. "Testing the Limits." The New Yorker, 2 July 2001, 28-34.
- Lengyel, Thomas E., Susan Hornung, and Patricia E. Heinz. "Prospects and Promise For A National Child Welfare Database." Milwaukee, WI: Alliance for Children and Families. 20 Sept. 2001
- Levin, Henry M. Ed. Privatizing Education. Cambridge: Westview Press, 2001.

Levine, David I. Reinventing the Workplace. Washington, DC: The Brookings Institution, 1995.

Levine, Linda. The Child Workforce. Washington, DC: Congressional Record Service, 2001.

Light, Paul. Artful Work: The Politics of Social Security Reform. New York: Random House, 1985.

----- Personal Correspondence. 31 Jan. 2001.

Lipsky, Michael and David J. Olson. Commission Politics. New Brunswick: Transaction Books, 1977.

Love, John M., Peter Z. Schochet, and Alicia L. Mecksroth. "Are They in Any Real Danger?: What Research Does — and Doesn't — Tell Us About Childcare Quality and Children's Well Being." Princeton, NJ: Mathematica Policy Research, May 1996.

Lurie, Irene. "Changing Welfare Offices." Washington, DC: The Brookings Institution, Policy Brief No. 9 (Oct. 2001.)

MacDonald, Heather. The Burden of Bad Ideas. Chicago: Ivan R. Dee, 2000.

McKay, Ruth Hubbell, et al. "The Impact of Head Start on Children, Families and Communities." Washington, DC: US Department of Health and Human Services, June 1985.

Maluccio, A.N. Education and training for child welfare practice. In J. Laird and A. Hartman (Eds.), A handbook of child welfare practice: Context, knowledge, and practice. New York: Free Press, 1985, 741-759.

Marcano, Tony. "Accreditation is No Guarantee in Day Care Centers, Study Says." New York Times, 20 April 1997.

Martin, Lawrence. "Performance Contracting in the Human Services: An Analysis of Selected State Practices." Administration in Social Work, 24, No. 2 (2000): 29-44.

Mazzone, Maria and Brandon Roberts. "Background Paper on Frontline Workers Under Welfare and Workforce Development Reform." New York, NY: Public/Private Ventures, Jan. 2002.

- McCartthen, Peg, Gail Foloron, and Ann Buschman Jefferson. "Effectiveness of Family Reunification Services: An Innovative Evaluation Model." Social Work, 37 (1992): 304-11.
- McGinn, Daniel. "Internet Brain Drain." Newsweek, 135, No. 24 (13 Dec. 1999) 61-68.
- Melia, Robert. "Private Contracting in Human Services." Boston: Pioneer Institute, n.d.
- Mendel, Richard A. Less Cost, More Safety: Guiding Lights for Reform in Juvenile Justice. Washington, DC: American Youth Policy Forum, 2001.
- Merrill Lynch & Co. "Creating the Dominant Virtual University" 1999.
- Milken, Lowell. "Teaching as Opportunity: The Teacher Advancement Program." Milken Family Foundation. n.d.
- Mishel, Lawrence and Paula B. Voos, eds. Unions and Economic Competitiveness. Albany, NY: Economic Policy Institute, 1992.
- Mitchell, Anne. "A Proposal for Licensing Individuals Who Practice Early Care and Education." Quality 2000, August 1995. (Working Paper.)
- , "Preparation and Credentialing Lessons From Other Occupations for The Early Care and Education Field." Quality 2000, November 1994. (Working Paper.)
- Moone, Joseph. "Juveniles in Private Facilities, 1991-1995." Washington, DC: Department of Justice, April 1997, FS-9754. (Bulletin of the Office of Juvenile Justice and Delinquency Prevention.)
- Murnane, Richard J. and Barbara R. Phillips. "What Do Effective Teachers of Inner City Children Have in Common?" Social Science Research, 10 (1981): 83-100.
- Murnane, Richard J., et al. Who Will Teach? Policies That Matter. Cambridge: Harvard University Press, 1991.
- National Commission on Excellence in Education. "A Nation at Risk: The Importance of Educational Reform." A Report to the Nation and the Secretary of Education. US Department of Education, 1 April 1993.
- National Commission on The Public Service. Leadership for America. Washington, DC: Lexington Books, 1989.

- National Commission on The State and Local Public Service. Hard Truths/Tough Choices. Albany, NY: State University of New York, 1993.
- National Commission on Teaching and America's Future. "What Matters Most: Teaching for America's Future." Sept. 1996, 14.
- National Opinion Research Center. "General Social Survey, Data Information & Retrieval System." 15 March 1999. <<http://www.icpsr.umich.edu/GSS/>>.
- National Research Council. Eager to Learn. Washington, DC: National Academy Press, 2001.
- . The Changing Nature of Work Implications for Occupational Analysis. Washington, DC: National Academy Press, 1999.
- . Who Cares For America's Children: Panel on Childcare Policy. Ed. C. D. Hayes, J. L. Palmer and M. J. Zaslow. Washington, DC: National Academy Press, 1999.
- Neustadt, Richard E. and Ernest R. May. Thinking in Time. New York: The Free Press, 1986.
- New South Wales Council on The Cost and Quality of Government. "Supervision of Remanded and Convicted Juveniles." In Law, Order & Safety. 26 Sept. 2001. Online.
- Newman, Sanford, James Allen Fox, Edmund Flynn and William Christiansen. "America's After-School Choice." Washington, DC: Fight Crime Invest in Kids, 2000.
- Noeth, Kristyn, Katrina Weinig, Lynson Moore Bobo, Adriana de Kanter, and Julie Pederson. Safe and Smart: Making The After-School Hours Work for Kids. Partnership for Family Involvement in Education (ED). Washington, D.C.: U.S. Department of Education and U. S. Department of Justice, June 1998, 4-92.
- Office of Juvenile Justice and Delinquency Prevention. Program Statistical Briefing Book. 25 Sept. 2001. Online.
- O'Neill, John V. "NASW News". Washington, DC: National Association of Social Workers, April 2001, 3-4.
- Osborne, David and Peter Plastrik. The Reinventor's Fieldbook. San Francisco: Jossey-Bass, 2000.
- Osterman, Paul. Securing Prosperity. Princeton: Princeton University Press, 1999.

- Packer, Arnold. "Report to The Casey Foundation." 28 Nov. 2001. (Unpublished Memo.)
- Palmaffey, Tyce. "Measuring The Teacher Quality Problem." In Better Teachers, Better Schools. Ed. Marci Kanstoroom and Chester E. Finn, Jr. Washington, DC: Thomas B. Fordham Foundation, July 1999.
- Paraprofessional Healthcare Institute. "National Survey on State Institutions to Improve Paraprofessional Healthcare Employment." 2000. (Unpublished Paper.)
- Payton, Robert L. A Future Filer . Online.
- Pecora, Peter J., and Anthony N. Maluccio. "What Works in Family Foster Care." In What Works in Child Welfare. Ed. Miriam P. Kluger, Gina Alexander and Patrick A. Curtis. Washington, DC: CWLA Press (2000) 139-150.
- Pecora, Peter J., James K. Whittaker, Anthony N. Maluccio, Richard, Barth and Robert D. Plotnich. The Child Welfare Challenge: Policy, Practice and Research. 2nd ed. New York: Aldine de Gruyter, 2000.
- Pecora, P.J., and Michael Wagner. Managing personnel. In R. Patti (Ed.), Handbook of Social Welfare Administration. Newbury Park, CA: Sage, 2000.
- Peisner-Feinberg, E.S., M.L. Culkin, L. Howes, and S.L. Kagan. "The Children of the Cost, Quality and Outcome Study Go to School: Executive Summary."
- Peisner-Feinberg, E.S. and M.R. Burchinal. "Relations Between Pre-School Children's Child Care Experiences and Concurrent Development: The Cost, Quality and Outcome Study." Merrill-Palmer Quarterly, 43, N. 3 (1997): 45-77.
- Pindus, Nancy, Daryl Dyer, Caroline Ratchiffe, John Tuutleo, and Kellie Isbell. "Industry And Cross Industry Worker Mobility: Experience, Trends, and Opportunities For Low Wage Workers." Health Care, Hospitality and Childcare. Washington, DC: The Urban Institute, Oct. 2001.
- Poe-Yamagata, Eileen. "Detention and Delinquency Cases, 1985-1994." Washington, DC: Department of Justice, March 1997, FS-9756. (Bulletin of the Office of Juvenile Justice and Delinquency Prevention.)
- Poitras, Colin. "Juvenile Center Concerns Raised. Workers Say It's Unsafe, Understaffed." The Hartford Courant, 23 Nov. 2001.
- Porter, Toni. Neighborhood Childcare, Family, Friends and Neighbors Talk About Caring for Other People's Children. New York: Bank Street College of Education, 1998.
- Posner, Jill and Deborah Lowe Vandell. "Low Income Children's After School Care: Are There Beneficial Effects of After School Programs?" Child Development 65 (1994): 440-56.

Public Agenda. How Teachers of Teachers View Public Education. New York: Public Agenda, 1997.

----- . A Sense of Calling: Who Teaches and Why. New York: Public Agenda, 2000.

----- . Some Gains But No Guarantees: How New York City's Employers Rate The Public Schools. New York: Public Agenda, July 1998.

----- . Survey Finds Little Sign of Backlash Against Academic Standards or Standardized Tests. New York: Public Agenda, 2000.

Public Service Association of NSW. "Kariong Juvenile Justice Center – Report Positive Says PSA." 6 Dec. 2001.

Rayman, Paula M. Beyond The Bottom Line: The Search For Dignity At Work. New York: Palgrave, 2001.

Raymond, Margaret, Stephen A Fletcher, and Javier Luque. Teach for America: An Evaluation of Teacher Differences and Student Outcomes in Houston, TX. Stanford, CA: Hoover Institution, 2001.

Reagh, Rhonda. Public child welfare professions –those who stay. *Journal of Sociology and Social Welfare*, 21, No. 3, (1994): 69-78.

Recruiting New Teachers Inc. The Essential Profession: A National Survey of Public Attitudes Toward Teaching, Educational Opportunity and School Reform. Belmont, MA: 1998.

Richardson, J.L., K. Dwyer, K. McGuigan, C. Dent, C.A. Johnson, S.Y. Sussman, B. Brannon and B. Floy. "Substance Use Among 8th Grade Students Who Take Care of Themselves After School." Pediatrics 84, 556-66

Riley, Pamela. A Charter School Survey: Parents, Teachers and Principals Speak Out. San Francisco: Pacific Research Institute, 2000.

Roditti, Martha G. "What Works in Center Based Child Care." In What Works in Child Welfare. Ed. Miriam P. Kluger, Gina Alexander and Patrick A. Curtis. Washington, DC: CWLA Press (2000) 293-318.

Rogers, Jill and Richard Freeman. "Who Speaks For Us? Employee Representation In a Non-Union Labor Market." In Employee Representation: Alternatives and Future Directions. Ed. Bruce E. Kaufman and Morris M. Klein, Jr. Madison, WI: Industrial Relations Research Association, 1993.

- Russell, M. National Study of Public Child Welfare Job Requirements. Portland, ME: University of Southern Maine, National Child Welfare Resource Center for Management and Administration, 1987.
- Rust, Bill. "Juvenile Jailhouse Rocked: Reforming Detention in Chicago, Portland, and Sacramento." Advocasey, (Fall/Winter) 1999.
- Rycraft, Joan R. "The Party Isn't Over: The Agency Role in the Retention of Public Child Welfare Case Workers." Social Work, 39, No. 1 (Jan. 1994): 75-80.
- Sacramento Bee. "In-Home Care Workers May Get Pay Raises." Sacramento Bee, 25 April 2000, p. B3.
- Saillant, Catherine. "Incentives Help Eliminate a Shortage of Social Workers." Los Angeles Times, 17 Sept. 2001.
- Samantrai, Krishna. Factors in the decision to leave: Retaining social workers with MSWs in public child welfare. *Social Work*, 37, (1992): 454-458.
- Sarri, Rosemary, Jeffrey J. Shook, Geoffrey Ward, Mark Creekmore, Cheri Albertson, Sara Goodkind, and Jo Chih Soh. Decision Making in The Juvenile Justice System: A Comparative Study of Four States. Ann Arbor, MI: Institute for Social Research at the University of Michigan, 2001.
- Scanlon, William J. Nursing Workforce: Recruitment And Retention of Nurses & Nursing Aides is A Growing Concern. Washington, DC: General Accounting Office, 17 May 2001.
- Schinke, P., M. Orlandi and V. Cole. "Boys and Girls Clubs in Public Housing Developments: Preventative Services for Youth at Risk." Journal of Community Psychology, OSAP Special Issue, 1992
- Schlechy, P and V. Vance. "Recruitment Selection and Retention The Shape of the Teaching Force." The Elementary School Journal, 83, No.4 (1983): 469-87.
- Schneider, Stuart and Mateba Pinder. "Summary of Home Care Workers." New York: Paraprofessional Healthcare Institute, Aug. 2001. (Unpublished Report.)
- Schrag, Peter. "Edison's Red Ink Schoolhouse." The Nation, 25 June 2001, 20-24.

Sergiovanni, Thomas J. Leadership for the Schoolhouse. San Francisco: Jossey Bass, 1996.

Service Employees International Union Local 535 "Dragon." Feb. 2001.

Service Employees International Union Local 535 "Dragon." Nov. 2000.

Shen, JanPing. "Has Selective Certification Policy Materialized Its Promise? A Comparison Between Traditionally and Alternatively Certified Teachers In Public Schools." Educational Evaluation and Policy Analysis, 19, No.3 (1992): 276-83.

Sickmund, Melissa. "The Juvenile Delinquency Probation Caseload, 1985-1994." Washington, DC: Department of Justice, March 1997, FS-9754 (Bulletin of The Office of Juvenile Justice and Delinquency Prevention.)

Smith, Kim. "Inmate Uprising, Other Woes Tied to Prison Mismanagement." Las Vegas Sun, 24 Sept. 2001.

----- "Operator of Privatized Youth Prison Calls It Quits: State Must Decide What To Do with Summit View." Las Vegas Sun, 24 Sept. 2001.

Snyder, Howard N. and Melissa Sickmund. "Juveniles in Correction Facilities." In Juvenile Offenders and Victims: 1999 National Report. Washington, DC: National Center for Juvenile Justice, Sept. 1999.

Stern, Andrew. "California: An Exchange." The American Project, 2-16 July 2001, 18.

Stone, Robyn I. And Joshua M. Wiener. Who Will Care For Us? Addressing The Long-term Care Workforce Crisis. Washington DC: The Urban Institute, Oct. 2001.

Stone, Robyn. "Frontline Workers in Long-Term Care – A Background Paper." Washington, DC: Institute for The Future of Aging Adults. 31 Jan. 2001. (Draft.)

Strauss, Robert P. "Who Gets Hired to Teach? The Case of Pennsylvania." In Better Teachers, Better Schools. Ed. Marci Kanstoroom and Chester E. Finn, Jr. Washington, DC: Thomas B. Fordham Foundation, July 1999.

Sylvester, Kathleen and Michael Umpierre. Learning From Federal Reinvention: Lessons For States and Communities. Baltimore: Annie E. Casey Foundation, n.d. (Draft.)

- Torbet, Patricia McFall. "Juvenile Probation: The Workhorse of the Juvenile Justice System." Washington, DC: Department of Justice, March 1996. (Bulletin of the Office of Juvenile Justice and Delinquency Prevention.)
- Training. "Industry Report 1999: An Overview of Employer Sponsored Training in The United States." Training, Oct. 1999, 12.
- ". "Industry Report 1999: An Overview of Employee Sponsored Training in the US." 36, No. 10, Oct. 1999.
- Turner, Brian J. "Union Innovation: Moving Workers From Poverty Into Family Sustaining Jobs." In Low Wage Workers in The New Economy. Ed. Richard Kazis and Marc S. Miller. Washington, DC: The Urban Institute Press, 2001.
- Twombly, Eric. Religious Versus Human Service Organizations: Implications for Public Policy. Washington, DC: The Urban Institute, Center on Nonprofits, 2001.
- Uchitelle, Louis. "Alternative to a Tax Cut: A Revitalized Public Sector." 20 May 2001.
- US Department of Education and Justice. "Safe and Smart: Making After-School Hours Work for Kids." Washington, DC: US Department of Education, June 1998.
- US Department of Labor, Bureau of Labor Statistics. Career Guide to Industries. Standard Industry Code 835, 2000-2001.
- ". Career Guide to Industries. Standard Industry Code 836, Residential Care.
- ". Career Guide to Industries 2000-2001. Standard Industry Code 83.
- ". Employment Earnings. Jan. 1999.
- ". Occupational Outlook Handbook 2000-2001. Correctional Officers.
- ". Occupational Outlook Handbook 2000-2001. Human Service Workers and Assistants.
- ". Occupational Outlook Handbook 2000-2001. Social Services Except Child Care.
- US Department of the Treasury. Investing in Childcare: Challenges Facing Working Parents and The Private Sector Response. Washington, DC: US Department of Treasury, 1999.

- US General Accounting Office. Child Support Enforcement: Early Results on Comparability of Privatized and Public Offices, Dec. 1996.
- University of Chicago, Gleacher Center. "Welfare Reform and Beyond." Symposium Proceedings. Chicago, IL: University of Chicago, Dec. 2000.
- University of Illinois at Chicago. "Who Will Come Care for Each of Us? America's Coming Health Care Labor Crisis." A Report From the Panel on The Future of The Health Care Labor Force in a Graying Society. US Department of Labor Secretary Lynn Martin, Chair. May 2001.
- VHA Health Foundation Inc. "Welfare to Work: Strategies for Health Care Reform." Irving, TX: VHA Health Foundation Inc., March 2001.
- Vanourek, Gregg, Bruno V. Manno, Chester E. Finn, Jr., and Louann A. Bierle. Charter Schools in Action Project, Final Report. Washington, DC: Hudson Institute, June 1997.
- Vinokur-Kaplan, Diane. "Where Did They Go? A National Follow Up of Child Welfare Trainees." Child Welfare, 66, No. 5 (Sept.-Oct. 1987): 411-21.
- Walters, Jonathan. "Toward a High Performance Workplace: Fixing Civil Service in Massachusetts." Boston: Pioneer Institute. Sept. 2000.
- "Older Than Ever." Governing, March 2000.
- "The Employee Exodus." Governing, March 2000, pp 36-38.
- Wessel, David. "The Hidden Cost of Labor Strife." Wall Street Journal, 10 Jan. 2002.
- Whitaker, Barbara. "Childcare: An Industry For All Economic Seasons." New York Times, 16 Dec. 2001.
- The White House. "Community Based Alternatives for Individuals with Disabilities." Executive Order, 19 June 2001.
- Whitebrook, Mary. NAEYC Accreditation and Assessment. Washington, DC: National Center for the Early Childhood Workforce, 1997.
- Whitebrook, Mary, D. Phillips and C. Howes. "The National Childcare Staffing Study Revisited." Oakland, CA: Childcare Employee Project, 1993.
- Whitebrook, Mary, Laura Sakai, Emily Gerber and Carollee Howes. "Then and Now: Changes in Childcare Staffing 1994-2000." Washington, DC: CCW, 2001.

- Whitebrook, Mary, Laura Sakai and Carollee Howes. "NAEYC Accreditation as a Strategy for Improving Childcare Quality." Washington, DC: CCW, 1992.
- Winefield, H. and J. Barlow. Client and worker satisfaction in a child protection agency. *Child Abuse and Neglect*, 19, No. 8 (1995): 897-905
- Winter, Soren C. "Reconsidering Street-Level Bureaucracy Theory: From Identifying To Explaining Coping Behavior." Association for Public Policy Analysis and Management. (Draft.)
- W. T. Grant Foundation Commission on Work, Family, and Citizenship. The Forgotten Half: Pathways to Success for America's Youth and Young Families. Final Report. Washington, DC: W. T. Grant Foundation, November 1998.
- "The Forgotten Half: Non College Youth in America." Interim Report. Washington, DC: W. T. Grant Federation, January 1998.
- Wuthnow, Robert. Acts of Compassion. Princeton, NJ: Princeton University Press, 1991.
- Yanoff, Shelley D. and Kelly Collings. "Who Will Teach our Children?" Philadelphia: City-Neighborhood Schools Initiative, March 2001.
- Zaslow, Martha J. and Kathleen Tout. "Child Care Quality Matters." The American Prospect (April 8, 2002): 49.
- Zhao, Yilu. "Nursing Group, Facing Shortages of Recruits, Courts, Police Officers and Firefighters." New York Times, 1 July 2001.