straight-line, least squares regression formula: \( Y = a + bx \), where \( Y \) is the hourly rate, \( x \) is grade, \( a \) is the intercept of the payline with the Y-axis, and \( b \) is the slope of the payline.

(i) The unit payline shall be computed using a weight of one for each of the usable survey jobs and the weighted average rates identified and computed under paragraph (a) of this section.

(ii) The frequency payline shall be computed using a weight equal to the number of weighted matches for each of the usable survey jobs and the weighted average rates identified and computed under paragraph (a) of this section.

(2) Either or both of the lines computed according to paragraph (b)(1) of this section may be recomputed after eliminating survey job data that cause distortion in the lines.

(3) The lead agency may compute midpoint paylines using the following formula: \( Y = \frac{(a_u + a_f)}{2} + \frac{(b_u + b_f)}{2}x \), where \( Y \) is the hourly rate, \( x \) is the grade, \( a_u \) is the intercept of the unit payline, \( a_f \) is the intercept of the frequency payline, \( b_u \) is the slope of the unit payline, and \( b_f \) is the slope of the frequency payline. A midpoint line may be computed using the paylines based on all of the usable survey job data as described in paragraph (b)(1) of this section, and a second midpoint line may be computed using the paylines based on limited survey job data authorized in paragraph (b)(2) of this section.

(4) The lead agency may compute other paylines for the purpose of instituting changes in the scope of the survey.

(c) Usable data obtained from a particular establishment may not be modified or deleted in order to reduce the effect of an establishment’s rates on survey findings, i.e., data will not be deleted or modified to avoid establishment domination.

§ 532.247 Wage change surveys.

(a) Wage change surveys shall be conducted in each wage area in years during which full-scale wage surveys are not conducted.

(b) Data shall be collected in wage change surveys only from establishments which participated in the preceding full-scale survey. Information concerning pay adjustments of general application in effect for jobs matched in each establishment which participated in the preceding full-scale survey shall be obtained.

(c) Data may be obtained in wage change surveys by telephone, mail, or personal visit. The chairperson of the local wage survey committee shall determine the manner in which establishments will be contacted for collection of data. Data may be collected by the local wage survey committee members or by data collectors appointed and assigned to two member teams in accordance with § 532.233(e) of this subpart.

(d) Wage change survey data may not be collected before the date ordered by the lead agency.

(e) The local wage survey committee shall review all wage change survey data collected and forward the data to the lead agency. Where appropriate, the committee shall also forward to the lead agency a report of unusual circumstances surrounding the survey.

(f) The lead agency shall review the wage change survey data and, if applicable, the report filed by the local wage survey committee.

(g)(1) The lead agency shall recompute the line selected under § 532.245(a) of this subpart in the preceding full-scale survey using the wage change survey data and shall construct wage schedules therefrom in accordance with § 532.203 and, if appropriate, § 532.205 of this subpart.

(2) The lead agency shall consult with the agency wage committee in accordance with § 532.243 of this subpart.

(h) Records of this process shall be maintained in accordance with § 532.245(b) of this subpart.

§ 532.249 Minimum rates for hard-to-fill positions.

(a) The lead agency for a wage area may establish the rate of the second, third, fourth, or fifth step of one or more grades of an occupation as the mandatory minimum rate or rates payable by any agency for the occupation at one or more locations within a wage area based on findings that:

(1) The hiring rates prevailing for an occupation in private sector establishments in the wage area are higher than the rate of the first step of the grade or grades of the occupation; and

(2) Federal installations and activities in the wage area are unable to recruit qualified employees at the rate of the first step of the grade or grades of the occupation.

(b) Any authorizations made under paragraph (a) of this section shall be indicated on the regular wage schedule for the wage area.

(c) Any authorizations made under paragraph (a) of this section shall be terminated with the issuance of a new regular wage schedule unless the conditions that warrant the authorizations continue and the new regular wage schedule continues that authorization.

(d) The lead agency, prior to terminating any authorization made under paragraph (a) of this section, shall require the appropriate official or officials at all installations or activities to which the authorization applies to discuss the termination with the appropriate official or officials of exclusively recognized employee organizations representing employees in the affected occupation. The agency officials shall report the results of these discussions to the lead agency.

(e) No employee shall have his/her pay reduced because of cancellation of an authorization made under paragraph (a) of this section.