# $\mathcal{S E L E C T} \mathcal{A} \mathcal{T} \mathcal{A B L E} \mathcal{H E R E}$ 

## $\mathcal{E X \mathcal { H } I \mathcal { B I T } 1}$

$\mathcal{T A B L E} 1$
$\mathcal{T A B L E} 2$
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## Exhibit 1. Examples of effects of strikes on employment figures



Table 1. Strikes affecting ces employment by more than 50,000, 1975-2000

| Year | Month | SIC | Industry | Impact on ces employment ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: |
| 1975 .......................... | May | 15 | General building contractors: residential buildings | 75,000 |
| 1976 .......................... | May | 301 | Tires and inner tubes | 59,900 |
| 1977 .......................... | December | 12 | Coal mining | 160,000 |
| 1978 ......................... | January | 12 | Coal mining | 160,000 |
| 1980 .......................... | July | 15 | General building contractors: residential buildings | 105,000 |
|  | February | 291 | Petroleum refining | 58,300 |
|  | March | 291 | Petroleum refining | 59,200 |
| 1981 .......................... | April | 12 | Coal mining | 160,000 |
|  | May | 12 | Coal mining | 162,000 |
|  | June | 15 | General building contractors: residential buildings | 51,300 |
| 1983 .......................... | August | 481 | Telephone communications (AT\&T) | 640,000 |
| 1986 .......................... | June | 481 | Telephone communications (AT\&T) | 86,100 |
| 1987 .......................... | September | 82 | Educational services | 52,000 |
| 1989 ......................... | August | $\begin{array}{r} 481,5063, \\ 7374 \end{array}$ | Telephone communications; electrical apparatus and equipment, wiring supplies, and construction materials; Computer processing and data preparation and processing services | 125,000 |
|  | September | 481 | Telephone communications (NYNEX) | 53,500 |
|  | October | 481 | Telephone communications | 53,500 |
|  | November | 481 | Telephone communications | 53,500 |
| 1994 .......................... | April | 42 | Motor freight transportation and warehousing | 70,000 |
| 1997 .......................... | August | 421 | Trucking and courier services, except air (United Parcel Service) | 185,000 |

${ }^{1}$ The amount by which ces employment levels are lowered due to workers on strike. The figure does not include related layoffs or other secondary effects of the strike.

| Table 2. CEs estimate telephone 1983 AT\&TStri | employment munications | erage ho radio) | mings of 4813) during |
| :---: | :---: | :---: | :---: |
| Month and year | All employment (not seasonally adjusted) | Average weekly hours | Average hourly eamings |
| Levels: |  |  |  |
| July 1983 ........................ | 985.0 | 40.4 | \$11.36 |
| August 1983 .................... | 350.1 | 40.3 | \$11.06 |
| September 1983 ............... | 976.3 | 40.5 | \$11.51 |
| Over-the-month changes: |  |  |  |
| July-August ..................... | -634.9 | -0.1 | -\$. 30 |
| August-September ............ | +626.2 | +0.2 | +\$.45 |

Table 3. Effect of 1998 strike against General Motors on cEs employment in manufacturing

| Category | June | July | Total <br> declines | August <br> retums |
| :---: | :---: | :---: | :---: | :---: |
| Total ............................. | $-9,400$ | $-140,600$ | $-150,000$ | $+150,000$ |
| On strike .................... | $-3,400$ | $-5,800$ | $-9,200$ | $+9,200$ |
| On layoff .................... | $-6,000$ | $-127,800$ | $-133,800$ | $+133,800$ |
| Total, on strike and <br> on layoff ......................... | $-9,400$ | $-133,600$ | $-143,000$ | $+143,000$ |
| Help supply industry <br> (secondary effect) $\ldots \ldots \ldots . .$. | $\left({ }^{1}\right)$ | $-7,000$ | $-7,000$ | $+7,000$ |

${ }^{1}$ No one on strike or on layoff in help supply industry.

Table 4. Effect of 1998 strike against General Motors on ces estimates of over-the-month changes in average hourly eamings

| Sectorand months | Over-the-month change |  |  |
| :---: | :---: | :---: | :---: |
|  | Aspublished | Recalculated without strike effect | Difference |
| Manufacturing: <br> June-July $\qquad$ <br> July-August $\qquad$ | $\begin{array}{r} \$-0.03 \\ +.11 \end{array}$ | $\begin{array}{r} \$+0.02 \\ +.06 \end{array}$ | $\begin{array}{r} \$ 0.05 \\ -.04 \end{array}$ |
| Total private: <br> June-July <br> July-August $\qquad$ | $\begin{aligned} & +.03 \\ & +.07 \end{aligned}$ | $\begin{aligned} & +.04 \\ & +.06 \end{aligned}$ | $\begin{aligned} & +.01 \\ & -.01 \end{aligned}$ |

Table 5.
ces estimates of employment, average weekly hours, and average hourly eamings of air courier senvices workers (sic 4513) during 1997 upS strike

| Levelsand over-the-month changes | Allemployment (seasonally adjusted) | Average hourly eamings | Average weekly hours |
| :---: | :---: | :---: | :---: |
| Levels: |  |  |  |
| July 1997 | 464,000 | 28.8 | \$14.78 |
| August 1997 ............. | 298,000 | 33 | \$15.48 |
| September 1997 ................... | 468,000 | 37.5 | \$14.50 |
| Over-the-month changes: |  |  |  |
| July-August ......................... | -166,000 | 4.2 | \$. 70 |
| August-September ............... | 170,000 | 4.5 | -\$.98 |

Table 6. Over-the-month change in employment, excluding the effect of strikes, seasonally adjusted, all employees on total nonagric ultural payrolls, 1975-2000
[In thousands]

| Year | January | February | March | April | May | June | July | August | September | October | November | December |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1975: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | -420 | -403 | -323 | -121 | 161 | -71 | 238 | 354 | 208 | 311 | 120 | 296 |
| Net strike activity | - | -5 | 3 | 33 | 20 | -12 | 84 | -79 | 15 | -44 | -9 | 14 |
| Series excluding strikes $\qquad$ | - | -408 | -320 | -88 | 181 | -83 | 322 | 275 | 223 | 267 | 111 | 310 |
| $1976:$ <br> Official series | 411 | 280 | 213 | 315 | 58 | 66 | 227 | 96 | 261 | 0 | 299 | 197 |
| Net strike | 411 |  | 21 |  | 58 | 66 | 227 |  | 261 | 0 | 299 | 197 |
| activity ....... | -44 | -4 | 11 | 32 | 93 | -26 | 54 | -55 | -74 | 15 | -25 | -30 |
| Series excluding strikes $\qquad$ | 367 | 276 | 224 | 347 | 151 | 40 | 281 | 41 | 187 | 15 | 274 | 167 |
| 1977: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... <br> Net strike | 179 | 277 | 427 | 389 | 367 | 404 | 379 | 214 | 457 | 230 | 370 | 240 |
| activity ............ | 2 | 15 | 16 | -26 | 39 | -7 | 24 | 24 | -34 | 60 | -9 | 90 |
| Series excluding strikes $\qquad$ | 181 | 292 | 443 | 363 | 406 | 397 | 403 | 238 | 423 | 290 | 361 | 330 |
| 1978: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... Net strike | 193 | 344 | 530 | 745 | 321 | 407 | 226 | 287 | 110 | 363 | 452 | 310 |
| activity ....... | -12 | 0 | -18 | -144 | 5 | 3 | 25 | 11 | 5 | -26 | -19 | -5 |
| Series excluding strikes $\qquad$ | 181 | 344 | 512 | 601 | 326 | 410 | 251 | 298 | 115 | 337 | 433 | 305 |
| 1979: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 169 | 257 | 441 | -63 | 318 | 274 | 64 | 140 | -10 | 211 | 106 | 151 |
| Net strike activity | 2 | 10 | -4 | 55 | -14 | -14 | -13 | 2 | 19 | 23 | 29 | -48 |
| Series excluding strikes $\qquad$ | 171 | 267 | 437 | -8 | 304 | 260 | 51 | 142 | 9 | 234 | 135 | 103 |
| 1980: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 112 | 147 | 119 | -215 | -464 | -342 | -298 | 288 | 82 | 288 | 216 | 224 |
| Net strike activitiy | -55 | 59 | -3 | -13 | -19 | -6 | 133 | -49 | -16 | -47 | -24 | -8 |
| Series excluding strikes | 57 | 206 | 116 | -228 | -483 | -348 | -165 | 239 | 66 | 241 | 192 | 216 |
| $1981:$ | 229 | 92 |  | 13 | -77 | 143 |  | -90 | -129 |  |  |  |
| Official series Net strike | 229 | 92 | 111 | 13 | -77 | 143 | 125 | -90 | -129 | 25 | -202 | -183 |
| activity ............ | -11 | -3 | 8 | 177 | 21 | -129 | -32 | -23 | 15 | -15 | -21 | 1 |
| Series excluding strikes | 218 | 89 | 119 | 190 | -56 | 14 | 93 | -113 | -114 | 10 | -223 | -183 |
| 1982: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | -383 | 26 | -137 | -306 | -66 | -262 | -323 | -203 | -182 | -208 | -138 | 26 |
| Net strike activity | 4 | 0 | 6 | 6 | 5 | 24 | -34 | 21 | 3 | -3 | -5 | -6 |
| Series excluding strikes | -379 | 26 | -131 | -300 | -61 | -238 | -357 | -182 | -179 | -211 | -143 | 20 |
| $1983:$ | 151 | -68 | 188 | 265 | 286 | 389 | 427 | -340 | 1,115 | 320 | 319 | 383 |
| Net strike activity | 2 | -68 5 | 188 0 | 265 -1 | -11 | 389 0 | 427 30 | -340 674 | 1,115 -678 | 320 9 | 319 -23 | 383 -5 |
| Series excluding strikes $\qquad$ | 153 | 5 -63 | 188 | -1 264 | -11 275 | 389 | 30 457 | 674 334 | -678 437 | 9 329 | -23 296 | -5 378 |
| 1984: ....................... |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 414 | 519 | 269 | 338 | 302 | 373 | 322 | 238 | 301 | 313 | 330 | 168 |
| Net strike activity | -16 | -6 | 6 | 17 | -8 | 13 | -11 | 63 | -77 | 9 | 5 | 26 |
| Series excluding strikes $\qquad$ | 398 | 513 | 275 | 355 | 294 | 386 | 311 | 301 | 224 | 322 | 335 | 194 |
| 1985: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 252 | 148 | 337 | 162 | 267 | 117 | 185 | 231 | 182 | 220 | 188 | 214 |
| Net strike activity | -41 | -1 | 28 | -24 | -6 | 12 | -8 | 32 | -5 | -5 | 3 | 1 |
| Series excluding strikes $\qquad$ | 211 | 147 | 365 | 138 | 261 | 129 | 177 | 263 | 177 | 215 | 191 | 215 |
| 1986: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... Net strike | 99 | 119 | 78 | 178 | 122 | -123 | 303 | 159 | 312 | 233 | 165 | 249 |
| Net strike activity | -32 | 0 | 11 | -2 | -1 | 167 | -145 | 42 | -31 | 4 | -2 | 0 |
| Series excluding strikes $\qquad$ | 67 | 119 | 89 | 176 | 121 | 44 | 158 | 201 | 281 | 237 | 163 | 249 |
| 1987: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... <br> Net strike | 149 | 229 | 233 | 362 | 197 | 149 | 334 | 219 | 164 | 550 | 220 | 344 |
| activity | 0 | -31 | -6 | -9 | 6 | 0 | 7 | -1 | 55 | -60 | 0 | -5 |
| Series excluding strikes | 149 | 198 | 227 | 353 | 203 | 149 | 341 | 218 | 219 | 490 | 220 | 339 |

Table 6. Continued-Over-the-month change in employment, excluding the effect of strikes, seasonally adjusted, all employees on total nonagricultural payrolls, 1975-2000
[In thousands]

| Year | J anuary | February | March | April | May | June | July | August | September | October | November | December |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1988: <br> Official series <br> Net strike activity Series excluding strikes $\qquad$ | 79 | 423 | 265 | 226 | 274 | 321 | 268 | 199 | 215 | 277 | 277 | 323 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0 | 4 | 11 | -8 | 1 | 5 | 16 | -4 | -7 | -6 | -11 | 0 |
|  | 79 | 427 | 276 | 218 | 275 | 326 | 284 | 195 | 208 | 271 | 266 |  |
| 1989: | 302 | 251 |  |  |  |  |  |  |  |  |  | 323 |
| Official series ...... |  |  | 194 | 199 | 101 | 100 | 95 | 115 | 130 | 112 | 281 | 121 |
| Net strike activity $\qquad$ | 2 | 3 | 27 | 4 | 0 | 11 | 10 | 97 | -68 | 4 | -6 | -72 |
| Series excluding strikes $\qquad$ | 304 | 254 | 221 | 203 | 101 | 111 | 105 | 212 | 62 | 116 | 275 | 49 |
| 1990: | 254 |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... |  | 317 | 198 | 38 | 291 | 79 | -162 | -164 | -86 | -183 | -200 | -109 |
| Net strike activity | 0 | -3 | 16 | -5 | -3 | -1 | 0 | 2 | -2 | -1 | 4 | 1 |
| Series excluding strikes $\qquad$ | 254 | 314 | 214 | 33 | 288 | 78 | -162 | -162 | -88 | -184 | -196 | -108 |
| 1991: | -206 | -259 | -170 | -185 |  | 93 |  |  |  |  |  |  |
| Official series ...... |  |  |  |  | -38 |  | -69 | 84 | 8 | -14 | -94 | 6 |
| Net strike activity | -3 | -6 | -2 | -2 | 5 | -6 | 4 | -2 | 2 | -1 | 8 | 1 |
| Series excluding strikes $\qquad$ | -209 | -265 | -172 | -187 | -33 | 87 | -65 | 82 | 10 | -15 | -86 | 7 |
| 1992: | -37 | -7 | 42 | 182 | 194 | 46 | 54 |  |  | 134 | 178 |  |
| Net strike | -3 |  | 42 | 1 |  |  | 54 | 146 | 66 |  |  | 147 |
| activity ............ |  | 0 | -3 |  | -2 | -3 | -9 | 0 | 12 | -8 | -4 | 0 |
| Series excluding strikes .............. | -40 | -7 | 39 | 183 | 192 | 43 | 45 | 146 | 78 | 126 | 174 | 147 |
| 1993: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 236 | 314 | -67 | 306 | 343 | 141 | 205 | 213 | 247 | 321 | 255 | 254 |
| Net strike activity | 0 | 5 | -5 | 4 | 9 | -4 | 3 | 5 | 0 | 2 | -4 | -18 |
| Series excluding strikes $\qquad$ | 236 | 319 | -72 | 310 | 352 | 137 | 208 | 218 | 247 | 323 | 251 | 236 |
| 1994: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 268 | 230 | 450 | 368 | 347 | 283 | 353 | 340 | 307 | 255 | 406 | 277 |
| Net strike activity $\qquad$ | 0 | 0 | 0 | 74 | -70 | 5 | 9 | 5 | 10 | -1 | -2 | -15 |
| Series excluding strikes ............. | 268 | 230 | 450 | 442 | 277 | 288 | 362 | 345 | 317 | 254 | 404 | 262 |
| 1995: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 317 | 288 | 156 | 185 | -34 | 194 | 114 | 306 | 220 | 125 | 157 | 172 |
| Net strike activitiy | -1 | 0 | 0 | -1 | 0 | -2 | 0 | 3 | 7 | 23 | 1 | -41 |
| Series excluding strikes $\qquad$ | 316 | 288 | 156 | 184 | -34 | 192 | 114 | 309 | 227 | 148 | 158 | 131 |
| 1996: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | -69 | 489 | 236 | 175 | 344 | 264 | 196 | 278 | 151 | 248 | 266 | 217 |
| Net strike activity | 30 | -27 | 1 | -3 | 0 | 21 | -9 | 0 | -5 | -3 | 0 | 0 |
| Series excluding strikes $\qquad$ | -39 | 462 | 237 | 172 | 344 | 285 | 187 | 278 | 146 | 245 | 266 | 217 |
| 1997: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 203 | 295 | 347 | 294 | 259 | 226 | 296 | 71 | 431 | 318 | 292 | 324 |
| Net strike activity | 0 | 0 | -3 | 4 | 7 | -5 | 0 | 175 | -183 | -1 | 0 | 0 |
| Series excluding strikes $\qquad$ | 203 | 295 | 344 | 298 | 266 | 221 | 296 | 246 | 248 | 317 | 292 | 324 |
| 1998: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 290 | 193 | 182 | 244 | 353 | 217 | 99 | 378 | 244 | 208 | 262 | 347 |
| Net strike activity | -1 | 3 | 0 | 0 | 0 | 10 | 0 | -12 | 6 | -2 | 2 | -1 |
| Series excluding strikes $\qquad$ | 289 | 196 | 182 | 244 | 353 | 227 | 99 | 366 | 250 | 206 | 264 | 346 |
| 1999: |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 177 | 420 | 171 | 228 | 95 | 253 | 268 | 159 | 208 | 258 | 265 | 250 |
| Net strike activity $\qquad$ | -1 | -1 | 0 | 7 | 0 | 0 | 0 | -7 | 0 | -1 | 0 | 0 |
| Series excluding strikes $\qquad$ | 176 | 419 | 171 | 235 | 95 | 253 | 268 | 152 | 208 | 257 | 265 | 250 |
| $2000$ |  |  |  |  |  |  |  |  |  |  |  |  |
| Official series ...... | 349 | 95 | 527 | 414 | 231 | - | - | - | - | - | - | - |
| Net strike <br> activity | 0 | 15 | -15 | 5 | -3 | - | - | - | - | - | - | - |
| Series excluding strikes | 349 | 110 | 512 | 419 | 228 | - | - | - | - | - | - | - |

Note: Dash indicates data not available.

