

Applying Event History Methods in a National Panel:
The Design and Use of Event History Calendars
in the Panel Study of Income Dynamics

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Research Questions

- Can we increase data quality with EHC's?
- What EHC applications have there been in PSID? Motivated partly by biennial „97 on.
- Pre 2003 Methods Work – GUI „conversation'
- Much Summarized in Belli Stafford and Alwin, Calendar and Time Diary Methods, Sage, 2009
- Recent PSID designs
- Data Quality Checks Early Childhood and Employment EHC's

RESIDENTIAL TIMELINE

PSID EHC (03-07)

EHC Event History Calendar - [Residence (About) JOHN]

File Window Help

IN	03	SPR	03	SPR	03	SUM	03	FAL	03	FAL	03	WIN	04	SPR	04	SPR	04	SUM	04	FAL	04	FAL	04
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

Landmark Events

Residence

Employment Summary

Not Working

Landmark Events	Residence	Employment	Not Working	TimeAway
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IN	03	SPR	03	SPR	03	SUM	03	FAL	03	FAL	03	WIN	04	SPR	04	SPR	04	SUM	04	FAL	04	FAL	04
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

##

Starting Time				Ending Time				OK
Year	Season	Month	3rd of Month	Year	Season	Month	3rd of Month	
2004	WIN	JAN	Middle	2004	WIN	DEC	Last	Cancel
Address		City/St/Zip		Country				Delete
A51. Do you think you might move in the next couple of years?		A52. Would you say you definitely will move, probably will move, or are you more uncertain?		A53. Why (will/might) you move?				
Note								

PSID 2003 EHC instrument

EHC: Event History Calendar - [Employment (About) Phil]

File Window Help

SPR 01 SPR 01 SUM 01 FAL 01 FAL 01 WIN 02 SPR 02 SPR 02 SUM 02 FAL 02 FAL 02 WIN 03
 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB

Landmark Events

Residence

Employment Summary

Not Working

321 Real Nice Place, Ann Arbor, MI [From 09/11/2002 to 02/21/2003]

Landmark Events Residence **Employment** Not Working TimeAway

Employment Data Entry Window

SPR 01 SPR 01 SUM 01 FAL 01 FAL 01 WIN 02 SPR 02 SPR 02 SUM 02 FAL 02 FAL 02 WIN 03
 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB

Not Working Summary

Joe and Sons

Bill's Landscaping

Job# 3

Job# 4

Starting Time

Year Season Month 3rd of Month

2002 WIN JAN Last

Ending Time

Year Season Month 3rd of Month

2002 FAL SEP Last

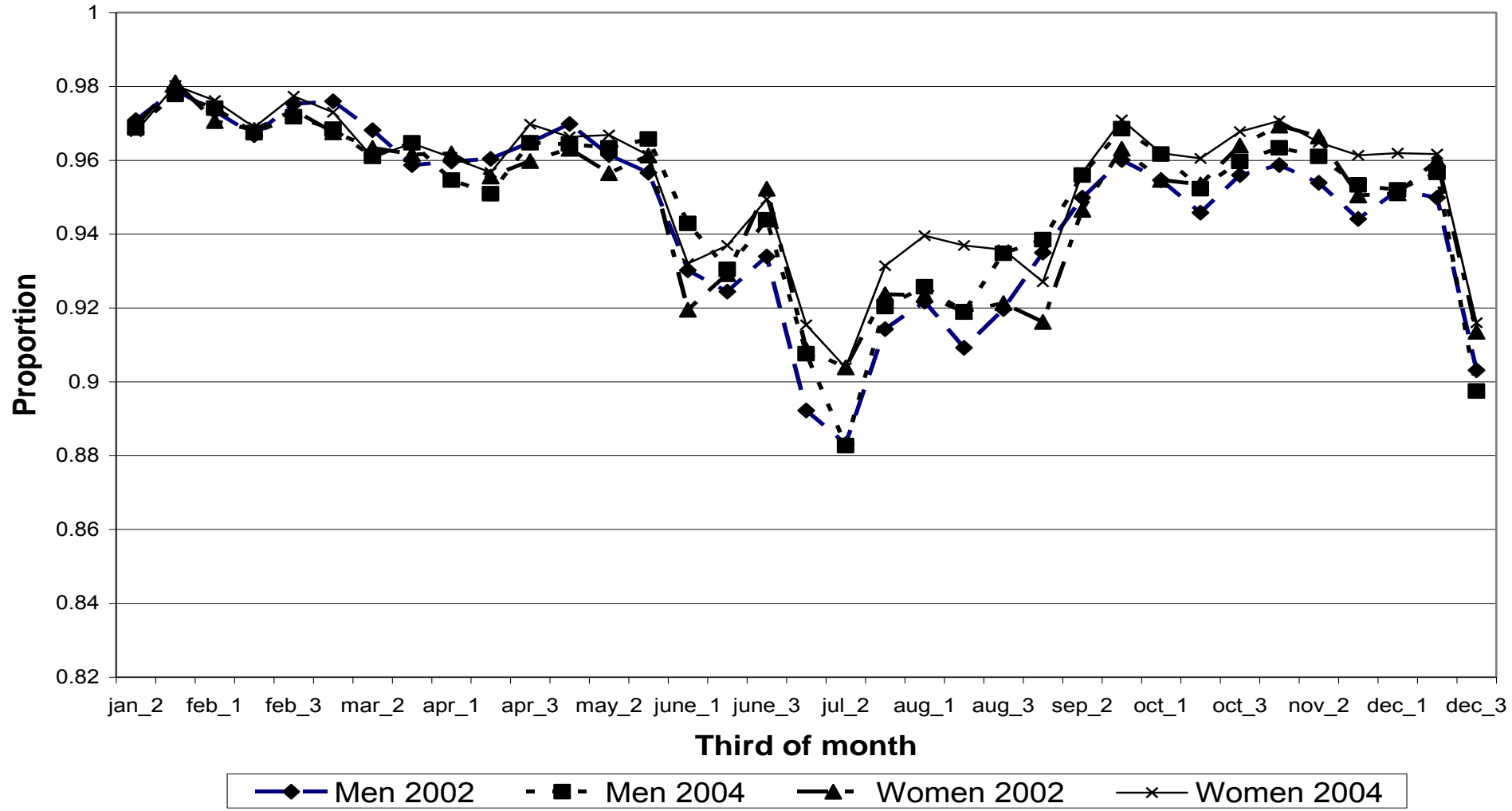
Employer: Bill's Landscaping

Note:

Q-list (1, 2) Q-list (3,4,5) **Employment**

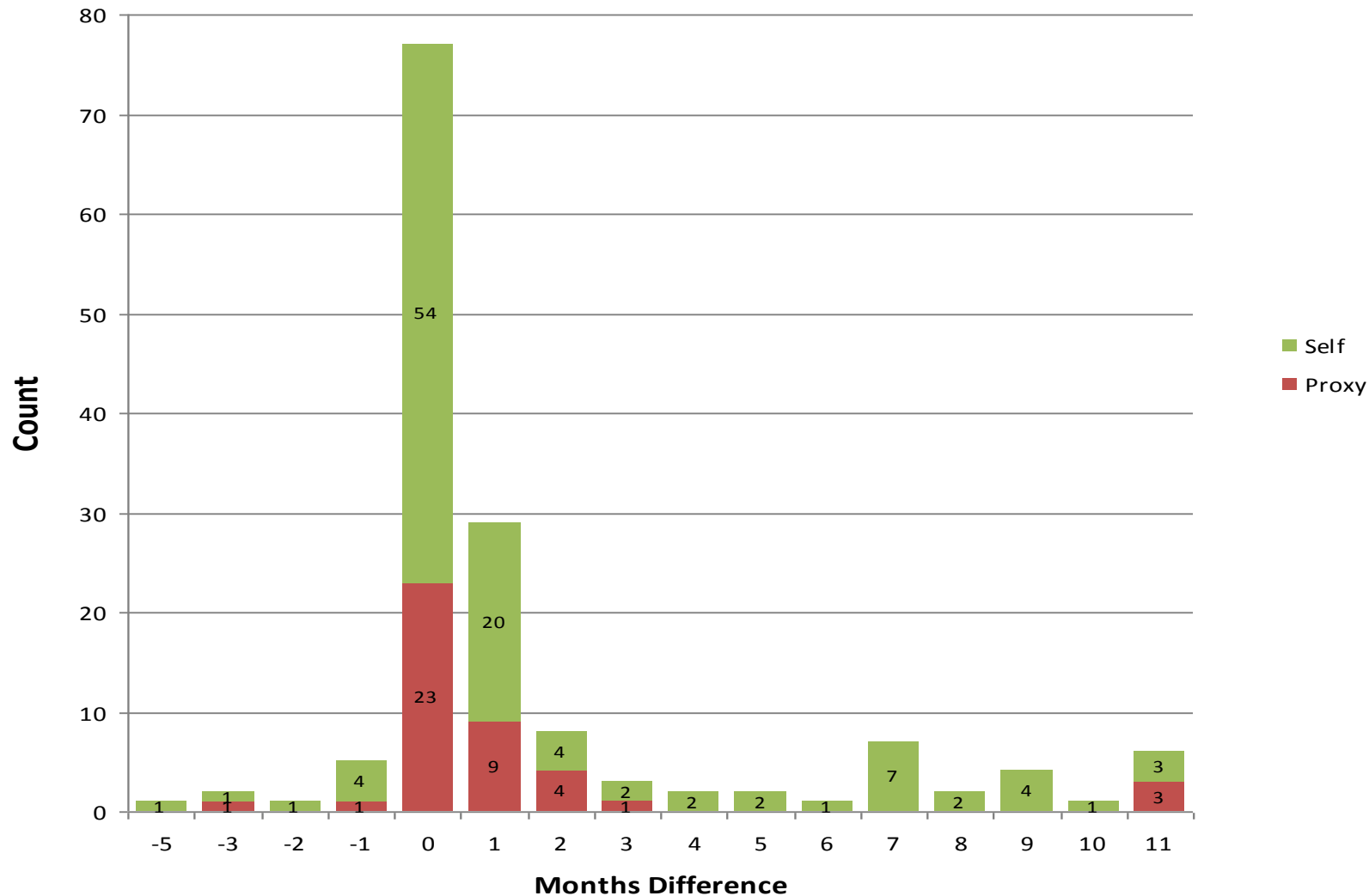
OK Cancel Delete

From 2005/03(04/02) ONE YEAR BACK

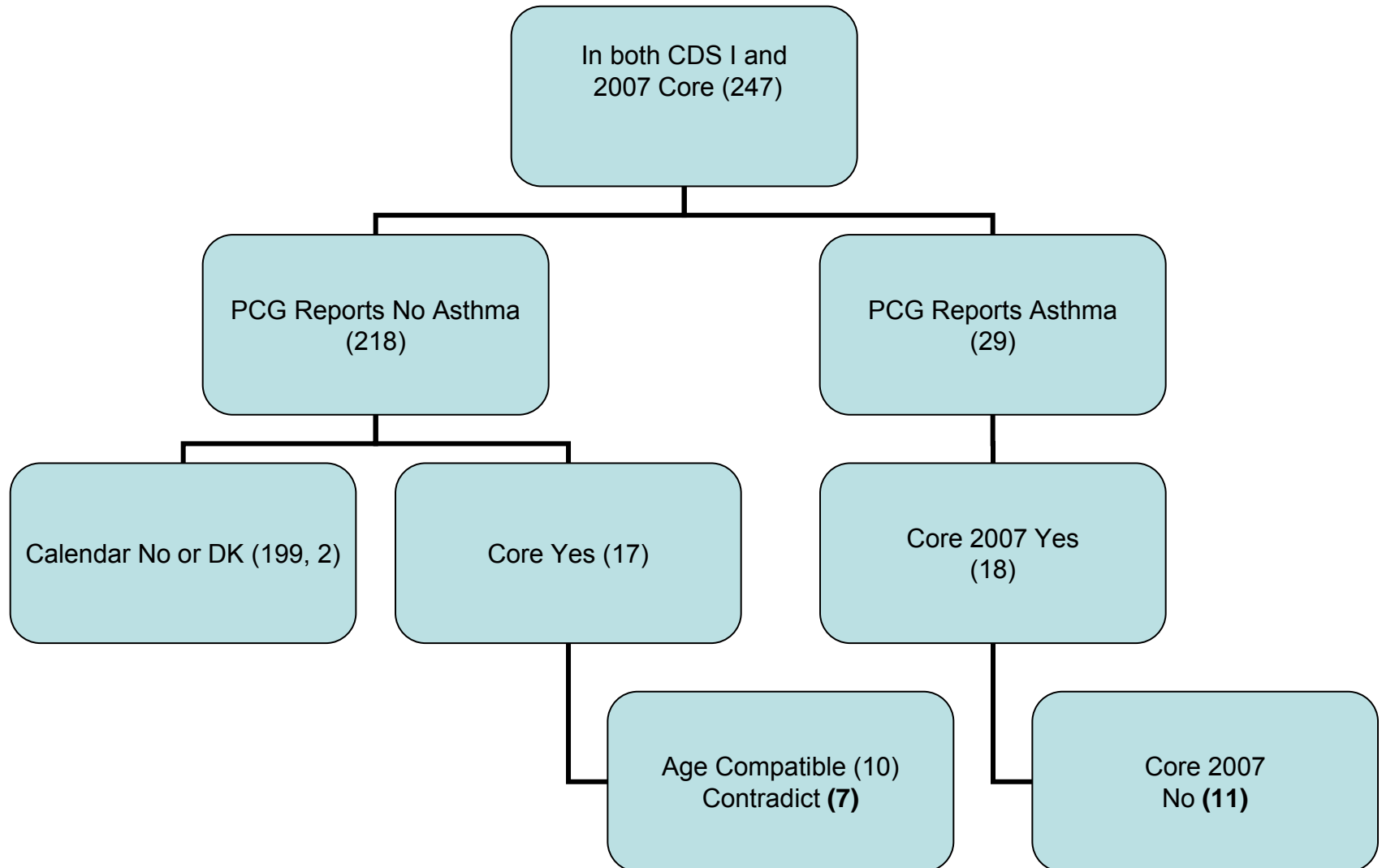


FROM NEW 2009 EHC ALIGNMENT OF UNEEMPLOYMENT SPELLS AND RECEIPT OF UI FORM THE INCOME SECTION

Difference Between 1st Month Received Unemp. Comp. and 1st Month Unemployed
Where 1st Month Unemp. January - June 2008
By Proxy Status
(N=151)



2007 CHILD HEALTH HISTORY CALENDAR FOR ADULTS compared with PCG REPORTS 1997 - ASTHMA



2007 and 2009 CHILD HEALTH HISTORY CALENDAR

PSIDEHC

Person: CHRIS, Respondent-Male Head, Age: 38, DOB: 5/27/1970

At what age were you first diagnosed with **an Allergic condition**? Until what age did you have it?

PROBE: "If you don't know the exact age, please give us your best guess."

PROBE for age using landmarks, starting with the earliest landmark

For age at which condition ended: if R says "Still have it" or "Older than 16", CLICK "17+" and enter age

Enter Notes

Age	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17+
Parental Separations	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Residential Moves	0	1	2	3	4	5	6	7				11	12	13	14	15	16	
School Changes	0	1	2	3	4	5	6	7				11	12	13	14	15	16	
Asthma	0	1	2	1	1	1	1	7				11	12	13	14	15	16	17+
Allergic Condition	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Cancel
 Yes
 DK

HEALTH HISTORY SCREENING QUESTION

W32

Before you were 17 years old, did you have any of the following childhood diseases:

Asthma?

- 1. Yes
- 5. No

Asthma Before Age 17


1

Yes

INCORRECT REPORTING OF TIME AWAY – “VACATION SPELL”

Head	2007												2008						
	Winter			Spring			Summer			Fall			Winter		Spring			Summer	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Residence	CLICK this bar to activate Residence domain												CLICK this bar to activate Residence domain						
MAIN ST	#																		
Job	CLICK this bar to activate Employment domain												CLICK this bar to activate Employment domain						
Time Trust	#																		
Windows																			
Track																			
Time Away	CLICK this bar to activate Time Away domain												CLICK this bar to activate Time Away domain						
None else s...																			
Own sick																			
Vacation																			
On Strike																			
Temporary Layoff																			
Working																			
7 Looking																			
Not looking																			
3 Looking																			
Not looking																			

Warning



Time Away cells you just entered do not correspond with an employment period, do you want to continue?

Yes No

Don't Know When

Starting Time

Year: 2008, Month: May, Day: 2

Ending Time

Year: 2008, Month: May, Day: 7

Reason for Time Away

Vacation

Notes

OK Cancel Delete

BOILING IT DOWN TO SUMMARY DATA

	May			June			July			TOTWSKJob
	1	2	3	1	2	3	1	2	3	
Job 1										$4 * 1.45 = 5.8$
Job 2										$5 * 1.45 = 7.25$
Job 3										$3 * 1.45 = 4.35$

WTR Overlap	Num Concur	Num Unique	Num Thirds	Num Weeks	Rounded
1	3 (Blue)	4 (Pink)	7	$7 * 1.45 = 10.15$	10

TO SUMMARIZE,...

- USED EHC's OVER 2 YEAR RETRO (LABOR MARKET)
- FROM EARLY LIFE COURSE (CHILDHOOD HEALTH CALENDAR)
- IMPROVING DATA QUALITY AT THE INTERVIEW (GRAPHICS, FLEXIBILITY)
- DESIGN FOR EX POST PROCESSING
- LEARNING EXPERIENCE THRU TIME
- PRE-LOAD END DATES FOR LABOR MARKET?

**THANKS FOR YOUR
ATTENTION!**