

A total of 2,236 child care center (center) inspections, 630 family child care home (family home) inspections, and 960 group child care home (group home) inspections were analyzed for this study.

For each of the respective provider types (center, family home, and group home) the team identified those homes which had the fewest violations during their most recent full inspections. These homes were considered highly compliant for purposes of this study. We then identified those homes which had the most violations for each of the respective provider types (center, family home, and group home) and considered these homes minimally compliant.

Once these groups were identified for each of the provider types, statistical tests were conducted to measure the strengths of associations between each regulation and the high and minimally complaint groups. Those regulations with the strongest association to high compliance were then identified as key indicators.

Child Care Center			
Reg	Strength of Association	Heading	Regulation
R 400.8143(1)	0.51	Children's records	(1) At the time of the child's initial attendance, the center shall obtain a child information card, using a form provided by the department or a comparable substitute, completed and signed by the parent, and the center shall keep it on file and accessible in the center.
R 400.8125(10)	0.43	Staff and volunteers	(10) The documentation required by subrule (4), (6), (7) and (8) of this rule shall be updated every 2 years at renewal and upon request by the department and shall be kept on file at the center.
R 400.8128	0.40	Health of staff and volunteers	Evidence that all staff members and each volunteer who has contact with children at least 4 hours per week for more than 2 consecutive weeks is free from communicable tuberculosis, verified within 1 year before employment or volunteering, shall be kept on file at the center.
R 400.8125(7)	0.37	Staff and volunteers	(7) A staff member shall not be present in the center until there is documentation from the department of human services on file at the center that he or she has not been named in a central registry case as a perpetrator of child abuse or child neglect.
R 400.8161(1)(c)	0.35	Emergency procedures	(1) Written procedures for the care of children and staff for each of the following emergencies shall be developed and implemented: (c) Other natural or man-made disasters.
R 400.8155(5)	0.35	Child accidents and incidents; child and staff illness	(5) A policy detailing when children, staff, and volunteers will be excluded from child care due to illness shall be developed and implemented.
R 400.8131(7)	0.35	Professional development requirements	(7) All program directors, lead caregivers, and at least 1 caregiver on duty in the center at all times in programs serving preschool age children and younger shall have current first aid and infant, child, and adult CPR training.

R 400.8125(4)	0.34	Staff and volunteers	(4) A criminal history check using the Michigan department of state police internet criminal history access tool (ICHAT), or equivalent, for a person's state of official residence, shall be completed before making an offer of employment to that person. A copy of the ICHAT shall be kept on file at the center.
R 400.8125(12)	0.34	Staff and volunteers	(12) A written statement shall be signed and dated by staff and volunteers at the time of hiring or before volunteering indicating all of the following information: (a) The individual is aware that abuse and neglect of children is against the law. (b) The individual has been informed of the center's policies on child abuse and neglect. (c) The individual knows that all staff and volunteers are required by law to immediately report suspected abuse and neglect to children's protective services.
R 400.8131(4)	0.33	Professional development requirements	(4) All program directors, site supervisors, and caregivers shall complete 16 clock hours of professional development annually on topics relevant to job responsibilities, including, but not limited to, child development and learning; health, safety and nutrition; family and community collaboration; program management; teaching and learning; observation, documentation, and assessment; interactions and guidance; professionalism; and the child care center administrative rules. The center may count CPR and first aid training for up to 2 hours of the annual professional development hours in the year taken.
R 400.8131(3)	0.33	Professional development requirements	(3) Before unsupervised contact with children, each caregiver, site supervisor, and program director shall complete blood-borne pathogen training.
R 400.8161(5)	0.33	Emergency procedures	(5) A fire drill program consisting of at least 1 fire drill quarterly shall be established and implemented.

R 400.8161(2)	0.32	Emergency procedures	(2) The written procedures shall include all of the following: (a) A plan for evacuating and safely moving children to a relocation site. (b) A method for contacting parents and reuniting families. (c) A plan for how each child with special needs will be accommodated during each type of emergency.
R 400.8131(5)	0.32	Professional development requirements	(5) An on-going professional development plan shall be developed and implemented to include all the training and professional development required by the child care center administrative rules.
R 400.8143(6)(c)	0.31	Children's records	(6) Within 30 days of initial attendance, 1 of the following shall be obtained and kept on file and accessible in the center: (c) For preschoolers: A physical evaluation performed within the preceding year signed by a licensed health care provider. Any restrictions shall be noted.
R 400.8143(3)(a)	0.30	Children's records	(3) At the time of initial attendance, 1 of the following shall be obtained and kept on file and accessible in the center for children under school-age: (a) A certificate of immunization showing a minimum of 1 dose of each immunizing agent specified by the department of community health.
R 400.8143(10)	0.30	Children's records	(10) The center shall maintain an accurate record of daily attendance at the center that includes each child's first and last name and each child's arrival and departure time.
R 400.8146(2)	0.29	Information provided to parents	(2) Written documentation that the parent received the written information packet as required by subrule (1) of this rule shall be kept on file at the center.
R 400.8110(4)	0.29	Licensee	(4) There shall be a licensing notebook on the premises which includes all licensing inspection and special investigation reports and related corrective action plans since May 28, 2010 and a summary sheet outlining the documents contained in the notebook. The notebook shall be made available to parents and prospective parents at all times during the center's normal hours of operation.

R 400.8164(3)	0.29	Telephone service	(3) Emergency telephone numbers, including 911, fire, police, and the poison control center, and the facility's physical address and 2 main cross streets, shall be conspicuously posted immediately adjacent to all center telephones.
R 400.8161(6)	0.27	Emergency procedures	(6) A tornado drill program consisting of at least 2 tornado drills between the months of April through October shall be established and implemented.
R 400.8155(1)	0.27	Child accidents and incidents; child and staff illness	(1) A plan for when and how parents will be notified when the center observes changes in the child's health, a child experiences accidents, injuries, or incidents, or when a child is too ill to remain in the group shall be developed and implemented.
R 400.8325(1)	0.27	Sanitization	(1) All tableware, utensils, food contact surfaces, and food service equipment shall be thoroughly washed, rinsed, and sanitized after each use. Multi-purpose tables shall be thoroughly washed, rinsed, and sanitized before and after they are used for meals or snacks.
R 400.8125(3)(a)	0.26	Staff and volunteers	(3) Both of the following shall be developed and implemented: (a) A written screening policy for all staff and volunteers, including parents. The written screening policy shall include when a staff member cannot be present at the center as indicated in subrule (5) and (7) of this rule.
R 400.8340(3)	0.26	Food services and nutrition; provided by parents	(3) Breast milk, formula, milk, other beverages, and food furnished in a same-day supply shall be covered and labeled with the child's first and last name and the date.
R 400.8173(2)	0.25	Equipment	(2) The current list of unsafe children's products that is provided by the department shall be conspicuously posted in the center, as required by section 15 of the children's product safety act, 2000 PA 219, MCL 722.1065.

R 400.8146(1)	0.25	Information provided to parents	<p>(1) A center shall provide a written information packet to each parent enrolling a child that includes at least all of the following:</p> <ul style="list-style-type: none"> (a) Criteria for admission and withdrawal. (b) Schedule of operation, denoting hours, days, and holidays during which the center is open and services are provided. (c) Fee policy. (d) Discipline policy. (e) Food service policy. (f) Program philosophy. (g) Typical daily routine. (h) Parent notification plan for accidents, injuries, incidents, illnesses. (i) Exclusion policy for child illnesses. (j) Notice of the availability of the center's licensing notebook. The notice shall include all of the following: <ul style="list-style-type: none"> (i) The licensing notebook contains all the licensing inspection and special investigation reports and related corrective action plans since May 28, 2010. (ii) The licensing notebook is available to parents during regular business hours. (iii) Licensing inspection and special investigation reports from at least the past 2 years are available on the child care licensing website at www.michigan.gov/michildcare. The website address must be in bold print.
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Family Child Care Home			
Regulation	Strength of Association	Heading	Regulation
R 400.1945(3)	0.59	Fire; tornado; serious accident and injury plans	(3) Fire drills shall be practiced at least once a month and a written record that includes the date and time it takes to evacuate shall be maintained.
R 400.1945(4)	0.58	Fire; tornado; serious accident and injury plans	(4) Tornado drills shall be practiced once a month, April to October, and a written record that includes the date shall be maintained.
R 400.1907(1)(a)	0.50	Children's records	(1) Prior to initial attendance, the caregiver shall obtain the following documents: (a) A completed child information card on a form provided by the department or a comparable substitute approved by the department.
R 400.1907(3)	0.47	Children's records	(3) Dated daily attendance records of children in care shall be maintained and shall include the child's first and last name and the time of arrival and departure.
R 400.1944(1)	0.46	Smoke detectors; fire extinguishers	(1) Operable smoke detectors approved by a nationally recognized testing laboratory shall be installed and maintained on each floor of the home, including the basement, and in all sleeping areas and bedrooms used by children in care.
R 400.1932(2)	0.45	Home maintenance and safety	(2) All dangerous and hazardous materials or items shall be stored securely and out of the reach of children.
R 400.1903(1)(f)	0.43	Caregiver responsibilities	(1) A caregiver shall be responsible for all of the following provisions: (f) Have a written and signed agreement with a responsible person who is 18 years of age or older to provide care and supervision for children during an emergency situation.

R 400.1907(1)(b)	0.41	Children's records	<p>(1) Prior to initial attendance, the caregiver shall obtain the following documents:</p> <p>(b) A child in care statement/receipt using a form provided by the department and signed by the parent certifying the following:</p> <p>(i) Receipt of a written discipline policy.</p> <p>(ii) Condition of the child's health.</p> <p>(iii) Receipt of a copy of the family and group child care home rules.</p> <p>(iv) Agreement as to who will provide food for the child.</p> <p>(v) Acknowledgment that the assistant caregiver is 14 to 17 years of age, if applicable.</p> <p>(vi) Acknowledgment that firearms are on the premises, if applicable.</p> <p>(vii) If the child care home was built prior to 1978, then the caregiver shall inform the parents of each child in care and all assistant caregivers of the potential presence of lead-based paint or lead dust hazards, unless the caregiver maintains documentation from a lead testing professional that the home is lead safe.</p>
R 400.1907(2)	0.38	Children's records	(2) Records in subrule (1) of this rule shall be reviewed and updated annually or when information changes
R 400.1941(2)	0.37	Heat-producing equipment	(2) Combustible materials and equipment shall not be stored within 4 feet of furnaces, other flame or heat-producing equipment, or fuel-fired water heaters.
R 400.1905(1)	0.37	Training	(1) The caregiver shall complete not less than 10 clock hours of training each year related to child development, program planning, and administrative management for a child care business, not including CPR, first aid, and blood-borne pathogen training.
R 400.1944(3)	0.34	Smoke detectors; fire extinguishers	(3) A home shall have at least 1 functioning multipurpose fire extinguisher, with a rating of 2A-10BC or larger, properly mounted not higher than 5 feet from the floor to the top of the fire extinguisher, on each floor level approved for child use.
R 400.1933(4)	0.34	Water supply; sewage disposal; water temperature	(4) Hot water temperature shall not exceed 120 degrees Fahrenheit at water faucets accessible to children.

R 400.1915(4)	0.33	Indoor space; play equipment and materials	(4) The caregiver shall not use any equipment, materials, and furnishings recalled or identified by the U.S. Consumer Product Safety Commission (http://www.cpsc.gov/) as being hazardous. As required by 2000 PA 219, MCL 722.1065, the caregiver shall conspicuously post in the child care home an updated copy of the list of unsafe children's products that is provided by the department.
R 400.1905(7)(a)	0.33	Training	(7) Infant, child, and adult CPR and first aid training shall be maintained in the following manner: (a) Each year for CPR.
R 400.1920(5)(a)	0.30	Outdoor play area and equipment	(5) When swings, climbers, slides, and other similar play equipment with a designated play surface above 30 inches are used, they shall: (a) Not be placed over concrete, asphalt, or a similar surface, such as hard-packed dirt or grass.
R 400.1945(1)	0.29	Fire; tornado; serious accident and injury plans	(1) A written plan for the care of children shall be established and posted for each of the following emergencies: (a) Fire evacuation. (b) Tornado watches and warnings. (c) Serious accident or injury. (d) Water emergencies, if applicable
R 400.1903(8)(b)	0.28	Caregiver responsibilities	(8) The caregiver shall do both of the following: (b) Conspicuously post on the premises a notice stating that smoking is prohibited on the premises during child care hours.
R 400.1942(2)	0.27	Electrical service; maintenance	(2) All electrical outlets, including outlets on multiple outlet devices, accessible to children shall have safety covers.
R 400.1923(2)(d)	0.27	Diapering and toilet learning	(2) The designated changing area shall comply with all of the following: (d) Have a nonabsorbent, easily sanitized surface with a changing pad between the child and the surface.
R 400.1905(7)(b)	0.25	Training	(7) Infant, child, and adult CPR and first aid training shall be maintained in the following manner: (b) Every 36 months for first aid.

MCL 722.113g	0.25	Licensing notebook	<p>(1) The operator of a child care center, group child care home, or family child care home shall maintain a licensing notebook on its premises. The licensing notebook shall be made available for review to parents or guardians of children under the care of, and parents or guardians considering placing their children in the care of, the child care center, group child care home, or family child care home.</p> <p>(2) The licensing notebook described in subsection (1) shall include the reports from all licensing or registration inspections, renewal inspections, special investigations, and corrective action plans. The licensing notebook shall also include a summary sheet outlining the reports described in this subsection. The information in the licensing notebook shall be updated as provided by the department and must be made available to parents, guardians, and prospective parents or guardians at all times during the child care center's, group child care home's, or family child care home's normal hours of operation.</p> <p>(3) The department shall include on its "Child in Care/Receipt" form or any successor form used instead of that form a check box allowing the parent or guardian to acknowledge that he or she is aware of the information available in the licensing notebook available for his or her review on the premises of the child care center, group child care home, or family child care home and that the information is available on the department's website. The "Child in Care/Receipt" form or successor form shall contain in bold print the department's website address where the information may be located.</p>
R 400.1934(3)	0.25	Heating; ventilation; lighting	<p>(3) A carbon monoxide detector, bearing a safety certification mark of a recognized testing laboratory such as UL (Underwriters Laboratories) or ETL (Electrotechnical Laboratory), shall be placed on all levels approved for child care.</p>

R 400.1906(1)(b)	0.25	Records of caregiving staff and child care home family; record maintenance	<p>(1) The caregiver shall maintain a file for the caregiver and each assistant caregiver including all of the following:</p> <p>(b) A statement signed by a licensed physician or his or her designee and which attests to the individual's mental and physical health.</p> <p>(i) For the caregiver, within 1 year before issuance of the certificate of registration or initial license and at the time of subsequent renewals.</p> <p>(ii) For the assistant caregivers, within 1 year prior to caring for children and at the time of subsequent renewals.</p>
R 400.1932(1)	0.25	Home maintenance and safety	<p>(1) The structure, premises, and furnishings of a child care home shall be in good repair and maintained in a clean, safe, and comfortable condition.</p>
R 400.1906(2)	0.25	Records of caregiving staff and child care home family; record maintenance	<p>(2) Child care home family members 14 years of age or older shall have written evidence of freedom from communicable TB.</p>

Group Child Care Home			
Regulation	Strength of Association	Heading	Regulation
R 400.1907(1)(a)	0.48	Children's records	(1) Prior to initial attendance, the caregiver shall obtain the following documents: (a) A completed child information card on a form provided by the department or a comparable substitute approved by the department.
R 400.1906(1)(b)	0.44	Records of caregiving staff and child care home family; record maintenance	(1) The caregiver shall maintain a file for the caregiver and each assistant caregiver including all of the following: (b) A statement signed by a licensed physician or his or her designee and which attests to the individual's mental and physical health. (i) For the caregiver, within 1 year before issuance of the certificate of registration or initial license and at the time of subsequent renewals. (ii) For the assistant caregivers, within 1 year prior to caring for children and at the time of subsequent renewals.
R 400.1906(1)(f)	0.38	Records of caregiving staff and child care home family; record maintenance	(1) The caregiver shall maintain a file for the caregiver and each assistant caregiver including all of the following: (f) Documentation from the department of human services that the assistant caregiver has not been involved in substantiated child abuse or neglect.
R 400.1905(1)	0.37	Training	(1) The caregiver shall complete not less than 10 clock hours of training each year related to child development, program planning, and administrative management for a child care business, not including CPR, first aid, and blood-borne pathogen training.
R 400.1907(2)	0.37	Children's records	(2) Records in subrule (1) of this rule shall be reviewed and updated annually or when information changes
R 400.1905(3)	0.35	Training	(3) The caregiver shall assure that assistant caregivers have training that includes information regarding safe sleep practices (sudden infant death syndrome) and shaken baby syndrome prior to caring for children.

R 400.1905(7)(a)	0.34	Training	(7) Infant, child, and adult CPR and first aid training shall be maintained in the following manner: (a) Each year for CPR.
R 400.1907(1)(b)	0.32	Children's records	(1) Prior to initial attendance, the caregiver shall obtain the following documents: (b) A child in care statement/receipt using a form provided by the department and signed by the parent certifying the following: (i) Receipt of a written discipline policy. (ii) Condition of the child's health. (iii) Receipt of a copy of the family and group child care home rules. (iv) Agreement as to who will provide food for the child. (v) Acknowledgment that the assistant caregiver is 14 to 17 years of age, if applicable. (vi) Acknowledgment that firearms are on the premises, if applicable. (vii) If the child care home was built prior to 1978, then the caregiver shall inform the parents of each child in care and all assistant caregivers of the potential presence of lead-based paint or lead dust hazards, unless the caregiver maintains documentation from a lead testing professional that the home is lead safe.
R 400.1905(2)	0.32	Training	(2) Each assistant caregiver shall complete not less than 5 clock hours of training each year related to child development and caring for children, not including CPR, first aid, and blood-borne pathogen training.
R 400.1945(3)	0.32	Fire; tornado; serious accident and injury plans	(3) Fire drills shall be practiced at least once a month and a written record that includes the date and time it takes to evacuate shall be maintained.
R 400.1907(3)	0.31	Children's records	(3) Dated daily attendance records of children in care shall be maintained and shall include the child's first and last name and the time of arrival and departure.

R 400.1906(1)(c)	0.31	Records of caregiving staff and child care home family; record maintenance	(1) The caregiver shall maintain a file for the caregiver and each assistant caregiver including all of the following: (c) Written evidence of freedom from communicable tuberculosis (TB): (i) For the caregiver, before issuance of the certificate of registration or initial license. (ii) For the assistant caregivers, prior to caring for children.
R 400.1904(1)(c)	0.30	Assistant caregivers	(1) An assistant caregiver shall meet all of the following requirements: (c) Have proof of valid infant/child/adult CPR, first aid, and blood-borne pathogen training within 90 days of hire.
R 400.1945(4)	0.30	Fire; tornado; serious accident and injury plans	(4) Tornado drills shall be practiced once a month, April to October, and a written record that includes the date shall be maintained.
R 400.1932(2)	0.29	Home maintenance and safety	(2) All dangerous and hazardous materials or items shall be stored securely and out of the reach of children.
R 400.1906(1)(g)	0.26	Records of caregiving staff and child care home family; record maintenance	(1) The caregiver shall maintain a file for the caregiver and each assistant caregiver including all of the following: (g) A written statement signed and dated by the assistant caregiver at the time of hiring indicating all of the following information: (i) The individual is aware that abuse and neglect of children is unlawful. (ii) The individual knows that he or she is mandated by law to report child abuse and neglect. (iii) The individual has received a copy of the discipline policy.
R 400.1944(1)	0.25	Smoke detectors; fire extinguishers	(1) Operable smoke detectors approved by a nationally recognized testing laboratory shall be installed and maintained on each floor of the home, including the basement, and in all sleeping areas and bedrooms used by children in care.