

The Wyoming Cost of Living Index

Policies & Procedures

Division of Economic Analysis

**Department of Administration &
Information**

Revised: August 23, 1999

Table of Contents for Wyoming Cost of Living Program Policies and Procedures

Chapter 1 - Wyoming Cost of Living Index Overview

- Section 1. Geographical Coverage of the WCLI.
- Section 2. Regional Breakdown of the WCLI.
- Section 3. Categories and Items used in the WCLI.
- Section 4. Use of Item Weights in the WCLI.
- Section 5. Data Published by the Division of Economic Analysis from the WCLI.

Chapter 2 - Price Collection

- Section 1. Price Collection Sheets.
- Section 2. Price Collection.
- Section 3. Rental Data.

Chapter 3 - Data Entry & Review

- Section 1. Entry.
- Section 2. Missing Data.
- Section 3. Number of Prices Needed.
- Section 4. Preliminary Check.
- Section 5. Advanced Checks.

Chapter 4 - Comparative Index

- Section 1. Calculations.
- Section 2. Checks.

Chapter 5 - Inflation Index

- Section 1. Calculations.
- Section 2. Checks.

Chapter 6 - Price Collector Guidelines

- Section 1. General.
- Section 2. Store Protocols.
- Section 3. Price Collection Specifics.
- Section 4. Compensation.

Appendix A - Price Collection Sheet

Appendix B - Mapping of Transformation from CPI-U weights to WCLI weights

Chapter 1

Wyoming Cost of Living Index Overview

Section 1. Geographic Coverage. As currently defined by the Wyoming Cost of Living Index (WCLI) Rules, there are 27 cities and towns in Wyoming in which price collection shall occur. Below is a list of all 27 communities, by county.

<u>County</u>	<u>Community</u>	<u>County</u>	<u>Community</u>
Albany County:	Laramie	Natrona County:	Casper
Big Horn County:	Greybull	Niobrara County:	Lusk
	Lovell	Park County:	Cody
Campbell County:	Gillette		Powell
Carbon County:	Rawlins	Platte County:	Wheatland
Converse County:	Douglas	Sheridan County:	Sheridan
Crook County:	Sundance	Sublette County:	Pinedale
Fremont County:	Lander	Sweetwater County:	Green River
	Riverton		Rock Springs
Goshen County:	Torrington	Teton County:	Jackson
Hot Springs County:	Thermopolis	Uinta County:	Evanston
Johnson County:	Buffalo	Washakie County:	Worland
Laramie County:	Cheyenne	Weston County:	Newcastle
Lincoln County:	Kemmerer		

Section 2. Regional Breakdown of the WCLI. The WCLI will be composed of five regional areas; Northwest, Northeast, Central, Southeast, and Southwest. The Northwest Region will be composed of Teton, Park, Hot Springs, Washakie, and Big Horn counties. The Northeast Region will contain Sheridan, Johnson, Campbell, Crook, and Weston counties. The Central Region will contain Fremont, Natrona, and Converse counties. The Southeast Region will be composed of Carbon, Albany, Laramie, Platte, Niobrara, and Goshen counties. The Southwest region will be composed of Sweetwater, Uinta, Lincoln, and Sublette counties.

Section 3. Categories and Items used in the WCLI. As defined by the WCLI rules the WCLI shall be made up of item in the following categories: Food, Housing, Apparel, Transportation, Medical, and Recreation & Personal Care. Prices for 140 items will be collected for purposes of calculating the WCLI. A pricing sheet from the most recent WCLI will be included with these Policies and Procedures as Appendix A to show the items and their descriptions.

Section 4. Use of Item Weights in the WCLI. Once the "Relative importance of components in the Consumer Price Indexes: U.S. city average, Table I" has been obtained, the weights shall be recalculated for the WCLI prior to the calculation of the 2nd Quarter WCLI. The Division will strive to keep the category weights for the WCLI similar to the category weights found in the Consumer Price Index (CPI-U). A mapping of the transformation from CPI-U weights to WCLI weights will be included with these Policies and Procedures as Appendix B.

Section 5. Data Published by the Division of Economic Analysis from the WCLI. In addition to the Comparative Index and Inflation Rate the Division will also make available as much data from the WCLI as can easily be made available to the public without violating any agreements to keep such data private to obtain the data.

Chapter 2

Price Collection

Section 1. Price Collection Sheets. The Division of Economic Analysis will provide each enumerator with a price sheet that will be used to collect the prices used in the WCLI. Each price sheet will include the title and detailed description of the item being priced. Also, the individual items are listed under their respective major category (food, housing, apparel, transportation, medical care, and recreation and personal care). Appropriate space will be provided for recording the price of each item. Additionally, up to six different stores may be priced for each item, and when available, the name of the stores where the items are located will be provided. Space will also be allocated for the enumerators to add more stores if less than six are listed.

The price sheets will be updated before each semi-annual price collection for the WCLI. Any new stores or changes in store names will be reflected in the price sheets before each price collection period. The Division of Economic Analysis will also request any feedback from the enumerators on how to improve the descriptions of the items in the index or the availability of the items, and appropriate changes will be made when deemed necessary. If an item is to be replaced, prices for the new item must be collected for two consecutive price collection periods before it is incorporated into the index so that consistency and comparability is maintained.

Section 2. Price Collection. The methods used to collect the price data for the WCLI may include the use of local newspapers from the cities and towns in which price collection occurs, mailing price collection surveys, and enumerators collecting the price data listed on the price sheets provided. Local newspapers will be used to collect rental data on apartments, houses, and mobile homes for the three months of the quarter for which the WCLI is being conducted. Price collection surveys will be mailed to gas utility companies, electric utility companies, telephone utility companies, water utility companies, hospitals, auto insurance companies, and some doctors and dentists who have requested the mailed survey be used. The price sheets will be used by the enumerators to collect all price data that are listed on the sheets with the exception of those items that are described as "DO NOT COMPLETE". The enumerators will collect the price data by either physical inspection of the described items at the stores where the items are located or by calling the establishments where the item is located or provided and describing the item's description and recording the price.

The price survey mailed to gas companies for every city in which price data are collected will ask for the average monthly residential cost per residence, excluding sales tax, for each month within the quarter being priced. Also, the minimum monthly service/customer charge and the unit cost per CCF will be requested at the 200 CCFs of consumption level. The survey mailed to electrical companies for every city in which price data are collected will ask for the average monthly residential cost per residence, excluding sales tax, for each month within the quarter being analyzed. Also, the minimum monthly/service/customer charge and unit cost per KWH at the 800 KWHs of consumption level will be requested. The water survey will ask for the monthly water service charge for 9000 gallons, excluding tax, for every city in which price data are collected.

The telephone survey will ask for the monthly rate, including tax, for a private residential line, no extensions, with touch tone service and EAS charges as appropriate for every city in which price data are collected. The price survey mailed to hospitals, where available, for every

city in which price data are collected will request the daily cost for a semi-private room on a medical/surgical floor with intermediate or medium acuity level and the fee charged for a complete urinalysis, with micro, CPT code 81000 or 81001. The survey mailed to collect automobile insurance rates for each county in the state will ask for the six month insurance rate for a three year old Ford Taurus GL 4-door sedan, gasoline powered, and driven 7500 miles or more per year. Also, the primary driver is a 27 year old married male, and the coverage is 100/300/50, \$50,000 medical, \$100 deductible comprehensive, \$250 deductible collision, towing, and uninsured motorist 100/300. Some doctors and dentists have asked that rather being surveyed on the phone by the enumerators, a pricing survey be mailed. The doctor pricing survey will ask for the price of a routine office visit/CPT code 99212. The dentist pricing survey requests the fees for the following; ADA 0120 (periodic oral exam), ADA 0274 (4 bite wing X-rays), and ADA 1110 (preventive scaling and polishing).

The cost of a one-way bus fare from Cheyenne to Rock Springs, the cost of a one month subscription with home delivery to the Casper Star Tribune, as well as the price of a first class stamp will be collected. These values will be uniform throughout the state and will be collected by the Division of Economic Analysis.

Section 3. Rental Data. The Division will collect monthly rental values on the following; apartments, houses, mobile homes, and mobile home lots. Apartment, house, and mobile home lot rents will be collected from the classified section of the local newspaper for every city in which price data are collected, the enumerators will collect rental values by contacting local rental companies. Mobile home lot rents will be collect by the enumerators by contacting appropriate businesses and asking for the rent value of the business' mobile home lots. The rental data will be collected for the three months of the quarter for which the WCLI is being conducted.

Apartment rent data will be collected on two bedroom, unfurnished dwellings, excluding gas and electric utilities. Housing rent data will be collected on two or three bedroom, single family homes, excluding gas and electric utilities. Mobile home rent values will reflect total monthly rental expenses, including lot rent. Mobile home lot rent data will be collected on single wide lots, including water.

Chapter 3

Data Entry and Review

Section 1. Entry. Price data from all sources will be entered into a central data entry computer file. The data from the price collection sheets, price survey letters, and rental data computer file will be collected into the central data entry file. The price data collected by the enumerators will be entered into the data entry sheets for each individual city. The data received from the price surveys will be entered into the corresponding cells in the data entry sheets and into any other appropriate files as explained below. The rental data collected through the newspapers will initially be entered into separate rental files where an average rental cost is calculated for each rental category for each city in the WCLI. After the rental data collected by the enumerators is incorporated with the data located in the rental files and appropriate checks have been made (described in Chapter 3, Sections 3 and 4), the final average rent values will be entered into the data entry sheets.

The price sheets used by the enumerators to collect price data should begin to be received by the Division of Economic Analysis during the week after the pricing of the items is completed. The data from the price sheets will be entered in the central data entry file within four weeks of the end of the price collection period. Throughout the WCLI price collection and analysis period, responses to the price surveys mailed out to various sources (described in Chapter 2, Section 2) will be received by the Division of Economic Analysis. The responses can be sent back in the self addressed stamped envelope provided by the division or in the form of fax or e-mail. As the responses are received, the data contained within the surveys will be entered into the appropriate files.

The data received from the gas and electric utility price surveys are entered into three data sheets. The average monthly cost of gas and electricity for the price collection quarter will be entered into the data entry sheet for each individual city for use in the comparative index. Also, these average monthly costs will be entered into a rate comparison sheet which is primarily used as a quick reference to track the data that has been received and what still needs to be collected. Additionally, for gas, the cost of 200 CCFs of consumption, and for electricity, the cost of 800 KWH's of consumption, is entered into a separate sheet for use in the inflation index. The separate inflation sheet will also have the previous year's data entered to complete the comparison.

The telephone, water, and hospital price survey data will be entered into the appropriate cell in the data entry sheets for each city, with the price survey from the hospital providing data for a hospital room and lab test. Also, this data will also be entered into the rate comparison sheet. The cost of auto insurance provided by the price survey is entered only into the data entry sheets as is the cost data received from the few doctors and dentists that request the price survey letters be used.

Price data will be collected by the Division for five items used in the WCLI. Hotel/motel rent, floor coverings, auto purchase (new and used), health insurance, and financial and miscellaneous items are assumed to be uniform throughout the state and are only a factor in the inflation calculation. For comparative index calculations, each of these items will have the number "one" entered for their value in all cities. For use in the inflation index, the inflation rates calculated for the US CPI-U will be used. The Detailed CPI reports issued by the US Department of Labor, Bureau of Labor Statistics - Table 1, Consumer Price Index for All Urban

Consumers is were the required information is located. For items except new and used cars, only the unadjusted percent change is needed, and for new and used cars, the relative importance and unadjusted percent change will be required. This information in entered into the separate sheet used in the inflation index. The second quarter WCLI will use the June Detailed CPI reports and the fourth quarter WCLI will use the December Detailed CPI reports to collected the needed information.

Section 3. Preliminary Check. A preliminary check for accuracy will be completed on the data entered into the computer files within six weeks of the completion of the price collection period. In this initial check, obvious outliers will be addressed. For example, if \$4500 was entered for apartment rent, it is most likely a data entry error, and should be corrected. Also, when entering data from the price sheets, if the enumerator has entered a price but has noted the item does not match the description, this must be noted and determined if the price should be eliminated because it does not match the item description.

Also, to ensure that the data has been entered correctly from the price sheets, two people, one reading from the price sheets and the other checking the entries on the computer, should check through each city's price sheet to be sure that no mistakes were made in data entry. By completing these initial check procedures, obvious errors will be corrected and more advanced checks can begin.

Section 4. Advanced Checks. An advanced check of the data recorded for use in the WCLI will be completed within eight weeks of the completion of the price collection period. A statistics sheet is included with the central data entry file which records the statewide mean, minimum, and maximum values for each of the items priced. If the recorded minimum or maximum value is three or more standard deviations away from the mean, this value is flagged and needs to be checked for accuracy. Also, for each county's data entry sheet, the average after tax value is recorded along with the statewide average for each item. If the county average is less than 66% or more than 150% of the statewide average, then the item is examined for accuracy.

Chapter 4

Comparative Index

Section 1. Calculations. The formulas in the WCLI Rules will be used to calculate the Comparative Index.

Section 2. Checks. After the Comparative Index has been calculated the Division will review the intermediate calculations and the final index to check for problem areas. In each community any category above 108 or below 92 will be reviewed, with the exception of the housing category. The housing category will be reviewed if it exceeds 115 or is below 85. The housing index numbers are further from 100 due to the large variation in rental rates across the state and the stretching of the housing that results. In addition, the apparel category within every community is reviewed automatically.

Within each category examined individual items will be reviewed to determine the reason for the unusually high or low index number. When the item or items have been identified, the prices collected for those items will be reviewed to determine their accuracy. They will be compared to prices collected for the same item in other communities, prices collected for the same item in the same community the previous pricing period, and if need, by contacting merchants in the community to verify the price.

Chapter 5

Inflation Index

Section 1. Calculations. The formulas in the WCLI Rules will be used to calculate the Inflation Index.

Section 2. Checks. After the Inflation index has been calculated, the Division will review the intermediate calculations and the final index to check for problem areas. In each community any category less than 0% or greater than 9.9% will be reviewed as well as any category more than 5% different from the State Wide Average inflation rate for that category. In addition, the apparel category within every community is reviewed automatically.

When the item or items have been identified, the prices collected for those items will be reviewed to determine their accuracy. They will be compared to prices collected for the same item in other communities, prices collected for the same item in the same community the previous pricing period, and if need, by contacting merchants in the community to verify the price. In addition, prices from the year ago period will be reviewed to determine if prices were collected in the same or comparable stores, that sales prices were not collected, or other unusual factors were not present. If adjustments need to be made they should be made to the prior period's prices.

Chapter 6

Price Enumerator Guidelines

Section 1. General. The WCLI is the only Wyoming specific inflation information available, and is used by numerous businesses, individuals, and local governments in the state. In addition, parts of the WCLI will be used to adjust the block grants that the school districts receive under the new education finance plan. It is very important that the prices collected are correct, and that as many prices as possible are collected for each item, in each surveyed city.

The WCLI pricing takes place twice a year, representing the second and fourth quarter periods of the calendar year. Specifically, the pricing period for the second quarter consists of the five days (Wednesday - Sunday) following July 4th. The fourth quarter pricing period consists of the five days (Wednesday - Sunday) following January 1st. The completed pricing sheets should be mailed back to the Division on the Monday following the pricing period. If a delay is anticipated, please notify the Division.

Section 2. Store protocol. When visiting a store to survey prices, price enumerators should introduce themselves to the manager and explain (if necessary) the price collection process. The Division will provide a generic "To Whom It May Concern" letter that can be shown to managers if verification is needed. It may be useful to mention to the manager that all information collected is confidential and will be released only in an aggregate format. No actual prices or store names are released. If price collecting problems are encountered with a store, please call the Division and we will contact the store and try to resolve the problem.

Section 3. Price collection specifics. The following is a list of pricing situations (and recommendations) that may arise when collecting prices.

1. Be careful to price the item that is specified; for example, item #4 is Bread - White, 16 oz., lowest price. This item will usually cost \$.33 to \$.59 a loaf but if you accidentally priced the OroWeat brand, the price could be as high as \$2.19 a loaf. The problem now becomes one where we have a wrong price that we can't use and we are also missing the correct price for that town. In general, if you can't find the specified item or the suggested alternative, please record a price for the next closest size available. If the 5 lb. bag of sugar isn't available but the 4 lb. is, record the 4 lb. price and the size on the price sheet. If an item is not available in a store (such as item #60 - mattress/box springs), then record **NA** for not available. But be sure to check the Yellow Pages to verify that the item is not carried by any business in your town.
2. When recording prices for clothing, record the regular price for the item and if the item is on sale, record the sale price as well in the space provided. Also, please collect prices from as many locations as possible. If you know of a new store, please write in the name of the store and price this store. If a store has gone out of business, please note this also on the price sheet.
3. It is not necessary to obtain all prices in person. Some examples of prices that may be obtained over the phone include restaurants (items 43 - 45), plumber, day care, dry cleaners, laundromat, labor cost, lube, doctor office visit, dentist, optometrist, haircut, movie, bowling, TV repair and alcohol (items 137 - 139). When soliciting prices over the phone, be very careful in describing the item!

Section 4. Compensation. Each price enumerator must sign and date the invoice attached to the pricing sheets. To receive compensation, this form must be returned to the Division along with the completed pricing sheets. The payment process begins as soon as the Division has received these items.

WYOMING COST OF LIVING INDEX

Appendix A

Wyoming City

FOOD INDEX	
1	CORN FLAKES - 18 OZ. BOX, lowest price.
2	FLOUR - GOLD MEDAL, 5LB. all purpose enriched.
3	BREAD - WHITE, 16 OZ., lowest price.
	BREAD - WHITE, 1 LB. 8 OZ. (24 OZ.), lowest price.
4	HAMBURGER - 1LB., REGULAR lowest price per pound.
5	ROUND STEAK - USDA, price per lb. Large steak - boneless not "Top" or "Bottom" Round.
	TOP ROUND STEAK - USDA, price per lb. This is the top piece of the round steak. Boneless. Usually costs more than round steak.
6	RUMP ROAST - 1LB., USDA choice, BONELESS, price per pound Also called "Bottom Round Roast."
7	CHUCK ROAST - USDA, price per lb. choice, BONELESS, pot roast not "Tender" or "English Cross-Rib."
8	PORK CHOPS - rib/loin, lowest price per lb., exclude family packs.
9	BACON - 1LB. sliced, lowest price per pound.
10	HAM - half ham, BONELESS, fully cooked, water added, lowest price per pound.
11	BEEF HOT DOGS - 1LB. lowest price per pound, (<i>NOT TURKEY or CHICKEN</i>).
12	BOLOGNA - packaged, sliced, 1LB. (16 oz) lowest price, (NOT TURKEY).
13	CHICKEN - frying, whole 1LB., price per pound.
14	FISH STICKS - frozen, 8 battered fish portions, 21.2 oz., lowest price.
15	TUNA - 6 oz. chunky, light meat, water packed, lowest price.
16	MILK - whole 1/2 gallon, carton, lowest price.
17	BUTTER - 1LB., lowest price per lb.
18	CHEESE - AMERICAN 12 OZ, sliced KRAFT, LUCERNE, BORDEN NOT CHEESE SUBSTITUTE.

19	APPLES - 1LB. DELICIOUS exclude cooking, price per lb.
20	BANANAS - 1LB., price per lb.
21	ORANGES - NO. 1 GRADE, price per lb.

Wyoming City

FOOD INDEX

22	LETTUCE - HEAD, price per lb. (if available) OR LETTUCE - HEAD, use the price per head & weigh the head. Record the price & weight.
23	POTATOES - 10 LB. bag, red. POTATOES - 10 LB. bag, white (Russet).
24	TOMATOES - fresh, firm U.S. No. 1, price per pound.
25	ORANGE JUICE - frozen 12 oz. can, 100% OJ concentrate, lowest price.
26	CANNED TOMATOES - WHOLE 14.5 oz. can, lowest price.
27	BEETS - 15 OZ. can, sliced, lowest price.
28	PEAS - 15 OZ. can, lowest price.
29	PEACHES - 29 OZ. HALVES, lowest price.
30	EGGS - LARGE, one dozen, grade AA or A.
31	MARGARINE/VEGETABLE OIL SPREAD, lowest price per lb. Not reduced calorie.
32	SALAD DRESSING - 8 OZ. Italian, lowest price.
33	SHORTENING - 3 LB. can, vegetable shortening, Crisco or some other brand.
34	PEANUT BUTTER - 18 OZ. jar, creamy style, Skippy, Jiff or Peter Pan.
35	SUGAR - 5 LB. bag, lowest price.
36	CANDY - M & M'S, 14 or 16 OZ. bag, plain or peanut.
37	COFFEE - 2 LB. OR 26 OZ. can, Folgers DRIP grind. (Note size if nec.) COFFEE - 39 OZ. Can Folgers DRIP grind, or similar brand
38	SOFT DRINK - 12 PACK of Pepsi Cola, 12 oz. cans.
39	BEAN W/ BACON CANNED SOUP 11 or 11.5 oz. can, lowest price.

	CHICKEN NOODLE CANNED SOUP 10.75 oz. can, lowest price.
40	SPAGHETTI - 14 3/4 OZ. can, tomato sauce w/ cheese, Campbells brand.
41	POTATO CHIPS - 12 to 14 OZ., lowest price, BRAND NAME.
42	FRENCH FRIES - 32 OZ., frozen, lowest price.
43	LUNCH - HAMBURGER DELUXE w/ single meat patty, tomato, onion, pickles, lettuce, and french fries.
44	DINNER - CHICKEN entree with soup or salad, vegetable, & choice of potato or rice.
45	COFFEE - One cup w/ minimum of one refill.

Wyoming City

HOUSING INDEX

46	APARTMENT RENT - monthly, 2 bedroom, unfurnished, excluding gas and electricity
47	MOBILE HOME LOT RENT monthly, including water, single wide.
48	HOTEL/MOTEL RENT
49	HOUSE RENT
50	MOBILE HOME RENT
51	INTERIOR HOUSE PAINT - white, 1 gallon, FLAT latex wall finish, mid-range price, (not a high or low price).
52	EXTERIOR HOUSE PAINT - white, 1 gallon, semi-gloss, mid-range price, (not a high or low price).
53	PLUMBER - unclog basement drain (laundry room drain not sewer drain) -- hourly rate or job rate including labor & use of small machine.
54	GAS UTILITIES
55	ELECTRIC UTILITIES
56	TELEPHONE

57	WATER UTILITIES
58	SHEETS - 4 piece, packaged set of 1 flat, 1 fitted, 2 standard pillow cases, 180 THREAD PERCALE, full size, poly/cotton blend, lowest price.
59	TOWELS - solid color, bath size, cotton or cotton/poly blend, lowest price.
60	MATTRESS/FOUNDATION full size mattress and box springs; firm with inner spring mattress, lowest price for set (54 x 75).
61	FLOOR COVERING

Wyoming City

HOUSING INDEX

62	RANGE - ELECTRIC, enamel finish, 4 coil burners, timer w/clock, single oven, w or w/o window, self cleaning.
63	WASHING MACHINE enamel finish, large capacity (18 lbs.) 2 speed, 2 (or more) wash temperature selections, automatic shut-off.
64	DRYER - ELECTRIC enamel finish, heavy duty, 2 (or more) drying cycles, 3 (or more) temperature selections.
65	VACUUM CLEANER - UPRIGHT, 4 carpet levels, w/ headlight, lowest price with these features.
66	ELECTRIC IRON - steam/dry iron w/ spray steam, lowest price w/ these features.
67	ELECTRIC DRILL - NOT CORDLESS 3/8" chuck, variable speed, hand held, lowest price w/ these features.
68	DETERGENT - 87 OZ. size (40 loads), powdered , TIDE, ERA, CHEER. DETERGENT - 100 FL.OZ. (32 loads), liquid , TIDE, ERA, CHEER.
69	SCOURING PADS - SOS brand, 18 pads (lemon OK).

	SCOURING PADS - SOS brand, 10 pads (lemon OK).
70	TOILET TISSUE 4 roll package, lowest price.
71	LIGHT BULBS - 100 WATT Sylvania, GE, or Westinghouse regular or softwhite, 4 pack.
72	POSTAGE
73	DAY CARE - 1 CHILD (3 - 5 year old), licensed, full time, daily rate, hourly rate, or monthly rate. (prefer daily rate)

Wyoming City

APPAREL AND UPKEEP

74	MENS CASUAL SLACKS - Like "Dockers" solid color, polyester-cotton blend, or all cotton, 2 scoop or slanting front pockets, w/ belt loops, or elastic waist.
75	BLUE JEANS - "WRANGLER", "LEVIS", or "LEE" (or any other brand of similar style). Zipper front, front slant pockets & back patch pockets. Size 36 x 32.
76	MENS SPORT SHIRT - polo style, solid color or stripe, long sleeve , cotton-poly blend or all cotton, 2-3 button pull over, w/ collar, may have pocket.
77	MENS BRIEFS - white 50-50 cotton-polyester or 100% cotton if blend not available, 3 pack.
78	MENS FLANNEL SHIRT long sleeve , 2 pockets, with collar, not lined or quilted.
79	MENS DRESS SOCKS 1x1 rib crew, ankle length, solid color, size 10 - 13.
80	BOYS BLUE JEANS - "WRANGLER", "LEVIS", or "LEE" (or any other brand of similar style). Zip front, front slant pocket & back patch pockets. Size 10-12 (medium).
81	BOYS SPORT SHIRT - polo style, solid color or stripe, cotton-poly blend, or all cotton, long sleeve , button pullover with collar.
82	BOYS SOCKS - white crew sock, ribbed top, no heel construction (i.e. tube sock), size 9 -11, cotton or cotton & nylon, 6 pack.

Wyoming City

APPAREL AND UPKEEP

83	WOMENS BLOUSE long sleeve , may have 1 pocket, tucks in back, simple trim, exclude lace or ruffle, solid or patterned, DRESSY cotton, rayon, or cotton-poly blend, med. size.
84	WOMENS PANTYHOSE - average size, sheer nylon nude toe and heel, suntan or comparable color.
85	WOMENS BLUE JEANS -- "WRANGLER", "LEVIS", or "LEE" (or any other brand of similar style). Zipper front, front slant & back patch pockets. Size 10-12 (medium).
86	WOMENS SKIRT - solid color, cotton-poly blend or all cotton, elastic waistband, unlined.
87	WOMENS BRA - white, cross your heart style, snap in back, fiberfill cups, cotton or polyester, size 34B.
88	GIRLS BLUE JEANS - "WRANGLER", "LEVIS", or "LEE" (or any other brand of similar style). Zipper front, front slant & back patch pockets. Size 10-12 (medium).
89	GIRLS TOP - poly-cotton knit or all cotton, long sleeve pullover, with collar, solid or print, size 10 - 12.
90	GIRLS TIGHTS/PANTYHOSE - avg. size, 'colored, one in package.
91	BOYS TENNIS SHOES low-top design, nylon and/or leather uppers, molded rubber outsoles, mid-range price , boys size 6.
92	MENS STREET SHOES slip on, grained leather upper, all other materials man made, size 9D, mid-range price .
93	WOMENS CASUAL SHOES - lace up or slip-on, leather upper, all other materials man-made, size 7, mid-range price .
94	DISPOSABLE DIAPERS - to fit 24lb. boy, "LUVS", "HUGGIES" or "PAMPERS" Specify count and price.
95	DRY CLEANING - MAN'S 2 piece suit,

	no pick up or delivery.
96	DRY CLEANING - WOMAN'S wool sweater, medium weight, no pick-up or delivery.
97	AUTO-LAUNDRY - coin operated, self service, one load, wash only.

Wyoming City

TRANSPORTATION

98	AUTO PURCHASE
99	UNLEADED PREMIUM GASOLINE (highest grade) "self service" inc. tax, price per gallon.
100	UNLEADED REGULAR GASOLINE "self service" inc. tax, price per gallon.
101	MOTOR OIL 1 quart 10W-30, or 10W-40.
102	TIRE - P195 75R14, steel belted radial all season tread, 30,000 mile minimum, 1 tire, lowest price.
103	AUTO BATTERY (WITH TRADE-IN) 12 volt, minimum 60 month guarantee, exclude installation charge, 24 F series.
104	LUBRICATION & OIL CHANGE - lube the vehicle; change oil, with oil filter & up to 6 quarts of oil, & check all fluid levels; 2WD only; check with service stations, dealerships & Jiffy Lube, Express Lube, etc.
105	LABOR COST - shop rate or labor rate for one hour of labor ; this applies to full service gas stations and car dealerships.
106	AUTO INSURANCE
107	BUS FARE

Wyoming City

MEDICAL CARE

108	VITAMINS - CENTRUM, ADVANCED
-----	------------------------------

FORMULA, From A to Zinc. High Potency
Multivitamin, 30 + 100 Tablets.

109 COLD TABLETS, Coricidin D, Dimetapp Cold &
Flu, Tylenol Allergy/Sinus, Actifed; **24 tablets.**
[Prefer Coricidin D]

110 COUGH SYRUP
Vicks Formula 44, 4 oz. bottle.

111 ASPIRIN, Bufferin or Anacin brand,
100 tablets.

112 BANDAGES
adhesive band aids, sheer strips, 60-80 cnt
assorted 3/4", 1", and Junior sizes.
Please specify count. [Prefer 60 count]

113 DOCTOR OFFICE VISIT
Established patient routine office call.
CPT code 99212 only.

114 LAB TEST - basic fee charged for complete
urinalysis, CPT code 81000 only.
DO NOT COMPLETE

115 DENTIST - routine checkup for an adult.
ADA 0120 - periodic oral exam
ADA 0274 - 4 bite wing X-rays (**see note**)
ADA 1110 - preventive scaling & polishing.

116 OPTOMETRIST - established adult patient,
fee for complete eye exam including
consultation, case history, glaucoma
exam, professional prescribing and advice
CPT code 92014 (*for eye glasses*).

117 HOSPITAL
semi-private room cost per day.

118 HEALTH INSURANCE

Wyoming City

REC AND PERSONAL CARE

119 TOOTHPASTE - 6.4 oz. tube,
Crest brand.

120 HAND LOTION - Jergens
brand regular 10 oz.

121 SHAMPOO - Head & Shoulders brand,
13.5 oz. bottle.

122 DEODORANT - Gillette Right Guard
(Any other brand), anti-perspirant
6 oz can, scented/unscented.
DEODERANT - solid anti-perspirant (stick),
2.6 - 3.0 oz., Ban, Sure, Arrid, Speed Stick,
etc., scented/unscented.

123 STEEL THERMOS
1 quart non-breakable, exterior and
lowest price, ex: "Stanley" or "Thermos".

124 MENS HAIRCUT - regular
basic price.

125 WOMENS HAIRCUT - with shampoo,
basic price short hair.

126 COMPACT DISK (CD) - most
current popular label, one CD.

127 DOG FOOD - **22 lb. bag**,
regular Purina Dog Chow
(not High Protein or Puppy Chow).

128 FILM - Kodak color Gold or Gold Plus,
100 ASA, 24 exposures, 35 mm.

129 BASKETBALL - all weather, full sized.
Voit, Wilson, Rawlings, Spalding or
comparable brand. **Mid-range price.**

Wyoming City

REC AND PERSONAL CARE

130 TELEVISION
19 - 20" color portable, solid state,
cable ready, with remote, **lowest price.**

131 VIDEO CASSETTE RECORDER (VCR)
14 day, 4 program timer, wireless remote,
4 head, cable ready, **lowest price.**

132 MOVIE - theater (indoor), evening
admission for an adult. **Not movie rental.**

133 BOWLING - adult price per lane w/o shoe
rental, 1 game, Wed. night, non-league.

134	TV REPAIR, 19" color, minor repair under 1 hr., exclude parts.
135	NEWSPAPER -
136	CIGARETTES carton, Winston brand, king size.
137	BEER (PACKAGE STORE) 12 pack , 12oz. Coors cans, warm OK.
138	LIQUOR - ONE FIFTH = 750 ml Seagram's 7.
139	BEER (over the Bar) bottle or can of Budweiser at the bar, Wednesday afternoon, NOT "Happy Hour".
140	FINANCIAL & MISCELLANEOUS

APPENDIX B Mapping of Transformation from CPI-U weights to WCLI weights

WCLI Category	WCLI Item Number	WCLI Item Name	-1-	-2-	CORRESPONDING US CPI ITEMS	-3-	-4-	-5-	-6-	-7-
FOOD	1	Corn Flakes	Breakfast cereal	Rice, pasta, and commel						
	2	Flour	Flour and prepared flour mixes	Rice, pasta, and commel						
	3	White Bread	Bakery products							
	4	Hamburger	Uncooked ground beef	Uncooked other beef and veal						
	5	Round Steak	Uncooked beef steaks	Uncooked other beef and veal						
	6	Rump Roast	Uncooked beef roasts	Uncooked other beef and veal						
	7	Chuck Roast	Uncooked beef roasts	Uncooked other beef and veal						
	8	Pork Chops	Pork chops	Other pork including roasts						
	9	Bacon	Bacon, breakfast sausage, etc.	Other pork including roasts						
	10	Ham	Ham	Other pork including roasts						
	11	Weiners	Other meats							
	12	Bologna	Other meats							
	13	Chicken	Poultry							
	14	Fish Fillets	Fish and seafood							
	15	Tuna	Fish and seafood							
	16	Milk	Milk	Ice cream and related products	Other dairy & related products					
	17	Butter	Butter and margarine							
	18	Cheese	Cheese and related products	Ice cream and related products	Other dairy & related products					
	19	Apples	Apples	Other fresh fruits						
	20	Bananas	Bananas	Other fresh fruits						
	21	Oranges	Citrus fruits	Other fresh fruits						
	22	Lettuce	Lettuce	Other fresh vegetables						
	23	Potatoes	Potatoes	Other fresh vegetables						
	24	Tomatoes	Tomatoes	Other fresh vegetables						
	25	Orange Juice	Frozen noncarb. juices & drinks	Nonfrozen noncarb. juices & drink						
	26	Canned Tomatoes	Processed fruits and vegetables							
	27	Canned Beets	Processed fruits and vegetables							
	28	Canned Peas	Processed fruits and vegetables							
	29	Canned Peaches	Processed fruits and vegetables							
	30	Eggs	Eggs							
	31	Margarine	Butter and margarine							
	32	Salad Dressing	Salad dressing							
	33	Shortening	Other fats & oils inc. peanut butter							
	34	Peanut Butter	Other fats & oils inc. peanut butter							
	35	Sugar	Sugar and artificial sweeteners	Other sweets						
	36	Candy	Candy and chewing gum	Other sweets						
	37	Coffee	Beverage materials inc. coffee & tea							
38	Pepsi	Carbonated drinks	Nonfrozen noncarb. juices & drink							
39	Soup	Soups	Spices, seasonings, condiments,	Baby food						
40	Spaghetti	Other misc. foods	Spices, seasonings, condiments,	Baby food						
41	Potato Chips	Snacks	Spices, seasonings, condiments,	Baby food						
42	French Fries	Frozen & freeze dried prep. foods	Spices, seasonings, condiments,	Baby food						
43	Lunch	Full service meals & snacks	Limited service meals & snacks	Food at employee sites & schools	Food from vend. mach. & vendors					
44	Dinner	Full service meals & snacks	Limited service meals & snacks	Food at employee sites & schools	Food from vend. mach. & vendors					
45	Cup of Coffee	Other food away from home	Limited service meals & snacks	Food at employee sites & schools	Food from vend. mach. & vendors					
46	Apartment Rent	Rent of primary residence	Owners' equiv. rent of prim. resid.							
47	Mobil Home Lot Rent	Rent of primary residence	Owners' equiv. rent of prim. resid.	Tenants' & household insurance						
48	Hotel/Motel	Lodging away from home								
49	House Rent	Rent of primary residence	Owners' equiv. rent of prim. resid.	Tenants' & household insurance						
50	Mobil Home Rent	Rent of primary residence	Owners' equiv. rent of prim. resid.	Tenants' & household insurance						
51	Interior House Paint	Tools, hardware & supplies	Unsampled tfs, hdware, outdr equip. & suppl.							
52	Exterior House Paint	Tools, hardware & supplies	Unsampled tfs, hdware, outdr equip. & suppl.							
53	Plumber	Household operations								
54	Natural Gas	Utility natural gas service								
55	Electricity	Electricity	Fuel oil and other fuels							
56	Telephone	Information & inform. processing								
57	Water	Water & sewer & trash collect. serv.								
58	Sheets	Other linens	Window coverings							
59	Towels	Other linens	Window coverings							
60	Mattress	Furniture and bedding								
61	Floor Covering	Floor coverings	Window coverings							
62	Range	Major appliances	Other household equip. & furnishings	Unsampled appliances						
63	Washing Machine	Major appliances	Other household equip. & furnishings							
64	Dryer	Major appliances	Other household equip. & furnishings							
65	Vacuum Cleaner	Other appliances	Other household equip. & furnishings							
66	Electric Iron	Other appliances	Other household equip. & furnishings							
67	Electric Drill	Outdoor equip. & supplies	Unsampled tfs, hdware, outdr equip. & suppl.							
68	Detergent	Household cleaning products								
69	Scouring Pads	Household cleaning products								
70	Toilet Tissue	Household paper products								
71	Light Bulbs	Miscellaneous household products								
72	Postage	Postage and delivery services								
73	Day Care	Education								
74	Men's Slacks	Pants and shorts	Suits, sport coats, & outerwear	Jewelry and watches						
75	Mens Blue Jeans	Pants and shorts	Suits, sport coats, & outerwear	Unsampled men's apparel						
76	Mens Sport Shirt	Shirts & sweaters	Suits, sport coats, & outerwear	Jewelry and watches						
77	Mens Briefs	Furnishings	Suits, sport coats, & outerwear							
78	Mens Colored T-shirt	Furnishings	Suits, sport coats, & outerwear							
79	Mens Socks	Furnishings	Suits, sport coats, & outerwear							
80	Boys Blue Jeans	Boy's Apparel								
81	Boys Sport Shirt	Boy's Apparel								
82	Boys Socks	Boy's								
83	Woman's Blouse	Outerwear	Dresses	Suits and separates						
84	Woman's Pantyhose	Outerwear	Dresses	Underwear, nightwear, hosiery, sportswear & acces.						
85	Woman's Pants	Outerwear	Dresses	Unsampled women's apparel	Jewelry and watches					
86	Woman's Skirt *	Outerwear	Dresses							
87	Woman's Bra	Outerwear	Dresses	Underwear, nightwear, hosiery, sportswear & acces.						
88	Girl's Blue Jeans	Girl's apparel								
89	Girls Top *	Girl's apparel								
90	Girls Tights	Girl's apparel								
91	Boy's Shoes	Boy's and girl's footwear								
92	Men's Shoes	Men's footwear								
93	Women's Shoes	Women's footwear								
94	Diapers	Infants' and toddlers' apparel								
95	Dry Cleaning, Men's	Laundry & dry cleaning services	Miscellaneous personal goods	Legal services	Funeral expenses	Apparel services other than laun. & dry	Unsampled items	Care of invalids & elderly at home		
96	Dry Cleaning, Women's	Laundry & dry cleaning services	Miscellaneous personal goods	Legal services	Funeral expenses	Apparel services other than laun. & dry	Unsampled items	Care of invalids & elderly at home		
97	Coin Laundry	Laundry & dry cleaning services	Miscellaneous personal goods	Legal services	Funeral expenses	Apparel services other than laun. & dry	Unsampled items	Care of invalids & elderly at home		

APPENDIX B Mapping of Transformation from CPI-U weights to WCLI weights

WCLI Category	WCLI Item Number	WCLI Item Name	CORRESPONDING US CPI ITEMS							
			-1-	-2-	-3-	-4-	-5-	-6-	-7-	
TRANSPORTATION	98	Auto Purchase	New & used motor vehicles							
	99	Unleaded Premium	Motor fuel							
	100	Unleaded	Motor fuel							
	101	Motor Oil	Motor vehicle main. & repair							
	102	Tire	Tires							
	103	Battery	Vehicle access. other than tires							
	104	Lube & Oil Change	Motor vehicle main. & repair							
	105	Labor Cost	Motor vehicle main. & repair							
	106	Insurance	Motor vehicle insurance							
	107	Bus Fare	Public transportation							
MEDICAL	108	Vitamins	Internal & respiratory otc drugs	Prescription drugs & medical supplies						
	109	Cold Tablets	Internal & respiratory otc drugs	Prescription drugs & medical supplies						
	110	Cough Syrup	Internal & respiratory otc drugs	Prescription drugs & medical supplies						
	111	Aspirin	Internal & respiratory otc drugs	Prescription drugs & medical supplies						
	112	Bandages	Nonprescription med. equip. & suppl.	Prescription drugs & medical supplies						
	113	Doctor	Physicians' services							
	114	Lab Test	Services by other medical profess.							
	115	Dentist	Dental services							
	116	Optometrist	Eyeglasses & eye care							
	117	Hospital	Hospital and related services							
REC & PERS	118	Health Insurance	Health insurance							
	119	Toothpaste	Hair, dental, shaving & misc. pers. care	Unsampled personal care products						
	120	Hand Lotion	Cosmetics, perfume, bath, & nail prep. implements							
	121	Shampoo	Hair, dental, shaving & misc. pers. care							
	122	Deodorant	Hair, dental, shaving & misc. pers. care							
	123	Thermos	Sports equipment	Unsampled sporting goods	Other recreational goods					
	124	Men's Haircut	Haircuts and other pers. care services							
	125	Women's Haircut	Haircuts and other pers. care services							
	126	CD	Audio equipment	Audio discs, tapes & other media	Unsampled video and audio					
	127	Dog Food	Pet services incl. veterinary	Sporting goods						
	128	Film	Photography							
	129	Basketball	Sports vehicles incl. bicycles	Unsampled sporting goods	Other recreational goods					
	130	TV	Televisions	Cable television	Unsampled video and audio					
	131	VCR	Other video equipment	Video cass. discs, & other media (incl. rental)	Unsampled video and audio					
	132	Movie	Admissions	Club membership dues & fees	Fees for lessons or instructions					
	133	Bowling	Unsampled recreation services	Club membership dues & fees	Fees for lessons or instructions					
	134	TV Repair	Household operations							
	135	Newspaper	Recreational reading materials							
	136	Cigarettes	Tobacco and smoking products							
	137	Beer-home	Beer, ale, & other malt beverages	Wine at home						
138	Liquor -home	Distilled spirits at home	Wine at home							
139	Beer-bar	Alcoholic beverages away from home								
140	Misc Financial	Financial services	Miscellaneous personal goods	Legal services	Funeral expenses	Apparel services other than laun. & dry	Care of invalids & elderly at home	Unsampled items		